SPATIO-TEMPORAL ANALYSIS OF BARRIER ISLAND SHORELINE CHANGE:

THE GEORGIA COAST, U.S.A.

by

CHESTER W. JACKSON JR

(Under the Direction of Clark R. Alexander)

ABSTRACT

Deficiencies exist in the study of shoreline dynamics of Georgia's barrier islands and the processes that influence change. Previously unexamined shoreline localities that were difficult to assess using existing techniques and software programs provide a basis for the development of new tools and methods for analyzing change. AMBUR (Analyzing Moving Boundaries Using R) was developed to analyze shoreline change along barrier islands with complex shapes and highly curved coastlines. Built using the R programming environment, AMBUR provides a suite of functions for quantifying the rate and magnitude of shoreline movement and performs additional statistical, graphical, and geospatial analyses. The reliability of transect-based analyses is improved using new techniques for curved shorelines too problematic for the traditional perpendicular-transect method.

Application of AMBUR to Georgia's barrier islands provides a robust dataset for island-wide shoreline change and assists with classifying the modern behavior of the coast. Historical shorelines from 1855 to 2004 were analyzed and partitioned into oceanfront, backbarrier, and inlet-facing zones. Throughout the 1855 to 2004 era, 41 % of Georgia's oceanfront shoreline eroded at a mean rate of -1.66 m/yr EPR (± 0.06 m/yr) and the remaining shoreline accreted at

2.25 m/yr EPR (± 0.06 m/yr). The backbarrier eroded along 65 % of the shore at a mean rate of -0.35 m/yr EPR (± 0.07 m/yr) throughout the period. More than half of the islands exhibit a net seaward shift in area and regressive behavior, whereas Wolf and St. Catherines Islands are thinning and shortening and are transgressive, erosional hotspots. Reversals of longshore transport currents, primarily due to inlet dynamics and seasonal shifts in climate regimes, promote periods of accretion and erosion along the northern and southern ends of some islands. Stable, migrating, and ephemeral inlet processes at the local level exert the greatest influence over oceanfront shorelines. Backbarrier shorelines are primarily influenced by tidal creek migration, proximity to inlets and confluences of other streams. Human activities are influencing shoreline erosion and accretion rates through uses of hard/soft stabilization and dredging activities.

INDEX WORDS: shoreline change, oceanfront, backbarrier, inlet, coastal mapping, Holocene, Pleistocene, AMBUR, transect, baseline, erosion, accretion, t-sheets, aerial photography, endpoint rate, morphodynamics, anthropogenic, hard stabilization, storms, rivers, tidal streams

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DEDICATION

To my twin sister, DeLana.

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CHAPTER 1

INTRODUCTION AND LITERATURE REVIEW

Introduction and Objectives

Shoreline change data is critical for understanding the role global sea-levels and other coastal processes play on barrier island systems. A report published by the National Research Council (1990) suggests that shoreline erosion along the U.S. coast will likely intensify in response to rising global sea-levels. High resolution shoreline studies, conducted within a GIS framework, can help coastal scientists resolve the impacts of sea-level rise and better ascertain processes governing shoreline evolution with increased accuracy and efficiency. Unfortunately, when compared to many coastal states in the U.S., the record of historical shoreline change for Georgia is poor. Furthermore, on a global scale, very few detailed, GIS-based shoreline studies exist for coastal areas with barrier islands. Moreover, a majority of these studies address only the oceanfront of barrier islands and do not concentrate on inlet and backbarrier-facing shorelines.

Whether viewed in terms of decades or century-long timeframes, shoreline change is ultimately driven by a complex set of processes operating in concert at varying scales. The cumulative impacts of these processes such as sea-level rise, storms, channel movements, inlets, human activity, and the inherited geologic framework can have a profound effect on the behavior/movement of the shoreline of barrier island systems. High-resolution studies of historical shoreline change can provide some insight into how these dynamic systems are behaving and determine what factors most influence shoreline advance/retreat. Ultimately, methodologies developed for analyzing shoreline change within this study will be able to be applied globally to all mobile shoreline types.

The major objectives of this research are to develop new methodologies and software tools for analyzing shoreline change, and, to apply them to quantify and characterize the evolution of Georgia's barrier island shorelines during the late Holocene (1800s to present).

Previous Studies

Of all of the coastal states, Georgia is the least studied in terms of shoreline change (Langley et al., 2003). In addition, most shoreline change studies conducted on the Georgia coast have only concentrated on oceanfront shorelines (Kaye, 1961;USACOE, 1971; Oertel and Chamberlain, 1975; Nash, 1977; Griffin and Henry, 1984; Dolan et al., 1985; Langley et al., 2003; Morton and Miller, 2005). Furthermore, only a few studies exist that quantify back-barrier shoreline erosion along the Georgia coast and very little is known about the lateral movements of tidal channels that might influence these shoreline changes (Frey, 1973; Frey and Basan, 1985; Benoit, 1978; Jackson, 2006; Jackson et al., 2007).

Kaye (1961) conducted the first detailed study of shoreline change along the Georgia coast and published the first map depicting coast-wide trends of erosion and accretion along the oceanfront. The study involved a field-based reconnaissance of each barrier island and detailed descriptions of island morphology. The study did not quantify the rate or magnitude of shoreline change; however, it did estimate the spatial extent of erosion along the oceanfront and possible mechanisms influencing change.

Oertel and Chamberlain (1975) quantified rates of shoreline change along the oceanfront of Georgia from Tybee to St. Catherines Islands, nearly half the length of the coast. They looked at erosion and accretion trends using maps and aerial photography spanning a 78-year period from

1897 to 1975. The authors calculated the change in shoreline position along 50 shore-normal transects established at various points along the study area. The study revealed that net accretion occurred along Tybee and Little Tybee at 0.3 to 0.7 m/yr, respectively, and erosion along St. Catherines at -4.0 m/yr. The study also estimated accretion rates along Wassaw and Ossabaw Island averaged almost 3 m/yr.

Nash (1977) and Griffin and Henry (1984) were the first to quantify coast-wide shoreline change along Georgia. Using historical maps and aerial photos, they provide assessments of erosion and accretion for each barrier island's oceanfront and relate processes to change. Unfortunately, they did not provide any data on where their measurements were made to use them as a baseline for further investigations. However, it is the most thorough treatment of shoreline change of Georgia's oceanfront to date and provides a starting point for the current study. The authors concluded that there was no discernable net erosion for the oceanfront between 1857 and 1982. The study also found a reduction in accretion across the linear extent of the oceanfront. Subsequently, Langley et al. (2003) used georectified images of maps within a GIS framework to quantify shoreline change rates for Wassaw and St. Catherines Islands. The study found that shoreline change rates along Wassaw Island's oceanfront ranged from -1.2 to 6.0 m/yr, and, -1.6 to -10.1 m/yr along St. Catherine's Island.

Regional studies of U.S. shoreline change also provide information about Georgia. Dolan et al. (1985) used computer-based methods to calculate shoreline change along the entire U.S. coastline and quantify erosion and accretion rates. The study estimated a mean annual rate of

accretion of 0.7 m/yr with a standard deviation of 2.8 m/yr. Rates along Georgia ranged from -4 m/yr erosion to 5 m/yr accretion.

The most recent coast-wide study of shoreline change along Georgia is the USGS' National Assessment of Shoreline Change (Morton and Miller 2005). The study is GIS-based and quantifies shoreline change rates along shore-normal transects spaced at 50 m intervals along the coast. Morton and Miller (2005) estimate a mean change rate of 1.0 m/yr (accretion) for the entire Georgia coast with a standard deviation of 2.7 m/yr from 1851 to 1999. They also estimate that overall, 65 % of the coast experienced net accretion at a mean rate of 2.4 m/yr. The study found that long term erosion along the other 35 % of the shoreline during that period occurred at -1.5 m/yr.

Benoit (1978) was the only study to look at backbarrier shoreline erosion on a coast-wide scale along the length of the Atlantic Intracoastal Waterway in Georgia. This qualitative study concentrated on delineating the spatial extent of erosion and the natural and artificial processes promoting change adjacent to the waterway. Unfortunately, not all barrier islands in Georgia share a shoreline with the waterway; however, the study does provide insight into the impacts of human activity and hard stabilization on estuarine shorelines. The study concluded that 34 % of the 298 km shoreline of the waterway is eroding and that boat wakes and tidal scour are the two major influences.

Early shoreline change analyses prior to Morton and Miller (2005) were limited by available technology and fall short of the higher degree of accuracy afforded by recent GIS and digital

shoreline mapping programs (Crowell et al., 1991; Danforth and Thieler, 1992a,b; and Thieler and Danforth, 1994a,b). Regardless, all of the previous studies were limited to the oceanfront shoreline or partially addressed the backbarrier. A number of other shoreline-related studies along coastal Georgia have focused on barrier island development, migration, coastal engineering, beach replenishment, and dredging projects (Pilkey and Richter, 1965; Hoyt and Henry, 1967; Frey and Howard, 1988; Clayton et al., 1992). However, to date, there is no published study on the recent evolution of Georgia's barrier island complexes based on high resolution, island-wide shoreline change data. In summary, previous studies of the long- and short-term trends of shoreline change of each barrier island were conducted using limited data, technologies, and geographic areas.

Dissertation Structure

The dissertation presents research that evolves from developing a methodology for assessing shoreline dynamics along a complex backbarrier island setting, to developing and applying new tools and techniques for assessing change along the entire shoreline of barrier islands located in Georgia. An analysis of historical backbarrier shoreline changes along Cumberland Island is presented in Chapter 2. This study was conducted using existing digital shoreline analysis tools to quantify change along a previously unstudied shoreline setting. Field studies were also conducted to ground-truth results from GIS-based analyses and to determine processes likely influencing change. The limitations of existing GIS-based tools were recognized in the study and provided the basis for the development of a new digital shoreline analysis tool, AMBUR, presented in Chapter 3. AMBUR provides functions to assess shoreline change along most coastal settings, including those that tend to be problematic for existing tools. New baseline and

transect casting methods are proposed, which better approximate the rate and magnitude of change along highly curved shorelines. Finally, a study is presented that employs AMBUR for the spatio-temporal analysis of shoreline change along Georgia's barrier islands in Chapter 4. The study demonstrates how analyses performed with AMBUR and R facilitate the assessment of processes influencing change, classification of barrier island movements, and delineating of coastal compartments.

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CHAPTER 2

BACKBARRIER SHORELINE CHANGE HISTORY: CUMBERLAND ISLAND, GEORGIA, 1857-2002[1]

[1] Jackson, C.W, Alexander, C. and D. Bush. 2007. *Southeastern Geology*, 45:73-85.
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Abstract

Beginning in the early 1990s, an increase of coastal storm activity brought about a growing concern over the protection of cultural resources along, or within close proximity to, Cumberland Island, Georgia's back-barrier shore. Such storm activity has exacerbated the erosion problem along several segments of the shoreline already experiencing net long-term erosion. Furthermore, there is increasing concern over the possible effects of sea-level rise on the fate of these sensitive areas along the back-barrier shore. Recently, the National Park Service at Cumberland Island National Seashore began to assess impacts of erosion on several archaeological sites along the back-barrier shore of Cumberland Island. A year-long study was conducted from 2004 to 2005 that involved obtaining and analyzing digital shoreline data spanning the time period from 1857 to 2002 and making observations at various field sites within the study area. The primary objective of the study was to gain a better understanding of the spatial and temporal trends of back-barrier erosion along the back-barrier shore. Results from the study were used to assist the National Park Service in their search for options to mitigate future shoreline erosion and potential loss of important archaeological sites. A generalization of aerial photography and historical maps suggests that greater than half of the back-barrier shoreline had a 145-year history of erosion between 1857 and 2002. Currently, methodologies developed in this study are being used to update shoreline change studies of all of Georgia's barrier islands, with the potential for global application in the future.

Introduction

Situated in the southeastern U.S.A on the Atlantic Ocean, Cumberland Island is the longest and southernmost barrier island on the Georgia coast, spanning nearly 30 km in length (Figure 2.1).

The barrier is a part of the Cumberland Island Barrier Complex, which includes Little Cumberland Island as well as back-barrier marsh, stream, and inlet systems between St. Andrew Sound and St. Marys Inlet. The western side, or back-barrier, of Cumberland Island National Seashore is experiencing considerable amounts of shoreline erosion, which ultimately poses a threat to the natural and cultural resources found there. Prominent tidal stream cut bank erosional scarps exist along portions of the back-barrier shoreline, as the tidal streams have migrated into the tidal marsh and upland barrier. Adverse conditions along a considerable length of the shoreline include exposed archaeological sites slumping into adjacent tidal channels, undermined and falling trees/vegetation, roots exposed to a depth of 1-3 m, and erosion/retreat of marsh shoreline.

Few studies exist that quantify back-barrier shoreline erosion along the Georgia coast and little is known about the lateral movements of tidal channels (Frey, 1973). Until recently, shoreline studies have concentrated on Georgia's oceanfront shorelines (U.S. Army, 1971; Nash, 1977; Griffin and Henry, 1984; Clayton and others, 1992; Langley and others, 2003). In order to understand the erosion problem along the back-barrier shore of Cumberland Island, a GIS-based investigation was conducted to determine the extent of erosion over the length of the back-barrier and to quantify the rate of shoreline loss. Although some work has been done at a few sites established by the National Park Service, the problem has not been investigated over the length of the island. This study will allow coastal managers to further understand the potential natural and/or anthropogenic factors influencing shoreline erosion, to focus their attention on critical areas or erosion hotspots, and to develop plans to mitigate adverse erosion impacts.

Methodology

The Cumberland Island shoreline change study has two distinct phases. First, shoreline position data is extracted from a variety of sources and imported into a GIS. Second, analyses of the shoreline position changes through time are performed utilizing various GIS tools. The compilation of historical shoreline data and maps into a GIS allows for the rapid analysis and visualization of shoreline movements and delineation of erosion/accretion trends. Recently, a GIS-based program for ArcView GIS called SCARPS (Simple Change Analysis of Retreating and Prograding Systems) was developed by Jackson (2004) to provide a thorough investigation of shoreline change through computational and output features, as well as overall flexibility with shoreline data analysis. This tool has been validated in several recent shoreline studies to effectively determine shoreline change parameters (e.g., Langley et al, 2003).

Georeferenced historical aerial photographs, coastal charts, and survey maps can provide a wealth of shoreline position and coastal geomorphologic data. During the first phase of the project, representative sets from these data sources were obtained from the USGS, National Ocean Service, and other agencies. Aerial photographs and maps were chosen to provide maximum coverage of the island's back-barrier and inlet-facing shorelines. Aerial photos and maps were scanned and georectified using ESRI's ArcGIS and ERDAS Imagine software. Because the quality and reliability of shoreline positions extracted from aerial photographs and maps hinge on the accuracy with which imagery is georectified, steps were taken to make certain these data meet or exceeded United States National Mapping Accuracy Standards (Office of Management and Budget 1947, http://rockyweb.cr.usgs.gov/nmpstds/nmas.html).

Following the georectification of historical imagery, the position of the shoreline was digitized on each scanned aerial photo and map within ArcGIS. During this process, the high-water (wet/dry line) line (HWL) or swash terminus, bluff toe, or marsh edge was selected as the primary indicator of shoreline position. The shoreline was digitized at a scale of 1:1,500 or larger and converted into an ESRI polyline shapefile for each image and each shapefile's GIS table was populated with attributes uniquely identifying the shoreline segment. Once the shapefile was created, a worst-case error estimate was determined for each shoreline to account for possible position errors. Clearly, a number of factors such as map or photo scale, line-width of a plotted shoreline on a map, and interpretation of the high-water line tend to limit shoreline accuracy (Anders and Byrnes, 1991; Dolan and others, 1980; Crowell and others, 1991; Moore, 2000; Thieler and Dandforth, 1994 a & b). In the current study, worst-case position error estimates ranged from 1 to 7 m for shorelines mapped from georectified aerial photography, maps, and orthophotos.

After assembling the digital shorelines into a GIS database, the SCARPS ArcView GIS extension is used to calculate shoreline change and to perform statistical analyses of the dataset. SCARPS calculates shoreline change by measuring the position differences of two or more historical shorelines within the GIS. In the current study, 848 transects were cast perpendicular to the back barrier shoreline from a baseline at a spacing interval of 50 m. Measurements of historical shoreline positions were extracted along each transect where the shoreline intersected the transect. In some cases, not all 848 transects recorded a shoreline position because of incomplete coverage of the shoreline. From these calculations, regions of shoreline exhibiting erosion, accretion, or no apparent change were identified. The "end-point rate" (EPR) shoreline

change rate calculation, widely used by state and local agencies, was the primary method used to estimate both long-term and short-term shoreline change rates. The EPR method is simply the distance a shoreline has moved between two dates divided by the time elapsed between historical shorelines. The EPR method was used instead as the primary method over others, such as the Linear Regression Rate (LRR), because it is simple to calculate and does not require numerous historical shorelines. All shoreline change rates reported below, unless otherwise noted, are in terms of the EPR calculation method. The convention used throughout this study is that negative numbers indicate erosion and positive numbers indicate accretion.

Shoreline Changes

A minimum of 10 years of relatively continuous (monthly) historical shoreline data is needed to interpret short-term trends and at least 50 years of data are needed for deciphering long-term trends (Camfield and Morang, 1996). Unfortunately, the historical shoreline record for Cumberland Island contains gaps of 5 to 10 years between aerial photos and maps from the 1980s to late 1990s, and upwards of 20 to 50 years between dates from the 1860s and early to mid-1900s. Therefore, only a handful of shoreline positions can be used to attempt to piece together the cumulative effects of all factors influencing shoreline change along the back-barrier. Unfortunately, no established methods exist that are able to statistically relate the geologic framework, thought to influence such change, to long-term shoreline erosion (Honeycutt and others, 2002). Therefore, only apparent shoreline change trends and influences may be ascertained from statistical analyses of the dataset and visual inspections of historical aerial photographs and maps.

To determine erosion and accretion trends along the back-barrier shoreline, two spatial scales are addressed and described below: island-wide and intra-island scale. Island-wide analyses include all transects along the entire shoreline for a given time period, whereas intra-island analyses focus on transects along a segment or part of the shoreline. The results from island-wide shoreline change analyses were used to construct the shoreline erosion maps in Figure 2.2; the data are summarized in Table 2.1. Shoreline change rates listed in Tables 2.1 and 2.2 were obtained from analyses of shoreline changes from four eras of time: 1857/70 to 1933, 1933 to 1983, 1983 to 2002, and 1857/70 to 2002 (net or long-term change).

Transects were grouped qualitatively into ten intra-island zones, based on the erosion and accretion trends shown in Figure 2.2, to better illustrate the long-term behavior of the shore (Figure 2.3). For example, inspection of Figure 2.3 reveals that shoreline segments within Zones II, IV, VI, VIII, and X are typically dominated by erosion throughout the study period, while adjacent zones experience much less erosion or tend to accrete. Shoreline change data for Zones I-X are listed in Table 2.2

Although the historical shoreline dataset contained more dates in addition to those used in the four focus eras, the shorelines used in the focus eras were primarily chosen for their spatial coverage and accuracy when used to analyze various temporal scales of change. Ultimately, a lower accuracy shoreline can be used to map changes along with another shoreline of a different date as long as the dates span a greater temporal scale. Larger temporal scales help to ensure that there is true mappable change being identified and not just error in shoreline position. Era I, spanning from 1857 to 1933, contains shoreline position data extracted from historical maps

known to have spatial errors exceeding shorelines derived from modern high resolution imagery. However, shoreline change trends depicted during this era are relatively reliable owing to the era's time span of ~76 years. Subsequent Eras II & III, spanning 50- and 19-year periods, respectively, contain higher accuracy shorelines and represent a time of drastic/higher alteration of the back-barrier system of Cumberland Island caused by direct anthropogenic activities such as inlet/channel dredging, creation of dredge spoil islands, and emplacement of seawalls, bulkheads, and docks. Era IV (1857 to 2002) represents the cumulative effects of all processes acting upon the shoreline throughout the entire study period of 145 years.

Era I (1857 to 1933)

The earliest series of detailed maps accurately depicting the Cumberland shoreline are U.S. Coast and Geodetic Survey (now the National Ocean Service or NOS) topographic sheets or T-sheets from field surveys conducted in 1857, 1867, and 1870. Combined, these maps provide island-wide coverage of the shoreline with the 1857 T-sheet covering the southern portion of the island, the 1867 T-sheet covering the middle portion of the island, and the 1870 T-sheet depicting the northern portion. Shoreline positions extracted from T-sheets were merged into the one island-wide shoreline representing the oldest historical shoreline in the dataset. The shoreline position is denoted "1857/70" to represent the combination of the multiple T-sheet years. Subsequently, a mixture of aerial photography and ground surveys were used to construct the NOS T-sheets starting in 1933. The noticeable difference between these maps and their older counterparts, aside from increased accuracy, is the detailed mapping of marsh channels and other coastal features.

During the 1857 to 1933 era, which spanned ~76 years, approximately two-thirds of the back-barrier shoreline experienced net erosion (Figure 2.2). Although the average rate of change for all 799 transects extracted for this era was -0.24 m/yr (±0.17 m/yr), the average rate among transects recording only erosion values was -0.66 m/yr (Table 2.1). Accretion occurring at transects recording only accretion during the era averaged approximately 0.54 m/yr.

The most notable shoreline erosion occurred primarily within Zones II, VI, VIII, and X (Figure 2.3). Shoreline recession was far greater along these shoreline segments and appeared to be greater at segments closest to the inlets. The shoreline eroded along Zone II, near St. Marys Inlet, an average of -66 m (-0.87 m/yr EPR) and -46 m (-0.68 m/yr EPR) within Zone X near St. Andrew Inlet along the Little Cumberland Island portion of the barrier complex.

Within Zone II, maximum shoreline recession reached ~190 m at Transect #103 and tended to decrease at transects immediately north and south of this point. Inspection of the NOS T-sheets revealed that this portion of the island is essentially a protrusion in the shoreline apparently eroding through the time period of record (Figure 2.2). The protrusion is comprised of a mixture of morphologic features including vegetated dredge spoil islands, upland, and tidal marsh. Zone I flanks the southern border of the protrusion but tends to experience less erosion as the southern end of the island elongated or accreted during this era.

Within Zone X, substantial erosion occurred between Transect #729 to #739 and ranged from approximately -100 to -400 m. This region represents the northernmost extent of the upland portion of Cumberland Island and includes Little Cumberland Island. Inspection of the 1933

survey maps reveals that shoreline retreat along this segment was likely attributed to the formation and/or widening of a shore-normal tidal creek adjacent to the upland shoreline. Based on examinations of the 1983 aerial photographs, the shoreline subsequently attained a position similar to that existing in 1870, as the tidal creek became infilled with sediment.

Era II (1933 to 1983)

Unlike the Era I, where net erosion characterized the back-barrier, accretion dominated during Era II (between 1933 and 1983) (Figure 2.2). Spanning a nearly 50-year time period, the average shoreline change rate for the back-barrier was 0.37 m/yr (±0.20 m/yr). Nevertheless, almost one-third of the back-barrier shoreline continued to experience erosion at an average rate of 0.35 m/yr, especially along Zones II, III, and IV. Interestingly, shoreline accretion along Zone I increased ten-fold from the previous era with rates averaging nearly 1.66 m/yr as the island continued its southerly elongation (Table 2.2).

Still, what is puzzling about net back-barrier change during Era II is the overall increase in accretion on an island-wide scale. It may be attributable to the accuracy of the shoreline position data from the 1933 survey maps and the 1983 aerial photographs. However, analyses of static features such as seawalls and historical landmarks, reveal horizontal displacements below the projected worst-case error estimates for the era. Similar results were obtained from analyses of the 1933 and 1974 shoreline position, where net accretion occurred along most of the island. If shoreline position inaccuracies are partially ruled out, the mechanism for accretion along most of the island is uncertain. Because increased sedimentation is essential for the progradation of shorelines and the establishment of new marsh, it is reasonable to assume that sediment supply

during this period increased. As pointed out by Griffin and Henry, 1984, such an increase might be attributed to increased logging and development in Georgia's piedmont and coastal plain provinces in the early 1900s, thus increasing the sediment loads of coastal rivers/streams. It also could be attributed to development activities taking place within close proximity to the back-barrier, such as dredging and new development, which have the potential to alter the sedimentary system. However, the actual mechanism(s) remain(s) unclear.

Era III (1983 to 2002)

Erosion appeared to dominate the back-barrier shoreline during Era III (1983 to 2002), the shortest time period of the study (Figure 2.2). Only about 15% of the back-barrier shore experienced accretion. Although the island's net shoreline change rate averaged -0.69 m/yr (±0.47 m/yr), areas suffering exclusively from erosion had average rates exceeding 1 m/yr (Table 2.1). In general, the trend of erosion increases away from Zone V toward the inlets (Table 2.2). More importantly, average shoreline change rates along Zones II, VIII, and IX approached, or exceed -2 m/yr. Conversely, the only shoreline segment with substantial accretion occurred along Zone I at 0.64 m/yr.

Apart from potential error(s) of the shoreline positions, the record of such wide-spread erosion over a short period of time is alarming and suggests factors other than long-term sea-level rise may be influencing change. Shoreline erosion might be associated with climate events such as periods of droughts experienced in Georgia during the 1980s and 1990s. Furthermore, changes in the hydrodynamic properties in adjacent tidal inlets might have played a major role. Such changes could have been brought on by human activities such as dredging of inlet/back-barrier

channels. An increase in tidal prism, a potential consequence of dredging, can cause back-barrier channels to dilate and encroach on adjacent barrier shore. As stated above, the actual mechanism(s) driving shoreline erosion remain unclear. What is known is that artificially stabilized shoreline segments, as identified on aerial photographs, have little or no beach/marsh fronting them and have shifted the erosion problem to areas immediately adjacent to the structure. Evidence of this can be found along the Dungeness dock (field site CI-1) area along the seawall and along Plum Orchard's bulkhead at site CI-3 (Figures 2.4 & 2.5). Shorelines adjacent to the seawall at Dungeness dock are offset landward 5 to 10 m from shifting of erosion hot spots produced by tidal processes and wave action.

Era IV (1857 to 2002)

Era IV encompasses the entire record of historical shoreline data and reveals the long-term shoreline change trends. Throughout the entire study period spanning 1857 to 2002, shoreline change has varied both in magnitude and spatial extent along the back-barrier (Figures 2.2 & 2.3). A graph of average annual shoreline change rates in Figure 2.3 best illustrates the long-term behavior of the back-barrier shore for each zone. Although the island-wide average shoreline erosion rate was -0.14 m/yr (±0.08 m/yr) for all calculated transects, over two-thirds of the island had an average shoreline recession rate of -0.35 m/yr for transects with only net erosion (Table 2.1). Furthermore, Figure 2.3 reveals that Zones II, IV, VI, VIII, and X have experienced long-term erosion. When viewed from a coastal management standpoint, these Zones could be considered erosion hotspots or areas of concern, especially the shoreline along Zone II, given the frequency and magnitude of erosion suffered in that area.

Although Zone I has experienced long-term accretion, it also should be considered an area of concern because it is highly likely that the elongation of the southerly spit region will undergo physical alteration. In other words, shoreline morphology within the zone is affected by inlet processes and sensitive to changes in sedimentation rates and inlet channel hydraulics. Because the St. Marys Inlet is artificially stabilized and maintained, elongation of the spit is restricted to the inlet flood channel's present position between the jetties. This confinement places the shore immediately adjacent to the active channel, which can lead to dramatic shifts of shoreline positions. These shifts in shoreline position appear to be caused by the attachment and subsequent erosion of flood delta shoals along the back-barrier shoreline adjacent to the inlet. Since the emplacement of the north and south jetties during the late 1800s, the shoreline position along Zone I has been in a state of fluctuation far greater than any other zone as evidenced in Figures 2.2 and 2.3.

The Zone II Erosion Hotspot (Dungeness Docks)

The Dungeness docks (Site CI-1) are located within Zone II and is an area of concern (Figure 2.5). The shoreline at this site is mainly a low bluff (2-3 m). The dock platform extends nearly 20 meters from a seawall over 260 m long, that armors the shoreline. Construction of the seawall took place in the early 1900s and has undergone modifications since then to extend and reinforce the structure. Since 1857, the shoreline has retreated approximately 50 m immediately adjacent to the dock (Figure 2.5). However, rapid shoreline erosion at points 300 m south and north of the dock has resulted in a loss of almost -132 m and -67 m respectively (Figure 2.5).

Erosion along this region is likely enhanced by end-around effects that occur at the ends of the seawall. The end-around effect is an increase in erosion due to scour caused by the displacement of wave/current energy from the seawall onto the adjacent natural shoreline. Typically, shoreline erosion rates are higher immediately adjacent to hard structures such as seawalls. Furthermore, Pleistocene semiconsolidated humate sands and muds that outcrop along portions of the shoreline also appear to be enhancing erosion rates (Figure 2.5). Field investigations of zones where these strata outcrop the outcrops of the semiconsolidated sands and muds revealed headlands where erosion was greater on either side of the headland. The effect of these headlands illustrate the importance of existing geologic framework in shoreline change (Riggs and others, 1995).

Given the rapid rates of erosion, as evidenced in both GIS analyses and field observations, it is highly likely that archaeological sites located within less than 3 m of the shoreline will become endangered within the next 2 to 5 years. Furthermore, it is reasonable to assume that these areas are especially sensitive to boat-wake and wind-generated wave activity (storms) as short-term shoreline erosion factors. Combined with inlet dynamics, the above-mentioned factors likely exacerbate erosion along a shoreline whose erosion patterns appear to be dictated by the complex interplay between long-term sea-level rise and the geological framework. Therefore, it becomes imperative that short-term erosion processes that are caused by anthropogenic activities are effectively managed for the protection of sensitive natural and cultural resources within this area.

Discussion

The Cumberland Island back-barrier shore, though not as dramatically dynamic a feature as the oceanfront shoreline, remains in a constant state of relatively slow change. When viewed in terms of decades and/or century-long timeframes, it is ultimately shaped by a complex set of factors operating in concert at varying time and length scales. The cumulative impacts of factors such as sea-level rise, storms, channel movements, inlets, human activity, and the existing geologic framework appear to have led to shoreline erosion along most of the back-barrier length. For that reason, from a management perspective, it is important to have adequate historical shoreline data to investigate trends of back-barrier changes and to eventually relate the changes to the dominant factors influencing the observed trends. Although the present database is limited to 10 historical shoreline positions, noticeable shoreline change trends emerged and are reasonably linked to various factors such as inlet dynamics, geologic framework, and human activity. However, a more detailed shoreline dataset is needed to more precisely link shoreline behavior to long- and short-term factors.

Based on the trends found in the GIS analysis, coupled with field observations, five primary shorelines segments are subject to chronic erosion: Zones II, IV, VI, VIII, and X. These erosion zones, though not equal in length, are distributed along various reaches that punctuate the length of the island. Although storms have had an obvious impact on the entirety of the island's shoreline, the development and persistence of the these erosion zones along Cumberland Island are most certainly related to complex processes associated with adjacent inlets, sea-level rise, tidal channel dynamics, boat wakes, and even biological activity (grazing by horses, deer, and other livestock). Understanding the nature and principle causes of the shoreline losses in these

areas, which are zones of higher erosion rate as compared to those of adjacent shoreline reaches, is critical to developing a sound back-barrier management and preservation plan.

Finally, using methods developed in this study, the authors are currently involved with projects to conduct new, improved shoreline change studies of the Georgia coast. The aim of these studies is to improve upon previous shoreline investigations by developing new GIS-based tools for analyzing shorelines, extracting high resolution shoreline data from aerial photography and coastal survey maps, and performing field observations along the Georgia coast. More importantly, these studies will address the entire barrier island's shoreline, not just the oceanfront. Ultimately, techniques used in this and future studies will be applicable on a global scale.

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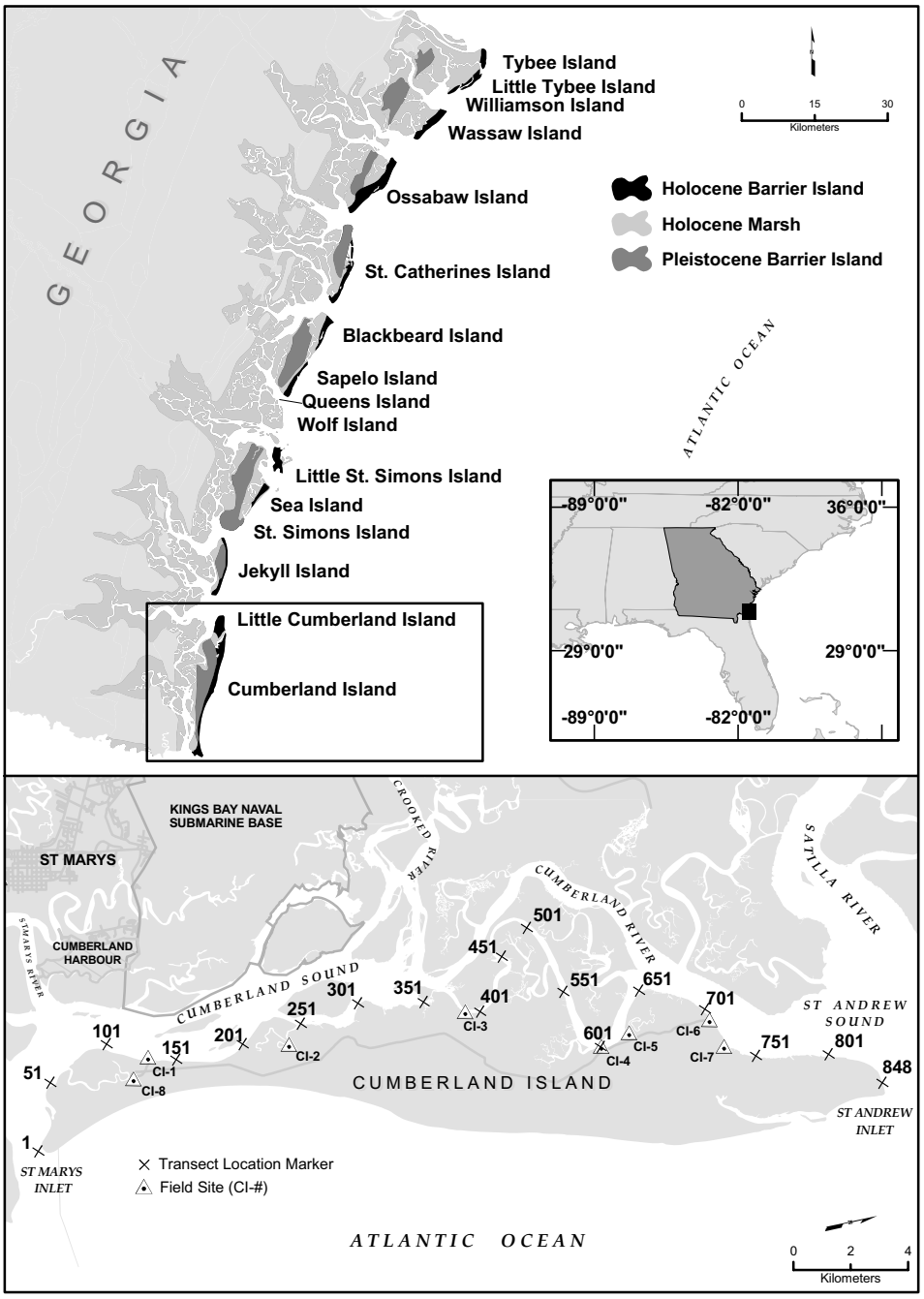


Figure 2.1. Location map of the Georgia coast and Cumberland Island barrier complex.

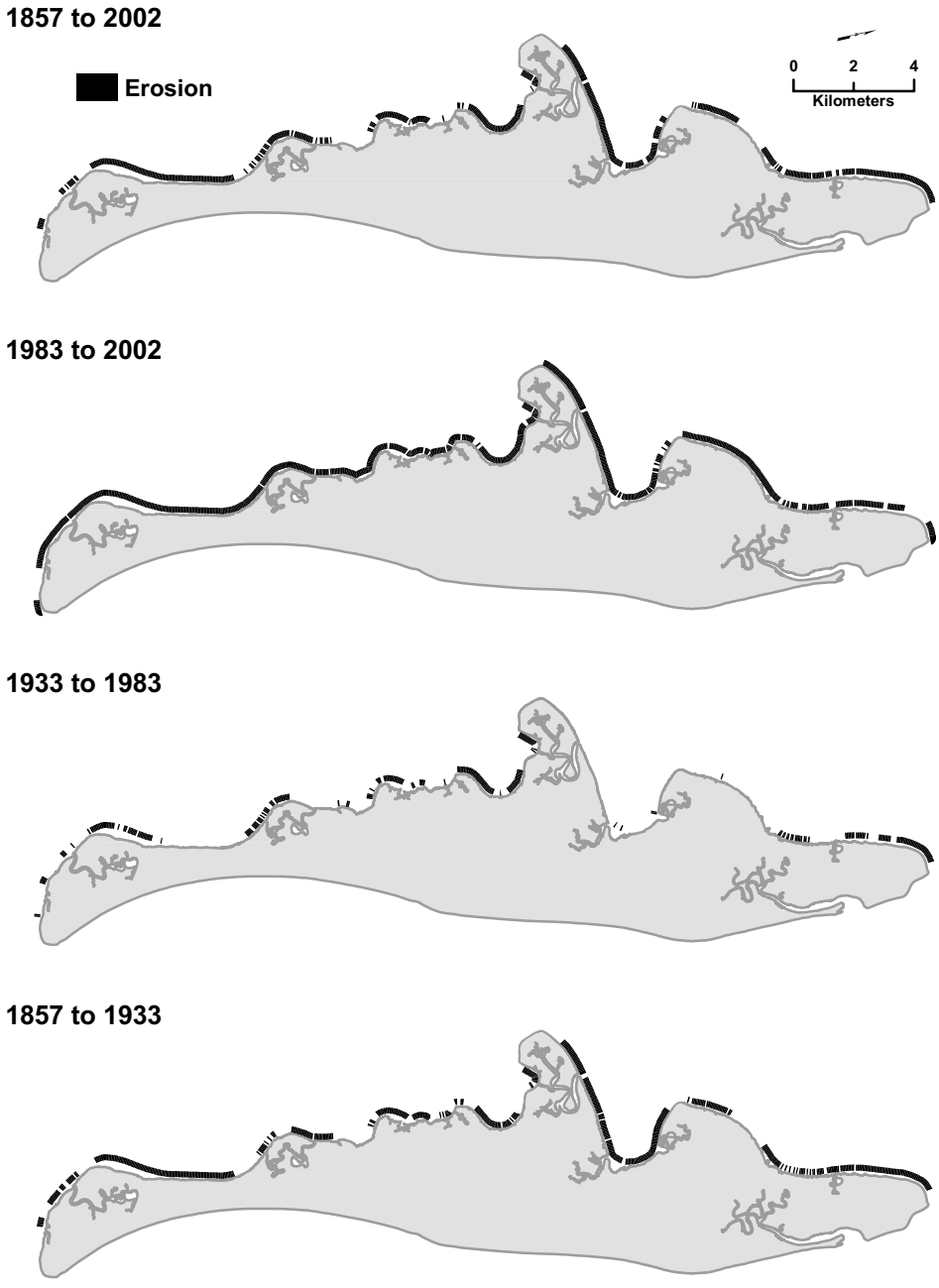


Figure 2.2. Shoreline change maps depicting back-barrier erosion along Cumberland Island, Georgia for 4 eras: 1857-2002, 1983 to 2002, 1933 to 1983, 1857 to 1933. More than half of the back-barrier shoreline has experienced erosion from 1857 to 2002.

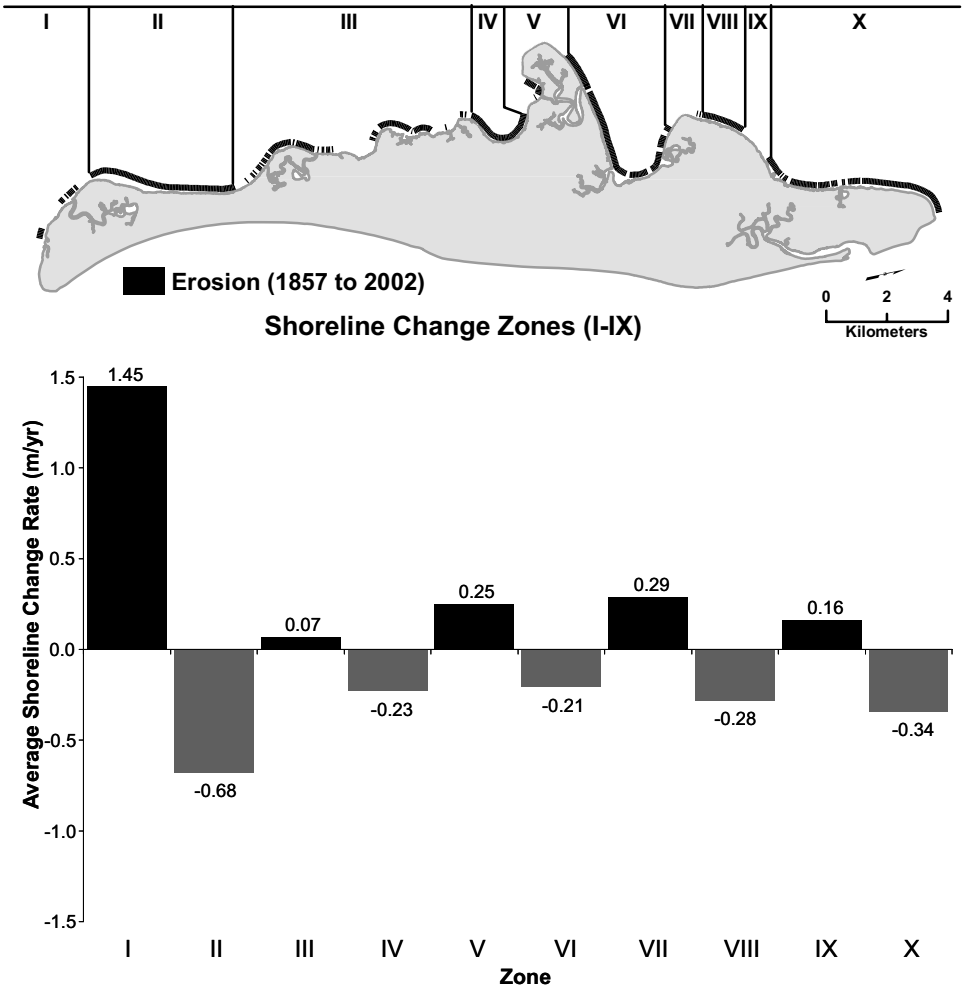


Figure 2.3. Back-barrier shoreline change zones and their average shoreline change rates from 1857 to 2002 for Cumberland Island, Georgia. Each zone tends to be dominated by accretion or erosion, however, Zone III is a mixture of both processes. Higher shoreline accretion rates along Zone I are due to the elongation of the southern spit.



Figure 2.4. Ground photographs of features along select erosional shorelines at fieldsites located on Cumberland Island, Georgia: (CI-1) low sediment bank 2 to 3 meters high, (CI-3) wooden bulkhead, (CI-5) heavily vegetated bank, and (CI-6) high sandy bluff.

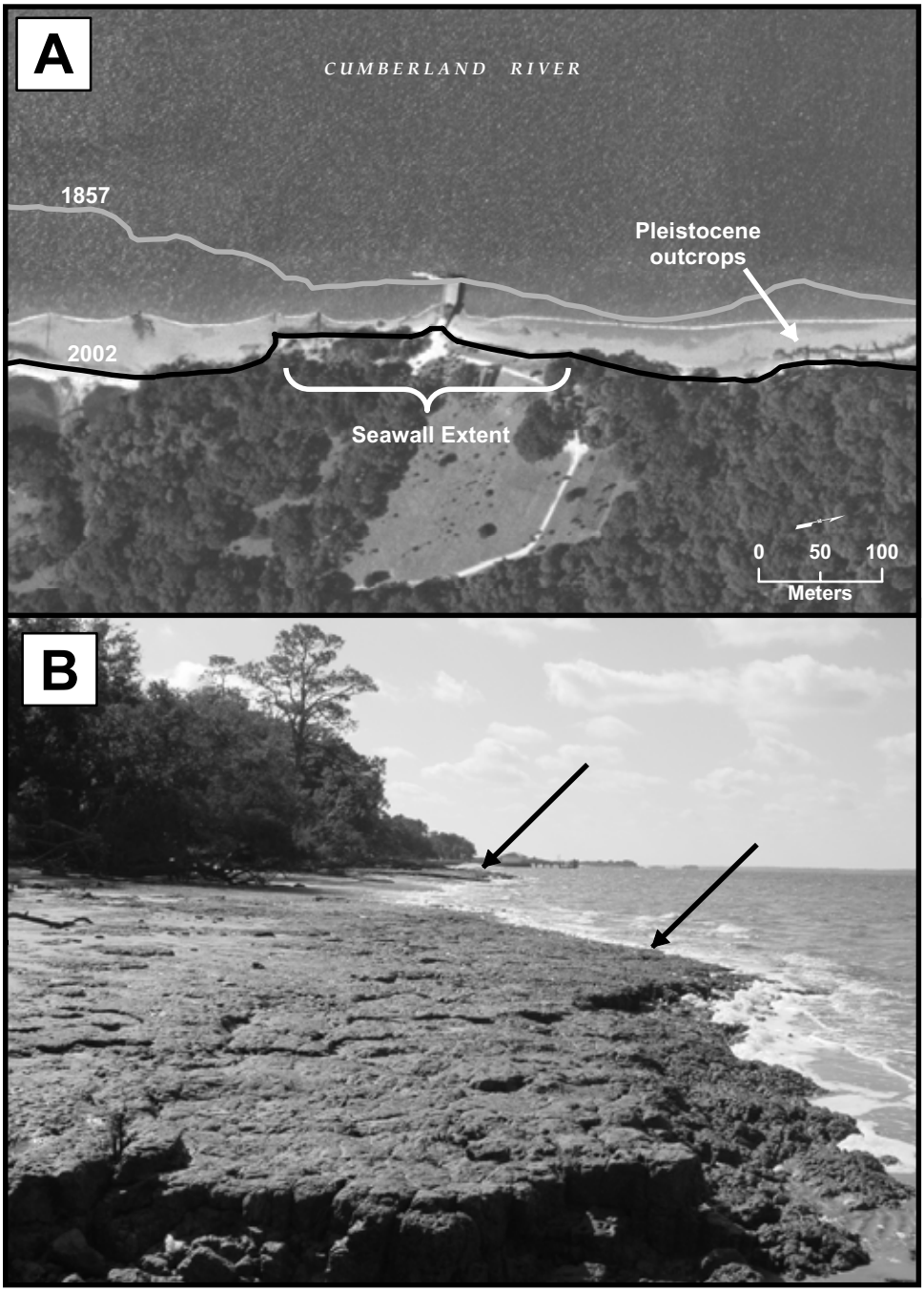


Figure 2.5. Shoreline erosion along field site CI-1 (Dungeness Docks) located on Cumberland Island, Georgia. A 2002 vertical aerial photograph (a) depicts the Dungeness docks, seawall, and historical shorelines from 1857 and 2002 and a 2005 ground photograph (b) depicts Pleistocene mini-headlands flanking a sandy pocket beach. The seawall is holding the shoreline in place around the docks and causing an erosional offset of 50+ m to the adjacent natural shoreline immediately south (left in photo) of the structure.

Table 2.1. Summary of back-barrier shoreline change data along Cumberland Island, Georgia for each study era.

Statistic	Era			
	I	II	III	IV
	1857/70 to 1933	1933 to 1983	1983 to 2002	1857/70 to 2002
Time Span (years)	76.46	49.61	20.02	146.09
Annualized Worst-case Shoreline Error (±)	0.17	0.20	0.47	0.08
% Estimated Shoreline Erosion	66%	29%	85%	69%
% Estimated Shoreline Accretion	34%	71%	15%	31%
All Transects				
Total Transects	799	825	841	801
Average Shoreline Change Rate (m/yr)	-0.24	0.37	-0.69	-0.14
Standard Deviation of Rates	0.98	1.12	2.22	0.50
Erosion Transects				
Total Transects	526	238	716	553
Average Shoreline Change Rate (m/yr)	-0.66	-0.35	-1.19	-0.35
High Rate (m/yr)	-6.23	-1.91	-5.74	-2.51
Standard Deviation of Rates	0.86	0.30	1.04	0.39
Accretion Transects				
Total Transects	273	587	125	248
Average Shoreline Change Rate (m/yr)	0.54	0.67	2.14	0.33
High Rate (m/yr)	3.82	8.29	16.59	2.06
Standard Deviation of Rates	0.70	1.19	4.21	0.38

Note: Negative values reflect erosion and positive values are accretion.

Table 2.2. Summary of zone-wide shoreline change averages for the back-barrier of Cumberland Island, Georgia.

Zone	Transects	1857/70 to 1933	1933 to 1983	1983 to 2002	1857/70 to 2002
		Average Shoreline Change Rates (m/yr)			
I	1 to 86	-0.15	1.66	0.64	0.08
II	87 to 183	-0.87	0.10	-1.90	-0.68
III	184 to 369	0.20	0.25	-0.82	0.07
IV	370 to 422	-0.14	-0.17	-0.65	-0.23
V	423 to 505	0.36	0.16	0.17	0.27
VI	506 to 643	-0.55	0.31	-0.50	-0.22
VII	644 to 667	0.03	0.90	-0.36	0.30
VIII	668 to 695	-0.32	0.43	-1.87	-0.28
IX	696 to 719	0.33	1.00	-2.48	0.16
X	720 to 848	-0.68	0.26	-0.70	-0.34
		Average Shoreline Changes (m)			
I	1 to 86	-9.09	82.49	12.82	86.22
II	87 to 183	-66.06	4.75	-37.87	-99.18
III	184 to 369	13.08	12.56	-16.47	9.17
IV	370 to 422	-9.23	-8.32	-13.05	-30.61
V	423 to 505	23.96	8.09	3.48	35.53
VI	506 to 643	-33.30	15.23	-9.97	-28.04
VII	644 to 667	1.33	44.77	-7.30	38.81
VIII	668 to 695	-22.26	21.26	-37.31	-38.32
IX	696 to 719	21.57	49.70	-49.60	21.68
X	720 to 848	-46.10	12.97	-14.04	-47.17

Note: Negative values reflect erosion and positive values are accretion.

CHAPTER 3

SPATIO-TEMPORAL ANALYSIS OF SHORELINE CHANGE: THE 'AMBUR' PACKAGE FOR R[1]

[1] Jackson, C.W., Submitted to *Computers and Geosciences*, January 28, 2010 .

Abstract

The ‘ambur’ (“Analyzing Moving Boundaries Using R”) package for the R software environment provides a suite of functions for analyzing and visualizing historical shoreline change. The package allows import and export of geospatial data in ESRI shapefile format, which is compatible with most commercial and open-source GIS software. The “baseline and transect” method is the primary technique used to quantify distances and rates of shoreline movement, and to detect classification changes across time. Along with the traditional “perpendicular” transect method, two new transect methods, “near” and “filtered,” assist with quantifying changes along curved shorelines that are problematic for perpendicular transect methods. Output from the analyses includes data tables, graphics, and geospatial data, which are useful in rapidly assessing trends and potential errors in the dataset. A forecasting function also allows the user to estimate the future location of the shoreline and store the results in a shapefile. Other utilities and tools provided in the package assist with preparing and manipulating geospatial data, error checking, and generating supporting graphics and shapefiles. The package is open-source and can be easily customized to perform additional statistical, graphical, and geospatial functions. Importantly, it is capable of analyzing the movement of any boundary (e.g. shorelines, glaciers, fires, marine and terrestrial ecozones).

Introduction

The movement of a shoreline, whether located adjacent to a stream, lake, or an ocean, is an expression of the processes that shape natural and developed landscapes. Operating across varying spatial and temporal extents, natural processes govern the mobility of this land/water boundary over time. Within coastal regions, scientists and managers focus on mapping and

quantifying the movement of the shoreline to not only gain a better understanding of these processes, but also to determine potential impacts on coastal resources and to assist with policy-making decisions. Among the many questions researchers often want to answer when studying a given shoreline, there are four that are central to an analysis: 1) How far has the shoreline moved? 2) How fast did the shoreline move? 3) How variable is the shoreline's movement? and 4) Where is the shoreline going to be in the future? To answer these questions, researchers might use GIS software to either perform manual measurements, or use automated analysis tools to quantify distances and rates of shoreline movements and make forecasts. Over the past decade, the number of computer-assisted shoreline change analyses has increased as GIS software programs have become more accessible to researchers.

Despite the wide availability of GIS software, there are still only a limited number of GIS-based tools dedicated to shoreline change analyses that are publicly available such as the Digital Shoreline Analysis System (DSAS) (Thieler et al., 2009), SCARPS (Jackson, 2004), and BeachTools (Hoeke et al., 2001; Zarillo et al., 2008). Furthermore, these tools require users to own a commercial GIS software license, for ESRI's ArcGIS (or the older ArcView v.3.x) to run them. The Analyzing Moving Boundaries using R ('ambur') package for the R programming environment (R Development Core Team, 2009) provides an open-source shoreline analysis system that takes advantage of R's statistical, graphical, and geospatial capabilities, while allowing users the freedom to choose any commercial or open-source GIS software for editing, preparing, and viewing shapefiles. Although primarily intended for shoreline change analyses, 'ambur' is able to analyze the movements of virtually any physical boundary, such as glaciers, fires, and marine and terrestrial ecozones.

Quantifying shoreline movements is usually performed by a 'baseline and transect' method using manual and computer-assisted techniques (Dolan et al., 1978; Clow and Leatherman 1984). Today, the method is typically GIS-based and involves a number of steps following the creation of a historical shoreline database. First, the user constructs a baseline by drawing a reference line either onshore or offshore of the historical shorelines in the GIS. Second, transect lines are cast perpendicular to the baseline at a user-specified spacing along the baseline. Third, the transects are intersected with the historical shorelines to produce a database of points, which record the locations of historical shoreline positions along each transect through time. Finally, statistics are calculated for each transect and stored in a data table. Subsequently, the user might elect to project a future shoreline position based on calculated shoreline rate-of-change statistics. The functions provided in 'ambur' assist the user at each one of above-mentioned steps and contain tools for new 'baseline and transect' methods.

'ambur' Development

The initial conception of 'ambur' followed the development of another shoreline change analysis tool named SCARPS (Simple Change Analysis of Retreating and Prograding Systems); an ArcView v.3.2 extension written by the author of 'ambur' (Jackson, 2004). SCARPS provided tools for quantifying the movements of shorelines and inlet features, shoreline forecasting, and generating an expanded data table with additional calculations not provided by publically available tools at that time. The output from SCARPS was useful in helping to ascertain the influence of various inlet processes over a barrier island's shoreline (Jackson, 2004). Since its inception, the application of SCARPS has included assessing a variety of different shoreline types including sandy and rocky beaches, salt marshes, inlet shoals, and oyster-shell ridges.

Lessons learned from applying SCARPS to a variety of shoreline types in different geographic settings were instrumental in the development of 'ambur' and the creation of new, more robust analytical functions.

The 'ambur' package takes advantage of the advanced statistical and graphical capabilities of the R programming environment and provides the user with more powerful analytical tools and expanded output. Furthermore, because the package is R-based, it provides an open-source option for users that is portable, cross-platform, and customizable through access to R's extensive library of functions and packages. The 'ambur' package improves upon previous shoreline analysis tools by providing functions for new baseline and transects casting techniques, detailed output from statistical analyses, generation of summary reports and graphics, and future shoreline position forecasting. Furthermore, these improvements allow for accurate and routine analyses of strongly curved coastlines, such as those highly embayed or adjacent to inlets, that prove problematic for earlier tools. Table 3.1 lists select functions in 'ambur' used to perform shoreline change analyses and their output. Currently, the functions provided in the 'ambur' package are invoked using R's command line interface. Some functions contain interactive windows used for selecting and saving files, or choosing various analysis parameters.

The intention of this manuscript is not to serve as a user's manual, but rather to provide an overview of the capabilities of 'ambur' through an example shoreline-change analysis performed for Jekyll Island, a barrier island located along the Georgia coast (Fig. 3.1). Jekyll Island is an exemplary site where the traditional 'baseline and transect' method can be difficult to apply to shoreline segments that are highly curved, such as those adjacent to inlets. The 'ambur' package

provides new tools to assist with such problems. Source code and a user's manual for 'ambur' is available from the author.

Shorelines

Currently, building a historical shoreline database is usually accomplished through field surveys and digitizing maps and imagery within a GIS framework. Spatial data might be stored in a variety of file formats that include delimited text files, geodatabases, or ESRI shapefiles. The ESRI shapefile is the standard file format for spatial data in 'ambur' because of its open format (ESRI, 1998) and compatibility with most GIS software packages, thus making it one of the most widely used file types for geospatial vector data. In order to use the package, the user must have a polyline shapefile, created by any appropriate software, containing historical shorelines and prepared with properly formatted fields in the shapefile's attribute table. These fields hold information such as the date and estimated accuracy for each shoreline. The package also provides support for additional nominal data attribute fields for user-defined classification schemes of the shoreline.

The database for Jekyll Island contains 7 historical shorelines spanning the time period from 1855 to 2006 (Fig. 3.1). The shorelines were digitized from georectified aerial photographs and U.S. Coast and Geodetic Survey (now the National Ocean Service) topographic survey maps.

Baselines

A baseline is a reference line, usually constructed as a linear or curvilinear polyline, which attempts to parallel the general orientation of the historical shorelines. Once constructed,

transect lines are cast, usually perpendicular to, and at a spacing interval of interest, along the baseline, extending across the historical shorelines. The baseline is either landward or seaward of the historical shorelines depending on the user's preference and application. The shape of the baseline is important because it influences the orientation of transects that are cast along it, which can affect the shoreline change calculations. In effect, the baseline "steers" transects across the historical shorelines. Some researchers elect to construct a baseline "by hand" through digitizing a line onscreen in GIS and estimating a preferred location by eye, which is subjective and introduces bias into the shoreline change results. For example, if two different researchers choose an arbitrary baseline position, it is highly unlikely the two baselines will be in the same exact location and orientation. In such cases, each baseline generates different transect locations and orientations across the historical shorelines, which will lead to results that are not reproducible when calculating rates of change. Preferably, users would use automated techniques that employ geoprocessing tools such as buffering to build a baseline a given distance either landward or seaward of the shorelines to help minimize bias and ensure repeatability of results. Besides handling baselines created by the aforementioned methods, 'ambur' provides support for a new double-baseline technique of shoreline analyses. Instead of using a baseline located on only one side of the historical shorelines, this technique uses both an inner and outer baseline simultaneously to cast transects and assists with orienting transects around curved shorelines.

In order to prepare the baseline, the user must first create a polyline shapefile using GIS software either by hand or using a buffer line. The baselines in Fig. 3.1 are generated using the buffer tool in ArcGIS' ArcToolbox and smoothed with the 'ambur.smooth' function. Following the creation

of the initial baseline, the user might elect to smooth the polylines using tools available in the GIS software or 'ambur' to remove extraneous arcuate features that might be present following buffering or during digitizing. Sometimes these features can cause transects to be cast in unfavorable orientations that are highly oblique to, or even directed away from shorelines if left unsmoothed. Aside from smoothing tools provided by most GIS software, the 'ambur.smooth' function provides smoothing capabilities by fitting a local polynomial curve to each polyline using a modified LocFit algorithm (Loader, 1999). The function provides a robust polyline smoothing method that is comparable to ESRI's PAEK smoothing algorithm (Bodansky et al., 2002), which is only available in ArcGIS for users who purchase an ArcInfo license. Finally, the user must create the required fields in the attribute table of the baseline to be compatible with 'ambur'. The 'ambur.check' function will check the baseline for the presence of the fields necessary to run an analysis and notify the user of missing fields.

Fig. 3.1 displays both an inner and outer baseline for Jekyll Island offset approximately 5 meters landward and seaward, respectively, of the historical shorelines. Using 'ambur' VBA scripts to automatically generate fields in the shapefile's attribute table within ArcGIS, each baseline is prepared with the necessary attributes for transect casting and analyses in R. Custom scripts can be written for most GIS software packages to prepare shapefiles to be compatible with the 'ambur' R package. The methodology used to generate the baselines for Jekyll Island using the buffering technique is repeatable and can be done with most commercial and open-source GIS software packages.

Transects

Following the creation of the baseline, it is customary to erect transects perpendicular to the baseline at a user-specified spacing and length (Fig. 3.2a). The 'ambur.transect' function performs the "perpendicular transect" method using baselines positioned either offshore or onshore (Fig. 3.2a). If the user provides double baselines, 'ambur.transects' will create "trimmed perpendicular transects" (Fig. 3.2b) to help alleviate transect "overshoots" where a transect might intersect the shoreline in two different geographic settings. For example, if left untrimmed, several northern oceanfront transects in Fig. 3.2a cross over from the front side to the backside of the island and also capture the positions of those shorelines. In 'ambur', the user has the option to pick the first or last intersection of a transect with a shoreline for transects with multiple intersections sharing the same date. However, if any of the dates of the backbarrier shorelines differ from those of the oceanfront, shoreline change calculations will inadvertently include those data and produce erroneous results. The trimming of transects with a double baseline in 'ambur' helps to prevent problems associated with "overshoots" through confining each transect within the shoreline change envelope.

Another problem with the perpendicular method prior to the development of 'ambur' is that transects tend to cross over themselves along segments where the baseline or shoreline is highly curved. The shoreline segment along the southern and northern ends of Jekyll Island in Figs. 2a & b illustrates this dilemma. If the user elects to employ the double baseline method, the 'ambur.transects' function generates a shapefile containing "near" transects by casting transects from the outer baseline to the nearest location on the inner baseline (Fig 2c). The "near" method of transect casting prevents transects from crossing over themselves and conforms them to

curved shoreline segments. The locations of gaps between transects where they meet the inner baseline depend on the smoothness of the baselines and the shape contrasts of the two baselines. Gaps tend to be prevalent when the inner baseline contains multiple cuspate or arcuate shoreline segments. The 'ambur.filtertran' function modifies "near" transect shapefiles to create "filtered" transects that help to minimize these gaps (Fig. 3.2d). Additional smoothing of the baselines also helps to reduce the spacing of these gaps. Both "near" and "filtered" transect methods will not solve all issues with highly curved or irregular shorelines, but initial testing in estuarine and oceanfront areas of the Georgia coast (Jackson, 2009; Jackson et al., 2009) has shown them to be far more reliable than the perpendicular method at quantifying shoreline change.

Analysis Tools

Once transect casting and modification are complete, the 'ambur.capture' function generates a shapefile containing points of the historical locations of the shoreline along each transect by intersecting both transects and shorelines shapefiles. Both shapefiles containing transects and shorelines must contain the required fields to run various analysis functions. The 'ambur.check' function verifies the presence of these fields. Using the point shapefile generated from 'ambur.capture', the 'ambur.analysis' function performs statistical and graphical analyses of the data. The user has the options to interactively choose dates, set the confidence level of the analysis, and select all or a portion of transects to analyze. Immediately following the execution of the 'ambur.analysis' function, a script creates a date and time-stamped folder to store resulting datasets and graphic files (Fig. 3.3). These output files consist of a summary report, data tables, and graphics that include error assessments, plots depicting shoreline change trends, and distribution of dates across the dataset and for each transect. This provides the user with an

overview of the major trends in the dataset without having to manually plot them after each analysis. Furthermore, this allows the user to identify potential errors more efficiently in the dataset through a visual inspection of the plots and identification of outliers and missing data.

The output dataset includes net, minimum, maximum, mean, and standard deviation of shoreline change for each transect, which are useful in ascertaining how far the shore has moved and its variability. In addition, the datasets also include rates of shoreline change using End-Point Rate (EPR), Linear Regression Rate (LRR), and Weighted Linear Regression (WLR) calculation methods widely employed by researchers (Dolan et al., 1991). The function generates a dataset containing shoreline change distances and EPR rates for all possible combination of dates for each transect, which is useful in investigating the variability of shoreline movement during select eras within the dataset. Furthermore, in addition to quantifying distances and rates, the function also determines changes of nominal data at each transect if classification data are present in the historical shorelines shapefile. For example, if the user classifies a given segment of the shoreline as sandy beach for one date and then a seawall for a subsequent date, then the function detects a classification change for those transects located along that shoreline segment. The output file containing classification changes for each transect is useful for subsequent analyses or comparisons with the aforementioned numerical datasets. Data output from the 'ambur.analysis' function provides a step forward in assisting researchers with linking shoreline movement with its morphology, surrounding geologic framework and anthropogenic activities.

Subsequent to the 'ambur' analyses, the user can elect to generate shapefiles from the output files to assist with displaying spatio-temporal trends in GIS using the 'ambur.statshape' function. The

function outputs both point and polyline shapefiles with attribute tables containing data generated from the shoreline change analyses. The "transect envelope" shapefile generated from 'ambur.statshape' provides the extent of shoreline change at each transect, which is useful in showing the maximum seaward and landward excursion of the shoreline along with the net process of erosion or accretion (Fig. 3.4).

Finally, the 'ambur.forecast' function provides users with the capability of extrapolating shoreline change rates at each transect to a given time in the future. The forecasting function generates a new shapefile that contains a polyline of the forecasted shoreline (Fig. 3.5). The currently implemented extrapolation method, a forward extrapolation of the EPR, LRR, and WLR rates, is simple and robust. Although the same extrapolation method is used by many researchers (e.g., Crowell et al., 1997), there is no standard method of forecasting or predicting future shoreline positions. Therefore, this simple extrapolation method is the primary forecasting method included in the package at present.

Future work on 'ambur' will include the development of a user-friendly graphical-user-interface along with added functions for more advanced statistical and graphical analyses. Likewise, a primary focus of the future development will concentrate on improving forecasting capabilities of the package. New transect casting methods that are currently being tested will be included in future releases of the package. In addition to code and scripts provided by the author, researchers will be able to submit code for the 'ambur' package to assist with the further development of existing and new functions. Also, additional tools and scripts will be developed

for other GIS software packages to assist users with preparing shorelines and baselines for use in 'ambur'.

Summary

This manuscript introduces the main functions of the 'ambur' (Analyzing Moving Boundaries Using R) package, which allows rapid assessment of shoreline change trends and forecasting of future locations of the shore. The package is written in the R software environment to provide researchers with an open-source software option for analyzing shoreline change. Advantages of the 'ambur' package being open-source include that it is freely available, can work with most GIS software programs that output ESRI shapefiles, and is customizable to perform additional tasks and analyses. Although the primary application here is for historical shoreline change analysis, 'ambur' can analyze the movements of virtually any physical boundary over time.

Advanced functions for new baseline and transect casting techniques in 'ambur' improve upon the traditional transect method and yield results that are more reliable, in particular for highly curved coastlines. The output of each shoreline analysis provides the user with a series of data tables, summary reports, and graphics with which to quickly assess trends and identify potential problems within their shoreline change datasets, without having to manually plot data following each analysis. If desired, the results of a shoreline analysis are easily converted into point and polyline shapefiles for further analysis in a GIS. Forecasts can also be made using rate calculation methods, such as the EPR, LRR, and WLR, to project future shoreline positions.

The R programming environment is freely available through CRAN (www.r-project.org) and the software will work on most computer platforms. The 'ambur' package will be freely distributed

and the release of a beta version for Windows is planned for May 2010. Initially, the package will be compiled for use on PC computers running Windows operating systems, with plans to compile for use on other operating systems (Mac and Linux) in late 2010. Developed versions of the 'ambur' package will be available through CRAN's R-Forge site at: http://r-forge.r-project.org/projects/ambur/ . A summary of the capability of the package is provided in Table 3.1.

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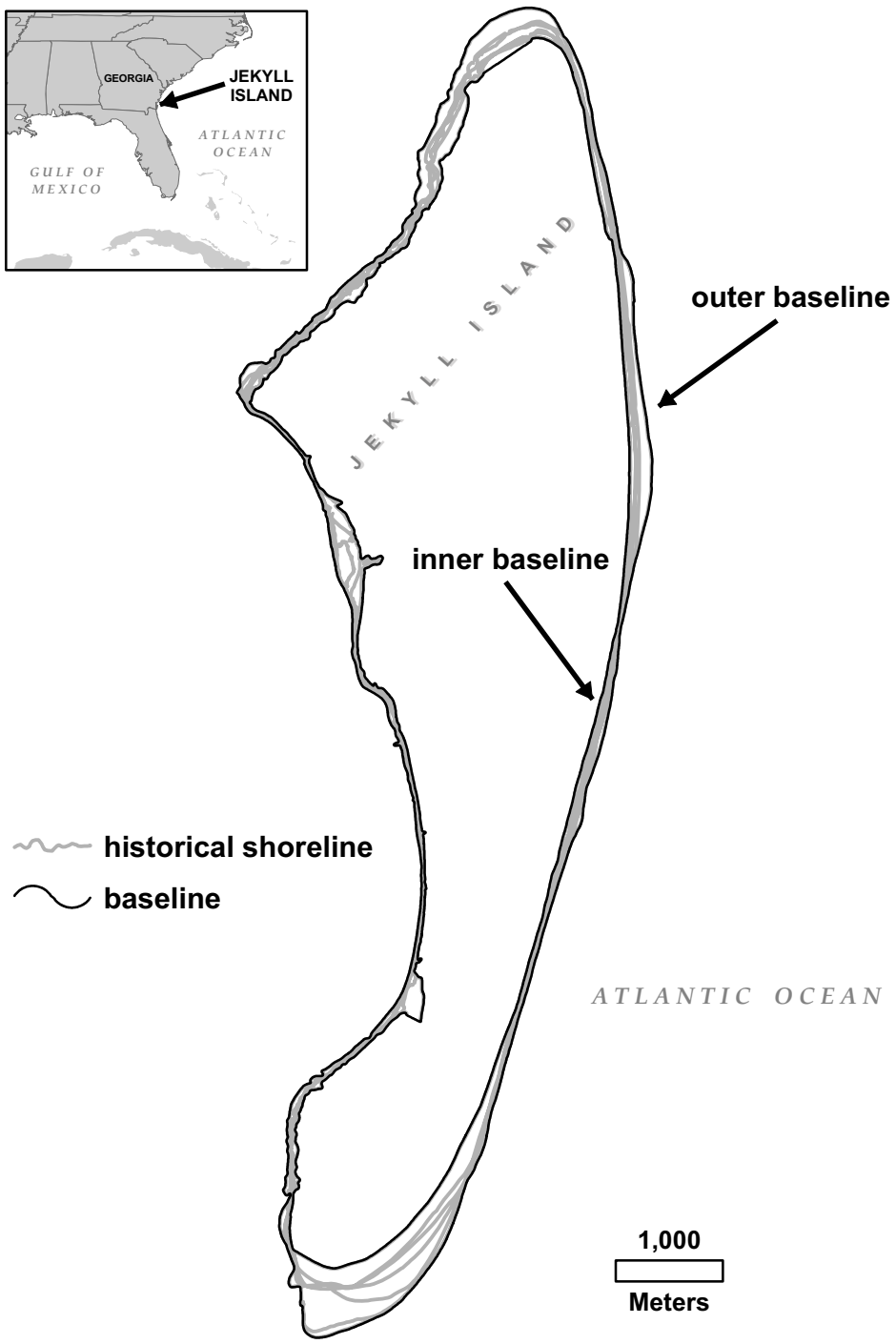


Figure 3.1. Jekyll Island, Georgia location map depicting historical shorelines from 1855 to 2006 (light gray) and offshore (outer) and onshore (inner) baselines (black). Shorelines and baselines were initially digitized and prepared in ArcGIS. Baselines were generated using a 5-meter buffer of the landward (onshore) and seaward (offshore) extent of the shorelines using the ArcGIS buffer tool in ArcToolbox and smoothed with the 'ambur.smooth' function.

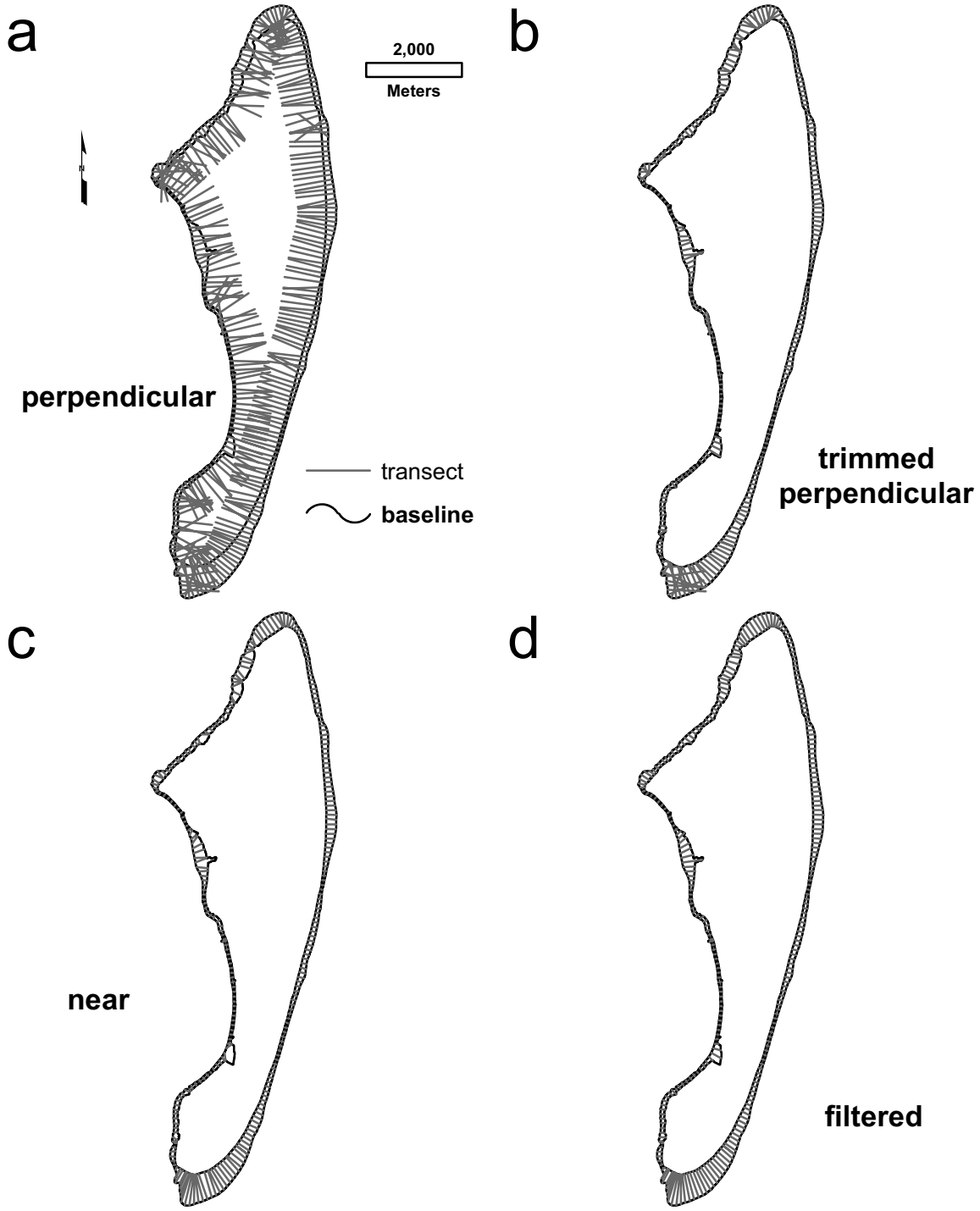


Figure 3.2. Maps depicting (a) traditional perpendicular, (b) trimmed perpendicular, (c) near, and (d) filtered transects casting techniques. All transects are generated using the outer (offshore) baseline as the point of origin and are spaced 100 meters apart. Note that transects generated using the perpendicular method in (a), a technique frequently used by researchers, extend a set length (800 meters) across the shorelines and do not terminate at the inner (onshore) baseline. Transect crossovers and overshoots are visible along the southern end of the island in (a) and (b) whereas none is present in (c) and (d). Larger gaps between "near" transects along the inner baseline in (c) are reduced by using filtering transects (d).

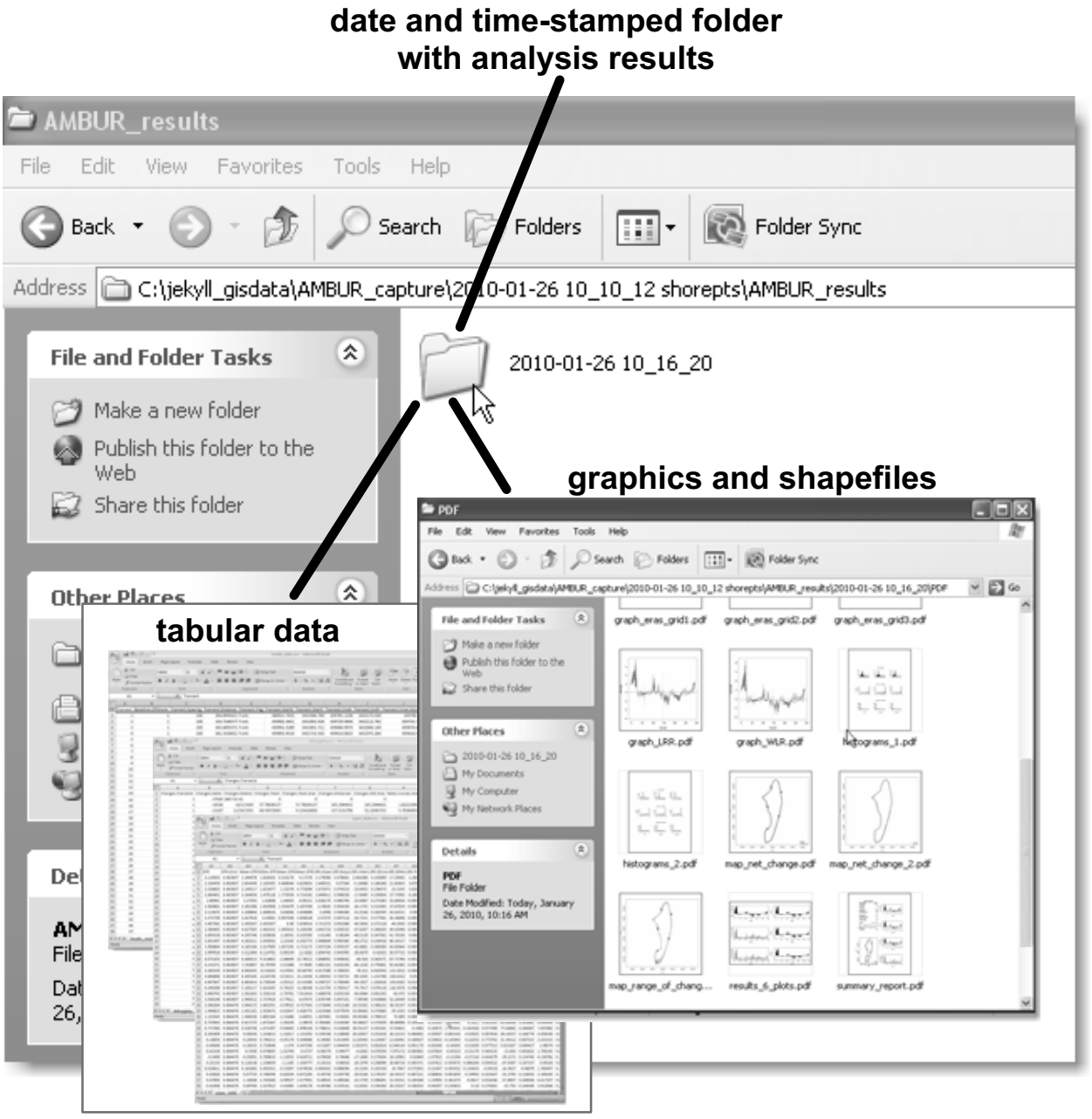


Figure 3.3. Output from shoreline change analysis viewed in a Microsoft Windows XP environment. A date and time-stamped directory is created to hold statistical results, summary reports, graphics, and shapefiles to provide a quick overview and display of shoreline change trends.

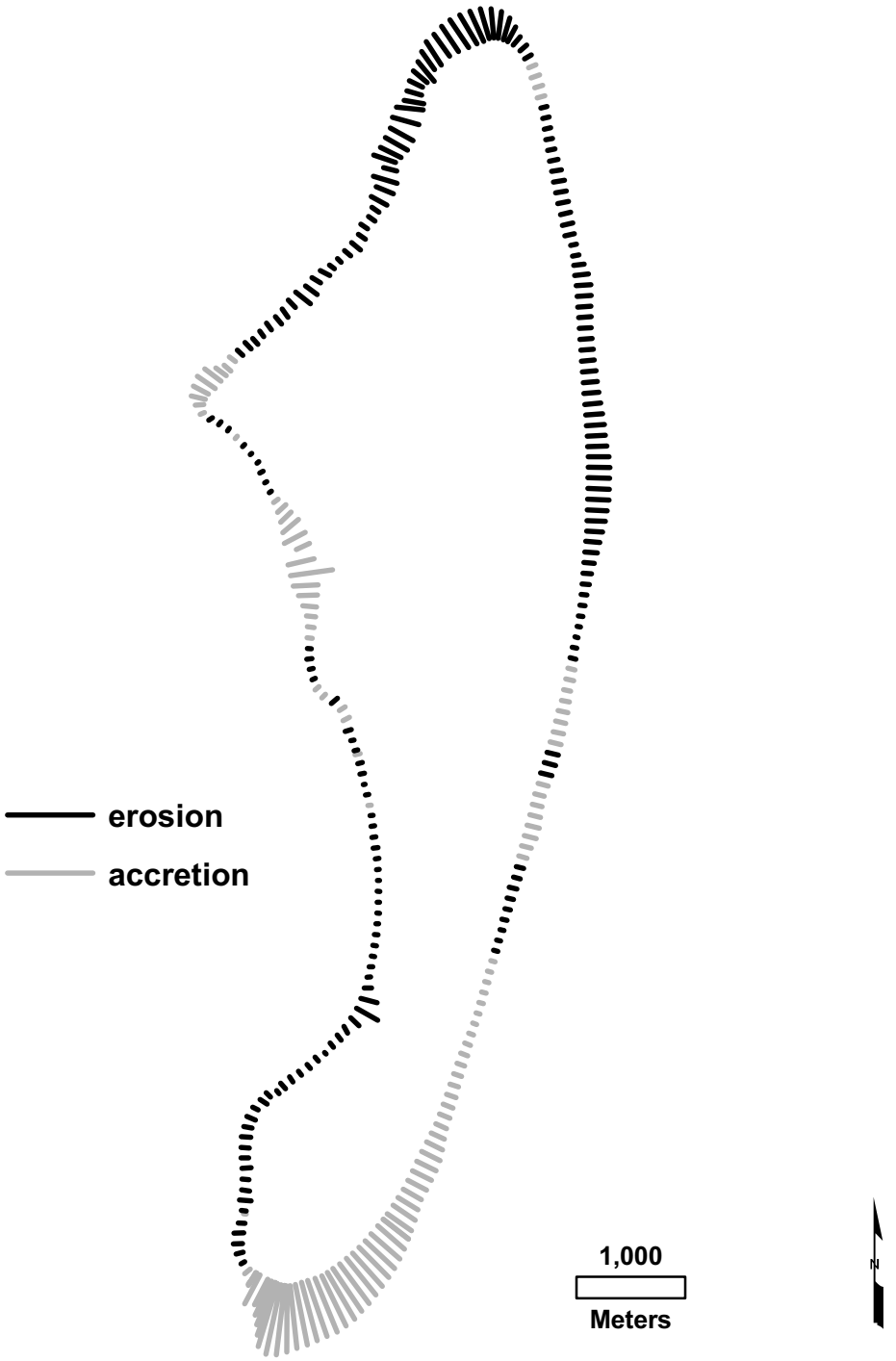


Figure 3.4. Map depicting net shoreline change from 1855 to 2006 using filtered transects. Transects illustrate the shoreline change envelope, or, the maximum extent landward and seaward of shoreline movement. Each transect is spaced 100 meters apart and depict erosion (black) and accretion (gray) based on analysis results stored in the shapefile's attribute table. The shapefile used in the map was generated using the "ambur.statshape" function. The function also generates other shapefiles that provide alternative views of shoreline trends along the island.

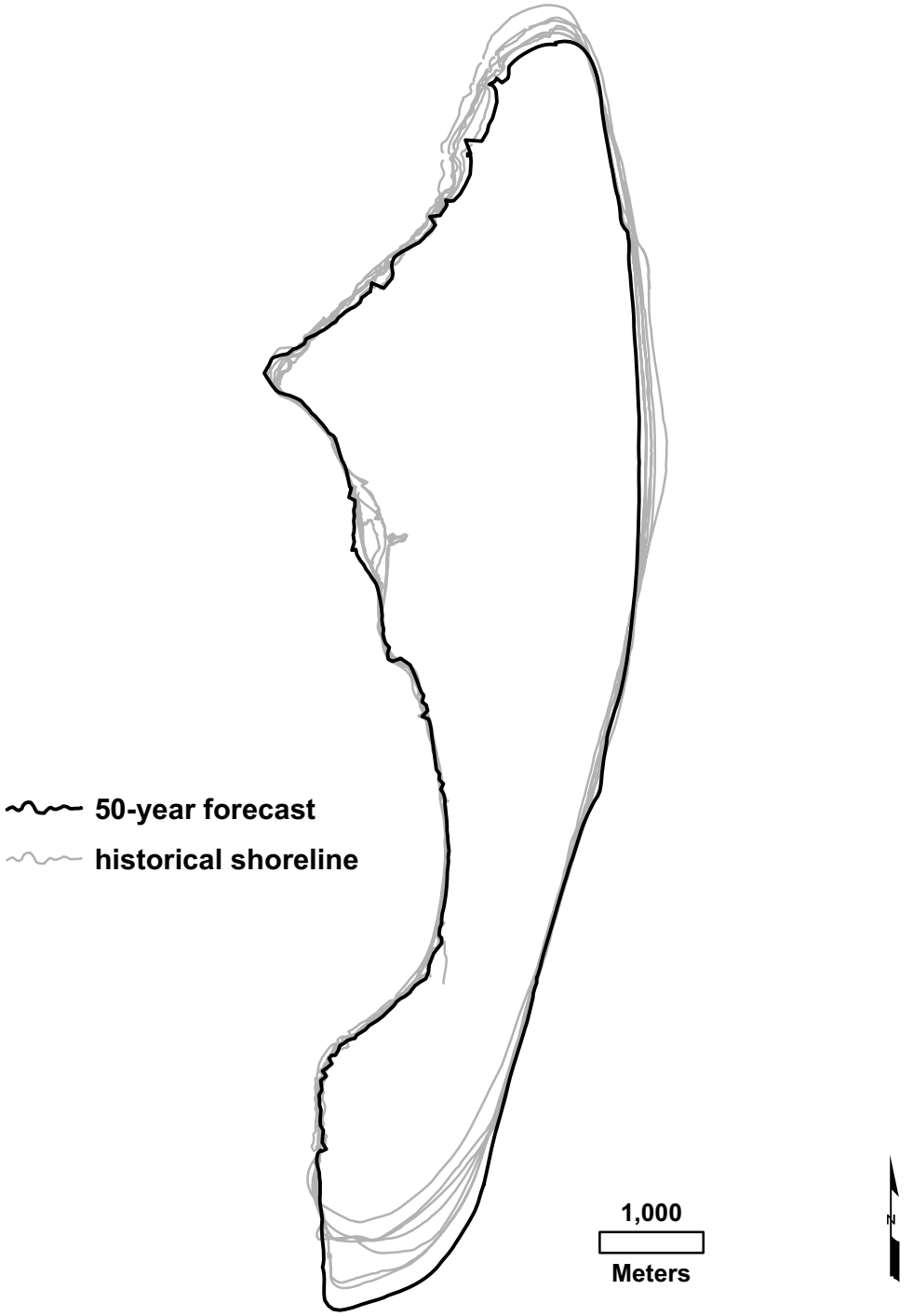


Figure 3.5. Forecasted shoreline position for the year 2056 based on the linear regression rates (LRR) of shoreline change calculated at each transect. Other shoreline change rate calculation models, such as EPR and WLR, can also be used to forecast potential shoreline positions.

Table 3.1. Summary of functions currently available in the 'ambur' package for R.

Function name	Required file(s)	Output/comments	Example(s)
Baselines			
ambur.smooth	baselines	shapefile with local polynomial smoothed polylines	Fig. 3.1
ambur.critical	baselines	shapefile containing critical points of a polyline	
Transects			
ambur.transects	baselines	shapefiles with perpendicular, perpendicular trimmed, and "near" transects	Fig. 3.2 a-c
ambur.filtertran	transects	shapefile with adjusted transect orientations	Fig. 3.2 d
Analysis tools			
ambur.analysis	shorelines & transects	data tables and graphics	Fig. 3.3
ambur.statshape	amber.analysis files	multiple point and polyline shapefiles with shoreline change data attributes	Fig. 3.4
ambur.simplebin	amber.analysis files	graph depicting the shoreline divided up into unique segments	
ambur.forecast	amber.analysis files	shapefiles with polylines of a predicted shoreline position for EPR, LRR, and WLR rate calculations	Fig. 3.5
Utilities			
ambur.check	shorelines, baselines, or transects	checks the shapefile for missing fields required to run other functions	na

CHAPTER 4

APPLICATION OF NEW GIS-BASED TOOLS FOR SPATIO-TEMPORAL ANALYSIS AND CLASSIFICATION OF COMPLEX BARRIER ISLAND SHORELINES: THE GEORGIA COAST, U.S.A[1]

[1] Jackson, C.W., To be submitted to *Journal of Coastal Research*.

Abstract

Long and short-term changes in historical shoreline positions of Georgia's barrier islands were investigated and classified using AMBUR (Analyzing Moving Boundaries Using R), a new package written for R. AMBUR afforded the ability to quantify change along complex shorelines that are highly curved and problematic for existing tools and techniques. Each barrier island shoreline was broken into four zones to better characterize trends and influences from 1855 to 2004: oceanfront, backbarrier, northern inlet-facing, and southern inlet-facing. Throughout the 1855 to 2004 era, 41 % of Georgia's oceanfront shoreline eroded at a mean rate of -1.66 m/yr EPR (± 0.06 m/yr) and the remaining 59 % of the shoreline accreted at 2.25 m/yr EPR (± 0.06 m/yr). The backbarrier eroded along 65 % of the shore at a rate of -0.35 m/yr EPR (± 0.07 m/yr) throughout the period. During the1855 to 1933 era, most of the Georgia oceanfront and backbarrier experienced erosion, while accretion was more prevalent during the subsequent 1933 to 1951 era. Erosion increased throughout the remaining 1951 to 1974 and 1974 to 2004 eras. Approximately 17.6 % of the Georgia coast eroded during at least three of the four study eras and are chronically eroding. Oceanfront and inlet-facing shoreline movements have higher rates across wider envelopes and are more variable than the backbarrier shore. Stable, migrating, and ephemeral inlet processes at the local level exert the greatest influence over oceanfront shorelines. Backbarrier shorelines are primarily influenced by tidal creek migration, proximity to inlets and confluences of other streams. Human activities are influencing erosion and accretion rates through uses of hard/soft stabilization and dredging activities. More than half of the islands exhibit a net seaward shift in area and regressive behavior, whereas Wolf and St. Catherines Islands are thinning and shortening and are transgressive erosional hotspots. Further investigations of the local and regional processes

influencing change and their spatio-temporal importance are needed to understand how these barrier islands evolve and respond to changing climates and sea levels. Using AMBUR, this study improves upon previous studies by extending analysis beyond the oceanfront to inlet and backbarrier shorelines for a true island-wide assessment. AMBUR and R are useful tools for analyzing and managing coast-wide datasets and can be applied to investigate virtually any shoreline type worldwide.

Introduction

The Georgia coast accounts for approximately 4% of barrier islands found along the U.S. shore. Compared to other coastal states, very little is known about the historical movements of Georgia barrier shorelines. Learning how barrier island shorelines behave in response to natural and anthropogenic influences is key to understanding how these complex sedimentary systems evolve over time. In the wake of coastal population increase and concerns over the impacts of global climate disruption, high-resolution shoreline studies are crucial to developing sound management plans and policy. Fortunately, most of Georgia's barrier islands are undeveloped and are exemplary sites to study shorelines with little or no human impacts. Unfortunately, because most of these islands are undeveloped and protected, there is growing pressure to open pristine areas to development. As a result, there is a need for a comprehensive, coast-wide shoreline change study to provide baseline data for both science and policy for Georgia. The purpose of this study is to employ new tools and techniques to quantify and classify shoreline change for the entirety of each barrier island shoreline, not only the oceanfront, and to ascertain the major influences shaping the shore. These data lay the groundwork to meet the need for

current information and lays the foundation for future coastal geological and management studies.

Regional Coastal Characteristics

The Georgia coast lies at the apex of the Georgia Bight, which extends a distance of approximately 1200 km between Cape Canaveral, Florida and Cape Hatteras, North Carolina. It is classified as a tide-dominated, mesotidal barrier coast with mixed energy environments (Hayes 1979, 1994; Davis and Hayes, 1984). The coast is composed of individual islands and multi-barrier units or complexes that front expansive tidal marshes and estuaries (Figure 4.1) separated by relatively large tidal inlets. Some of the barrier islands are composed of Pleistocene cores fronted by younger Holocene sediments (Figure 4.1). The mean higher high water (MHHW) tidal range recorded at Ft. Pulaski, Georgia near Savannah was 2.3 meters and 2.0 meters at Fernandina Beach, Florida near Cumberland Island during the 1983 to 2001 tidal epoch (NOAA, 2010a). Mean annual sea levels recorded at the Ft. Pulaski tide gauge show a general increase in height since 1935 (Figure 4.2). The estimated long-term sea level rise rate is approximately 0.3 m based on the past 70 years (NOAA, 2010b).

The mean significant wave height for deepwater waves recorded at Gray's Reef buoy "41008" located 40 nautical miles southeast of Tybee Island was approximately 1.0 meters based on available data between 1988 and 2001. However, most waves breaking at the shore are less than 0.3 meters because of frictional interaction with the bottom (Tanner, 1960). Between Charleston, South Carolina and Jacksonville, Florida, a majority of deepwater wave energy is directed southward at over 3 x 10^{10} ergs/m/sec (Nummedal et al., 1977). Although a large percentage of

winds are directed offshore from the northwest, most energetic winds tend to originate from the northeast or southwest along the coast (Figure 4.1). Oertel and Howard (1972) found that the net direction of longshore sediment transport is northerly during Spring and Summer, and southerly during Fall and Winter months. Annually, net longshore sediment transport is directed from north to south along the Georgia coast with local reversals occurring near inlets (Oertel and Howard, 1972).

The Savannah, Ogeechee, Altamaha, Satilla, and St. Marys Rivers deliver sediment to the coast that are derived from a variety of sources within the Coastal Plain, Piedmont, and Blue Ridge geological provinces of Georgia. Based on data spanning from 1933 to 2009, the Altamaha River has the largest annual discharge at the coast of approximately 378 m^3/sec, while the St. Marys River has the lowest discharge that is about 18 m^3/sec near the coast (Figure 4.3). The volume of discharge of these rivers is largely contingent on the amount of precipitation received across their respective watersheds and can increase or decrease considerably depending on the number and persistence of storms. Periods of reduced discharge that coincide with lower annual rainfall amounts often indicate periods of drought (Figure 4.3). A study conducted by the USGS (2000) identified six droughts that affected Georgia from 1930 to 1935, 1938 to 1944, 1950 to 1957, 1980 to 1982, 1985 to 1989, and 1998 to 2000 based on stream discharge data recorded at various streams within the state. In addition to times of possible drought, periods of increased rainfall and discharge are also identifiable during the late 1940s, mid 1970s, and late 1990s (Figure 4.3). Some of these rainfall events include tropical cyclones that pass over Georgia and provide excess precipitation.

Landfalling tropical cyclones can have a profound effect on shoreline change through elevated storm tides and waves. A summary of storms making landfall along the Georgia oceanfront is provided in Table 4.1. The Sea Islands storm of 1893 made landfall in the vicinity of Ossabaw Island, passing near Savannah, and caused widespread damage due to storm surge that submerged large areas of barriers islands along the northern Georgia coast (Carter, 1970). However, tropical cyclones do not have to make landfall in order to affect the shoreline. The sustained winds of these storms, which can often elevate tides and wave heights that affect the shore, can extend out 100 km or greater from the center of low pressure. Hurricane Dora, estimated at a Category 3 on the Saffir-Simpson scale, made landfall outside of Georgia near St. Augustine, Florida in 1964 and had a profound effect on beach erosion along the southern Georgia coast. Since 1850, the paths of approximately 115 tropical cyclones have passed within a 100 km radius of the Georgia coast and only 20 storms have made landfall along its oceanfront (Table 4.1, Figure 4.4). A majority of tropical cyclones affecting the coast since 1850 had a wind speed between 70 and 110 km/hr. Prior to 1900, there was more storm activity within the coastal region. Since that time, the number of Category 1 or higher storms has decreased, but the frequency of tropical cyclones has remained relatively constant (Figure 4.4).

Shoreline Setting

Most of Georgia's natural oceanfront is a sandy shorescape typically composed of beaches fronted with ridge and runnel topography at low tides, and backed by expansive dune fields and ridges. In undeveloped areas, the recreational beach is usually tens of meters wide between the high water line and incipient dunes or stable vegetation. Overwash features are often visible on islands with foredunes that are low (< 2m) in elevation or that do not form a continuous berm.

Furthermore, highly eroding segments of the oceanfront sometimes contain prominent scarps, peat outcroppings, ghost forests, and uprooted vegetation. The greatest length of oceanfront shoreline among the barrier islands occurs along Cumberland Island at approximately 28.5 km long, which accounts for over a fifth of the Georgia oceanfront shore. Of the remaining islands, St. Simons has the shortest oceanfront at just over 1 km in length.

Unlike substantial reaches along the Georgia oceanfront, wide, sandy beaches are not a dominant feature along the backbarrier shore and are in fact quite rare. Instead, the backbarrier shorescape is composed of a mixture of dense to moderately vegetated dunes and sediment banks, maritime forests, and marsh platforms. The elevation of most dunes and sediment banks range from 1 to 3 meters, however, elevations exceeding 5 meters occur along Pleistocene dunes such as those found along northeast Cumberland Island. The backbarrier shoreline of Cumberland Island at approximately 37 km long is second to that of St. Simons Island with about 48 km of backbarrier shoreline. Together, these account for almost a third of Georgia's backbarrier island shore.

The shore adjacent to an inlet is generally a mixture of both oceanfront and backbarrier shorescapes. In addition to the aforementioned features comprising those environments, ebb and flood channels typically front these areas and the shoreline is often located at the terminus of a recurved spit or series of dune ridges. The terms "northern inlet-facing" and "southern inlet-facing" used in this study refers to the location of the shoreline adjacent to inlets at the northern and southern ends of each barrier island.

Previous Studies

Of all of the coastal states, Georgia is the least studied in terms of shoreline change (Langley et al., 2003). In addition, most shoreline change studies conducted on the Georgia coast have only concentrated on oceanfront shorelines (Kaye, 1961; USACOE, 1971; Oertel and Chamberlain, 1975; Nash, 1977; Griffin and Henry, 1984; Dolan et al., 1985; Langley et al., 2003; Morton and Miller, 2005). Furthermore, only a few studies exist that quantify some aspect of backbarrier shoreline erosion along the Georgia coast and very little is known about the lateral movements of tidal channels that might influence these shoreline changes (Frey, 1973; Frey and Basan, 1985; Benoit, 1978; Jackson, 2006; Jackson et al., 2007).

Kaye (1961) conducted the first detailed study of shoreline change along the Georgia coast and published the first map depicting coast-wide trends of erosion and accretion along the oceanfront. The study involved a field-based reconnaissance of each barrier island and detailed descriptions of island morphology. The study did not quantify the rate or magnitude of shoreline change; however, it did estimate the spatial extent of erosion along the oceanfront and possible mechanisms influencing change.

Oertel and Chamberlain (1975) quantified rates of shoreline change along the oceanfront of Georgia from Tybee to St. Catherines Island, nearly half the length of the coast. They looked at erosion and accretion trends using maps and aerial photography spanning a 78-year period from 1897 to 1975. The authors calculated the change in shoreline position along 50 shore-normal transects established at various points along the study area. The study revealed that net accretion occurred along Tybee and Little Tybee at 0.3 to 0.7 m/yr respectively and erosion along St.

Catherines at -4.0 m/yr. The study also estimated accretion rates along Wassaw and Ossabaw Island averaged almost 3 m/yr.

Nash (1977) and Griffin and Henry (1984) were the first to quantify coast-wide shoreline change along Georgia. Using historical maps and aerial photos, they provide assessments of erosion and accretion for each barrier island's oceanfront and relate processes to change. Unfortunately, they did not provide any data on where their measurements were made in order to use them as a baseline for further investigations. However, it is the most thorough treatment of shoreline change of Georgia's oceanfront to date and provides a starting point for this study, even given the limited technology used to conduct their research. The study concluded that there was no discernable net erosion for the oceanfront between 1857 and 1982. The study also found a reduction in accretion across the linear extent of the oceanfront. Subsequently, Langley et al. (2003) used georectified images of maps within a GIS framework to quantify shoreline change rates for Wassaw and St. Catherines Islands. The study found that shoreline change rates along Wassaw Island's oceanfront ranged from -1.2 to 6.0 m/yr, and, -1.6 to -10.1 m/yr along St. Catherines Island.

National studies of U.S. shoreline change also provide information about Georgia. Dolan et al. (1985) used computer-based methods to calculate shoreline change along the U.S. coastline and quantify erosion and accretion rates. The study estimated a mean annual rate of accretion of 0.7 m/yr with a standard deviation of 2.8 m/yr. Rates along Georgia ranged from -4 m/yr (erosion) to 5 m/yr (accretion).

The most recent national study of shoreline change to include Georgia is the USGS' National Assessment of Shoreline Change (Morton and Miller 2005). The study is GIS-based and quantifies shoreline change rates along shore-normal transects spaced at 50 m intervals along the coast. Morton and Miller (2005) estimate a mean change rate of 1.0 m/yr (accretion) for the entire Georgia oceanfront with a standard deviation of 2.7 m/yr from 1851 to 1999. They also estimate that overall, 65 % of the coast experienced net accretion at a mean rate of 2.4 m/yr. The study found that long-term shoreline erosion along the other 35 % of the shoreline during that period occurred at -1.5 m/yr.

Benoit (1978) was the first to look at backbarrier shoreline erosion on a coast-wide scale along the length of the Atlantic Intracoastal Waterway in Georgia. This qualitative study concentrated on delineating the spatial extent of erosion and the natural and artificial processes promoting change adjacent to the waterway. Unfortunately, not all barrier islands in Georgia share a shoreline with the waterway; however, the study does provide insight into the impacts of human activity and hard stabilization on estuarine shorelines. The study concluded that 34 % of the 298 km-long shoreline of the waterway is eroding and that boat wakes and tidal scour are the two major influences.

Unfortunately, early shoreline change analyses prior to Morton and Miller (2005) were limited by available technology and fall short of the higher degree of accuracy afforded by recent GIS and digital shoreline mapping programs (Crowell et al., 1991; Danforth and Thieler, 1992a,b; and Thieler and Danforth, 1994a,b). Regardless, all of the previous studies were limited to the oceanfront shoreline or partially addressed the backbarrier. A number of other shoreline-related

studies that include coastal Georgia have focused on barrier island development, migration, coastal engineering, beach replenishment, and dredging projects (Pilkey and Richter, 1965; Hoyt and Henry, 1967; Frey and Howard, 1988; Clayton et al., 1992). However, to date, there is no published study on the recent evolution (last ~150 years) of Georgia's barrier island complexes based on high resolution, island-wide shoreline change data. In summary, previous studies of the long- and short-term trends of shoreline change of each barrier island were conducted using limited data, technologies, and geographic areas.

Methodology

The methods of compiling and analyzing a coast-wide historical shoreline database for the Georgia coast took place in three distinct phases. First, various shoreline data sources, such as aerial photos and maps, were obtained and converted into georectified digital imagery for use in a GIS. Second, shoreline position data was extracted from these data sources through manually digitizing features in the GIS. Finally, spatio-temporal analyses of the shoreline were performed utilizing GIS-based tools and the results were ground-truthed through field observations at select locations to verify erosion and accretion trends. A schematic of the second and third phase of the project is provided in Figure 4.5.

Acquisition and Preparation of Shoreline Data Sources

Controlled historical aerial photographs, coastal charts, and survey maps can provide a wealth of shoreline and coastal geomorphologic data. Unfortunately, of the limited number of historical maps and imagery that exists for the entire Georgia coast prior to the 1970s, few are sufficient for shoreline change mapping compared to available data sources for neighboring states. Many

sets of historical aerial photographs of barrier islands are incomplete both spatially and temporally. In some of the imagery, segments of an island's shoreline might not appear in the photographs either due to a limited flight line or because it was obscured by vegetation. Furthermore, the resolution of the imagery of some coast-wide maps is too coarse to adequately delineate coastal features with minimal error and sufficiently detect change. Representative sets of maps and imagery depicting the entire Georgia coast were obtained from the USGS, National Ocean Service (NOS), U.S. Department of Agriculture, and NOAA's Coastal Service Center.

The earliest maps depicting reasonably accurate shoreline positions of Georgia's barrier islands can be found on coastal survey maps from NOS, formally known as the United States Coast and Geodetic Survey (Shalowitz, 1964). These topographic sheets of the U.S. coastline, commonly referred to as T-sheets, were constructed from rigorous plane-table surveys based on the position of the high-water line (Shalowitz, 1964). T-sheets have been repeatedly upheld as accurate maps of shoreline position by U.S. courts (Shalowitz, 1964). Historical T-sheets and other survey maps were processed using methods outlined in Langely et al. (2003). Although some maps were previously obtained already georectified, the quality of each map was assessed using methods presented in Daniels and Huxford (2001) and re-georectified to improve mapping accuracy. Since spatial data (i.e. shoreline positions) obtained from aerial photographs and maps hinge on the accuracy by which imagery is georectified, different precautions were taken to make certain these data meet or exceed National Mapping Accuracy Standards. A target RMS value of less than 5 meters was sought for each data source and was easily obtained from higher quality imagery.

Digital Orthophoto Quarter Quads (DOQQs) obtained from the USGS provided complete coverage of the GA coast in 1993 and 1999, however, the backbarrier shoreline could not be completely delineated from the images because it was obscured by poor resolution and/or color balancing of the imagery. Instead, a set of individual orthophotos were created from each flight line of a NOAA high-resolution shoreline survey conducted for the Georgia coast between 2002 and 2004. Having individual flight lines and orthos instead of large orthophoto mosaics, such as the 1993 and 1999 mosaics, provides alternative views of a shoreline that might be obscured by "leaning" vegetation or features in one flight line but not in an adjacent one. The estimated horizontal accuracy of these orthophotos is less than 5 meters and the resolution is 1 meter/pixel. In addition to these orthophotos, a high resolution set of orthophoto mosaics was also obtained from the USGS that covered the entire Georgia coast at a resolution of 0.5 meters/pixel and an estimated horizontal accuracy that is also less than 5 meters. Unfortunately, a coast-wide shoreline could not be completely delineated from the more recent 2006 due to the aforementioned image problems and the shoreline being obscured by vegetation.

Digitization of Shoreline Positions

The process of extracting shoreline positions from historical imagery involved digitally tracing shoreline features onscreen in ArcGIS. The high-water line (HWL) or wet/dry line was selected as the primary indicator of shoreline position given its widespread use in numerous shoreline change studies and its reliability as a shoreline datum (Dolan et al., 1978; Dolan et al., 1980; Dolan et al., 1991; Pajak and Leatherman, 2002). In general, the HWL is easily identifiable on a barrier island's oceanfront along sandy beaches, however, it is more difficult to delineate along backbarrier and some inlet-facing shorelines. In those cases, the apparent shoreline was mapped

using the edge of a marsh platform, scarp, bluff toe, or the base of a vegetated bank. This methodology is consistent with shoreline features mapped on earlier T-sheets and later coastal survey maps from NOS. Shorelines were digitized in ArcGIS at a scale of 1:1,500 or larger and converted into an ESRI polyline shapefile for each data source. Once all shorelines were digitized and exported as shapefiles, they were combined into one master GIS shoreline shapefile. Table 4.2 provides a list of the historical shorelines compiled for this study and their data sources.

Analysis of Shoreline Change

Quantifying distances and rates of shoreline movements was performed using the AMBUR (Analyzing Moving Boundaries Using R), a package for the R programming environment (R Development Core Team, 2009). AMBUR (Jackson, 2009) performs geospatial tasks and advanced statistical and graphical analyses of shoreline change outside of GIS using R's extensive capabilities. The program employs the 'baseline and perpendicular transect' method, a common technique used amongst coastal scientists, for measuring distances and rates-of-change along the shoreline. However, improved transect casting functions are available in AMBUR that better negotiate curved shorelines that are problematic for the perpendicular method. Transects established in a perpendicular orientation along a highly curved baseline tend to cross themselves before intersecting the shoreline or are at highly oblique angles to the true direction of the shore movement. As a result, calculations of change might grossly overestimate and/or underestimate rates of shoreline change.

Given the problems experienced with casting perpendicular transects along curved coasts, a new method was developed using AMBUR's "filtered" transect casting function. Unlike the traditional perpendicular transect method that uses a single baseline located seaward or landward from which to cast transects, the filtered transect method uses both an inner (landward) and outer (seaward) baseline in tandem to orient transects across the shorelines. This technique results in very few or no transects crossing each other around curves, transects are confined within the shoreline change envelope and do not overshoot past the baselines to intersect other shore locations across the island, thus providing a better approximation of shoreline change. The term "shoreline envelope" is defined as the maximum extent landward and seaward the shoreline has occupied within a given time period. In this study, a 5-meter buffer both landward and seaward of the historical shoreline change envelope are used as baselines for casting filtered transects. Transects were cast from the outer baseline to the inner baseline in AMBUR and spaced at 50-meter intervals.

Additionally, the baselines for each island were partitioned into oceanfront, backbarrier, northern inlet-facing, and southern inlet-facing shoreline regions for each barrier island. AMBUR was employed to generate 50 critical vertices for the inner baseline polylines (Figure 4.5). Fewer vertices (at least 4) can be delineated for islands with simple shapes, however, Georgia's barrier island are highly irregular/complex in shape and more points better approximated these complex shapes. The process involves simplifying the shape of the island by removing extraneous vertices and keeping only 50 critical points to construct a more generalized shape of the island. These critical points are useful in locating positions along the shoreline where shifts in orientation occur and curves begin. Inlet-facing shorelines were delineated by choosing a critical

point on the inner baseline along the oceanfront that marked an increased change in orientation and the initial point of curvature of the end of the island. This point marks the boundary between the oceanfront and inlet-facing shoreline. Furthermore, a similar point along the backbarrier marks the terminal point of curvature and/or shoreline that faces the inlet. Although the length of inlet-facing shorelines varied considerably using this method, given the complex shapes of the barriers, it provides a useful way for separating inlet-spit shoreline movements (noise) from oceanfront shoreline change.

The last stage of GIS analysis involved creating polygons of each island and intersecting them to determine areas of erosion and accretion across the shoreline change envelope. The results of the intersections were imported into R and analyzed to determine the percentage of the area of shoreline change attributed to erosion for each era. This calculation provides a more useful way to determine if there is truly net erosion or accretion occurring along a shoreline. For example, greater than half of the length of a shoreline might erode alongshore based on transect data, however, if more than half of the area of the envelope is accreted, then there is a net gain for the island. This technique provides an alternative to determining shoreline recession where suitable volumetric data are not available.

In addition to calculating the percent erosion of the length of a shoreline and its shoreline envelope, other metrics were used to ascertain shoreline behavior. The end-point rate (EPR) and "least-squares fit" linear regression rate (LRR) calculation, widely used by state and local agencies (NRC, 1990), were the primary methods used to estimate both long-term and short-term shoreline change rates at each transect for the current study. Although shoreline change is not

necessarily a linear process, especially adjacent to inlets, these linear models provide the best approximation of annual change rates (Crowell et al., 1991) and delineation of shoreline segments that experience chronic erosion. The term, "chronic erosion" is used to describe shorelines that eroded during at least three of four eras based on EPR calculations for those time periods.

Finally, the standard deviation of EPR rates for each era was calculated at each transect to investigate the variability of the movement of a shoreline. Generally, a higher standard deviation indicates a more mobile shoreline with fluctuating rates, direction, or magnitude of change. A lower standard deviation might indicate a shoreline that moves at a consistent rate or within a smaller envelope.

Results

A total of 10,028 transects were established for the Georgia coast using AMBUR. The results of the study are broken down into oceanfront, backbarrier, and inlet-facing shorelines for each barrier island in order to better convey island/coast-wide trends and facilitate comparisons with other studies. There was a coast-wide total of 2487 oceanfront transects, 6111 backbarrier transects, 516 northern inlet-facing transects, and 914 southern inlet-facing transects for the study. Most state-wide or regional scale investigations in the U.S. tend to concentrate solely on the oceanfront, either due to limited techniques, incomplete data or lack of barrier islands. Although fewer in number, studies focusing on other barrier shoreline localities in addition to the oceanfront often report backbarrier, "bayside", "lagoon side", "estuarine", or inlet changes separately. Tables 4.3 and 4.4 provide summaries of short and long-term shoreline changes,

respectively, for each island based on four sections of the barrier shore: oceanfront, backbarrier, northern inlet-facing, and southern inlet-facing. Long-term shoreline change data spans period from 1855 to 2004. Short-term eras include the periods between 1855-1933, 1933-1951, 1951-1974, and 1974-2004. Shoreline change rates for short-term eras reported below are solely from the EPR calculation method whereas long-term rates are reported from EPR and LRR calculations. Positive values denote accretion, whereas negative values indicate erosion. Figure 4.6 depicts erosion and accretion trends of the Georgia coast for each of the study periods and Figures 4.7 thru 4.15 provide maps depicting historical shoreline changes for the individual islands.

Tybee and Little Tybee Islands

During the 1855 to 2004 era, shoreline movements along the Tybee barrier island complex were not uniform between Tybee and Little Tybee Islands (Figure 4.7). Little Tybee's oceanfront is the more active of the two islands. Shoreline movements along Little Tybee have taken place across an envelope ranging from 200 to 800+ meters, whereas the Tybee oceanfront remained confined to a narrower envelope for most of the study period. Little Tybee experienced mostly accretion during each era in the study, however, the area of erosion increased across time. During the period from 1855 to 1933, the Little Tybee shoreline accreted at a mean rate of 3.27 m/yr (± 0.13 m/yr) and increased to 20 m/yr (± 0.35 m/yr) by 1974. The percent area of shoreline change attributable to erosion, however, nearly equaled that of accretion at the end of the last era in 2004. Throughout the entire period from 1855 to 2004, net accretion occurred along the Little Tybee oceanfront at a rate of 1.71 m/yr EPR (± 0.07 m/yr).

Unlike Little Tybee, the stability of the Tybee oceanfront is due to historical shoreline armoring and beach nourishment projects dating from the late 1800s to present. Unfortunately, these projects mask the true nature of shoreline evolution and therefore rates of change are less meaningful. However, the 1855 to 1933 era best represents the oceanfront shoreline's behavior in a semi-natural state. During this time, the oceanfront retreated at a mean rate of -4.39 m/yr (± 0.17 m/yr) across 77 % of the area of the shoreline change envelope. The most notable erosion occurred along a northern segment where a prominent bulge was located. Rates of erosion along this region were as high as -7.3 m/yr (± 0.13 m/yr).

The rates of shoreline movement along the backbarrier of the complex were generally lower throughout the 1855 to 2004 era than that of the oceanfront. Net long-term shoreline erosion rates for Tybee and Little Tybee's backbarrier are -0.29 and -0.48 m/yr (± 0.07 m/yr) respectively. The mean rate of change for both islands for the era is approximately 0.1 m/yr (± 0.07 m/yr) and both islands experienced a net gain of area. Chronic erosion mostly took place along the cutbanks of meanders of tidal streams and accretion along the inner shoreline of the meanders. Long-term erosion rates did not exceed -0.72 m/yr (± 0.07 m/yr) at the cutbanks and rates of accretion were below 0.60 m/yr (± 0.07 m/yr). However, a segment of backbarrier shoreline located close to Wassaw Sound near the southwest portion of Little Tybee rapidly eroded between the 1855 to 1933 era at rates up to -2 m/yr (± 0.13 m/yr).

In general, inlet-facing shorelines of the barrier complex located adjacent to Wassaw Sound and Tybee Creek Inlet were relatively persistent in their direction of movement. That is, these shorelines consistently eroded or accreted throughout the study period. The southern ends of

both Tybee and Little Tybee accreted whereas the shoreline retreated rapidly along northern Little Tybee. Shoreline erosion along the "Little Tybee hotspot" accelerated during the 1974 to 2004 era where the shoreline retreat rate was as high as -14.65 m/yr (± 0.30 m/yr). In contrast to the other inlet-facing shorelines, the north end of Tybee exhibited alternating periods of erosion and accretion. Marked accretion occurred during the 1855 to 1933 era when a spit shoreline prograded north approximately 550 m. During this era, a pier was constructed at the spit terminus. The spit retreated about 400 meters during the subsequent 1933 to 1951 era; however, it rebounded during 1974 to 2004 and advanced approximately 300 meters at 10.7 m/yr (± 0.30 m/yr).

Wassaw Island

The oceanfront of Wassaw had a history of net deposition for most of the study period (Figure 4.8). The 1855 shoreline illustrates a large accretionary bulge along the northern portion of the island. During the 1855 to 1933 era, 76 % of oceanfront shoreline prograded at a mean rate of 3.27 m/yr (± 0.13 m/yr). However, the accretionary bulge was worn away at a mean erosion rate of -1.91 m/yr (± 0.13 m/yr) during this time. Immediately south of the bulge, the shoreline advanced at rates up to 3.89 m/yr (± 0.13 m/yr) southward to the location of a nodal point. The nodal point at this location marks an alongshore change in character of shoreline behavior where a shift occurs between erosion to the north and accretion during the period from 1933 to 2004. The shoreline change envelope is effectively "pinched" at a nodal point (Figure 4.8). Although this shoreline segment between the node and bulge rapidly accreted during the 1855 to 1933 era, the area experienced mostly erosion during subsequent eras. Likewise, a shift in process during the most recent era occurred along northern and southern portions of the oceanfront. During the

1974 to 2004 era, the shoreline eroded at rates ranging from -0.20 to -1.80 m/yr (± 0.30 m/yr) along the southern segment and accreted at rates as high as 4.00 m/yr (± 0.30 m/yr).

Unlike the oceanfront, the backbarrier experienced mostly erosion throughout the 1855 to 2004 era. The mean annual rate of shoreline erosion for the era was -0.50 m/yr EPR (± 0.07 m/yr). Both mean accretion and erosion rates did not exceed 1 m/yr during each of the study eras. Similar to the Tybee complex, chronic erosion is concentrated along the cutbanks of meanders. Notable erosion persisted during the era at the convergence of the Odingsell River and Wassaw Creek. Overall, the backbarrier shoreline is retreating at rates ranging from -0.61 to -0.87 m/yr (± 0.07 m/yr) EPR.

Immediately south of the Odingsell-Wassaw convergence, a nodal point marks a transition from the backbarrier to the inlet-facing shoreline. The inlet shoreline or "shoulder" prograded at mean rates ranging between 3.18 m/y (± 0.13 m/yr) and 11.78 m/yr (± 0.34 m/yr) during study eras between 1855 to 1974. However, a shift from mostly accretion to mainly erosion occurred during the 1974 to 2004 era where two-thirds of the shore eroded at a mean rate of -1.08 m/yr. Conversely, the inlet-facing shoreline at the northern end of the island accreted during the 1974 to 2004 era following a long period of chronic erosion. Mean erosion rates prior to 1974 were between -1.34 m/y (± 0.13 m/yr) and -3.79 m/yr (± 0.34 m/yr). Subsequently, the northern inlet-facing shoreline advanced at a mean rate of 2.12 m/yr (± 0.30 m/yr).

Ossabaw Island

Although two-thirds the length of Ossabaw's oceanfront eroded from 1855 to 1933, there was net accretion due a large area of progradation along the central shore (Figure 4.9). Progradation occurred at a mean rate of 5.62 m/year (± 0.13 m/yr) along an accretionary bulge, while oceanfront retreat averaged -2.28 m/yr south of the feature. As a result, the oceanfront has experienced net progradation since 1855. Likewise, the adjacent inlet-facing shorelines also prograded throughout the 1855 to 2004 era. The shoreline along the northern end outpaced the rate of accretion occurring along the southern inlet-facing shore in every era. Accretion rates were similar for both the northern and southern end during the 1855 to 1933 era and were 2.32 and 2.28 m/yr (± 0.13 m/yr), respectively. At the close of the 1974 to 2004 era, the mean rate of accretion increased to 3.34 m/yr (± 0.30 m/yr) along the northern inlet shore while the accretion along the southern end of the island dropped to a mean rate of 1.09 m/yr (± 0.30 m/yr).

Shoreline movement along the backbarrier exhibited a cycle of advance and retreat across the study period. Net erosion occurred at a mean rate of -0.42 (± 0.13 m/yr) earlier in the study period between 1855 and 1933. A transition to mostly accretion took place during the subsequent 1933 to 1951 era where backbarrier erosion was slightly outpaced by net progradation. The 1951 to 1974 era was marked by shoreline accretion at a mean rate of about -0.97 m/yr (± 0.35 m/yr). Finally, by 2004 the shoreline returned to net erosion with 71 % of the shore eroding at a mean rate of -0.81 m/yr (± 0.30 m/yr). Overall, the long-term trend of the movement of the backbarrier shore is retreat at a rate of -0.29 m/yr (± 0.06 m/yr). In spite of this trend, areas of persistent accretion exist along the inner or point bar features of the meanders of the Bear River at rates up to 1.35 m/yr for the 1855 to 2004 era.

St. Catherines Island

Shoreline erosion along St. Catherines was pervasive throughout the 1855 to 2004 era (Figure 4.10). The oceanfront suffered a greater loss in area than inlet and backbarrier shorelines. With the exception of the 1933 to 1951 era, greater than 80 % of the oceanfront retreated at a mean rate of -2.21 m/yr (± 0.06 m/yr) over the 149-year time period. The behavior of shoreline movements, however, differs in terms of its variability north and south of McQueen Inlet. North of the inlet, the shoreline retreated across a greater envelope and rates of change were more variable for each of the study eras. The maximum erosion rate for the segment of oceanfront extending from McQueen Inlet to a northern nodal point was -5.79 m/yr (± 0.06 m/yr) from 1855 to 2004. North of the nodal point, the shoreline prograded at rates up to 3.39 m/yr (± 0.06 m/yr). South of McQueen inlet to the southern nodal point, shoreline movements were variable in terms of both process and rates. South of the nodal point, shoreline erosion gradually slowed throughout the study period. Closer to the inlet, however, erosion rates increased. Overall, mean erosion rates for the entire oceanfront of the island were consistently around -2.21 m/yr (± 0.06 m/yr) in each era.

The maximum rate of erosion along the southern-inlet facing shoreline was -8.48 m/yr (± 0.06 m/yr) during the 1855 to 2004 era. During that time, the shoreline retreated approximately 1.2 km. Rates of shoreline erosion were as high as -2.79 m/yr (± 0.06 m/yr) along the inlet-facing shoreline at the north end of the island from 1855 to 2004. Erosion persisted along both inlet-facing shorelines throughout each era.

Erosion also dominated the backbarrier shoreline throughout each era with the exception of the 1951 to 1974 period. During this time, about half of the backbarrier eroded and there was a net increase of area. Prior to 1971, mean erosion rates were less than -0.70 m/yr, however, the mean rate increased to -1.17 m/yr (± 0.30 m/yr) during the following era. The greatest areas of erosion occurred at the confluences of Johnson Creek with the North and South Newport Rivers. Long-term erosion rates were less than -2.70 m/yr (± 0.06 m/yr) along these regions for the 1855 to 2004 era, however, rates as high as -3.8 m/yr (± 0.30 m/yr) were recorded for the 1974 to 2004 era along the shoreline adjacent to the South Newport River.

Blackbeard and Sapelo Islands

During the 1855 to 1933 era, a little over half of both Blackbeard and Sapelo's oceanfront retreated (Figure 4.11). However, only 32 % of the area of Sapelo's shoreline change envelope can be attributed to erosion meaning that there had to have been a net gain of material. Erosion rates were relatively slow during this period and averaged less than 1 m/yr for the oceanfront of both islands. Nonetheless, accretion occurring along Sapelo during this time averaged 2.11 m/yr (± 0.13 m/yr), with the greatest concentration occurring on Cabretta Island. Between 1933 and 1974, the oceanfront along both islands mainly accreted with the exception of Sapelo during the 1951 to 1974 era. During this era, shoreline erosion was prevalent adjacent to a small-scale inlet ("Big Hole") situated between Cabretta Island and Nanny Goat Beach. The mean erosion rate of Sapelo during this time was -5.12 m/yr (± 0.35 m/yr).

Along Blackbeard's oceanfront, two nodal points mark an alongshore shift between erosion and accretion. Between the nodal points, the shoreline exhibits mainly an erosional trend while a

trend of mostly accretion occurs to the north and south of the shoreline segment. Long-term erosion rates between the Blackbeard nodal points reach as high as -0.64 m/yr (± 0.06 m/yr). Although a considerable portion of Sapelo's oceanfront continued to retreat during the 1974 to 2004 era, both islands showed net progradation across the entire 1855 to 2004 era. Long-term accretion rates for the oceanfront of Blackbeard and Sapelo are 1.13 (± 0.06 m/yr) and 1.34 m/yr (± 0.07 m/yr), respectively.

Unlike the oceanfront, the long-term trend of shoreline erosion and accretion along the backbarrier is that the two processes are essentially balanced. Long-term mean rates of both accretion and erosion are approximately about 0.30 and -0.30 m/yr (± 0.06 m/yr), respectively. Rates of shoreline change tend to increase along Blackbeard Creek as it approaches Cabretta Inlet.

The inlet-facing shorelines at the ends of the barrier complex exhibited a trend of erosion along Blackbeard and accretion along Sapelo throughout the 1855 to 2004 era. Blackbeard's shoreline adjacent to Sapelo Sound eroded at a mean rate of -2.20 m/yr (± 0.06 m/yr) while the shoreline adjacent to Doboy Sound advanced at a mean rate of 2.66 m/yr (± 0.06 m/yr). However, the most active inlet shorelines were located adjacent to Cabretta Inlet. In 1855, the Blackbeard shoreline adjacent to the inlet was located about 600 m downdrift of the 2004 position and comprised a 1.5 km-long spit. Between 1855 and 1933, the spit was breached and the shoreline relocated to a position about 1.9 km updrift of the 2004 position. From 1933 to 1951, the Cabretta Inlet-facing shoreline along Blackbeard migrated rapidly at approximately 39.37 m/yr (± 0.34 m/yr) and slowed to a mean rate of 6.22 m/yr (± 0.30 m/yr) by 2004. The inlet-facing

shoreline along the Sapelo side of the inlet prograded north from 1855 to 1951 and subsequently retreated. The rate of retreat averaged -12.06 m/yr (± 0.35 m/yr) during the 1951 era and slowed to a mean rate of -4.42 m/yr (± 0.30 m/yr) by the end of 2004.

Wolf Island

Erosion dominates the Wolf Island shoreline, especially along the oceanfront (Figure 4.12). A segment along the northern oceanfront retreated a distance of 1.43 km at a rate of -10.6 m/yr (± 0.06 m/yr); the largest long-term change recorded for the Georgia coast. The mean erosion rate for the 1855 to 2004 era was -5.39 m/yr (± 0.06 m/yr), but reached -6.65 m/yr (± 0.30 m/yr) during the 1974 to 2004 era. Furthermore, the mean rate of erosion progressively increased in each era. The inlet-facing and backbarrier shoreline eroding throughout the 1855 to 2004 era with the exception of the backbarrier during the 1951 to 1974 era. Peculiarly, almost all of the backbarrier shoreline experienced accretion during this time at a mean rate of 0.57 m/yr (± 0.35 m/yr). The trend reversed during the 1974 to 2004 era and the backbarrier eroded at a mean rate of -0.69 m/yr (± 0.30 m/yr).

Little St. Simons, Sea, and St. Simons Islands

The behavior of the Little St. Simons' oceanfront is diametrically opposed to that of Sea Island. Widespread accretion was prevalent along the Little St. Simons shore and portions of St. Simons, while erosion was extensive along Sea Island (Figure 4.13). During the 1855 to 1933 era, although 68 % of the length of the Little St. Simons' oceanfront incurred erosion, there was a net gain in area. Accretion during that time occurred at mean rate of 5.57 m/yr (± 0.13 m/yr) but increased to 21.41 m/yr (± 0.34 m/yr) by 1951. The average rate of shoreline advance slowed to

7.50 m/yr (± 0.30 m/yr) by the end of 2004. Still, the shoreline moved a maximum of 1.7 km to form a miniature cape-like feature during the 1855 to 2004 era, which was the farthest shoreline movement recorded for the Georgia coast.

In contrast, the Sea Island oceanfront suffered erosion throughout the 1855 to 2004 era. The mean erosion rate was -1.11 m/yr (± 0.13 m/yr) in 1933, and by 1951, it climbed to -2.79 m/yr (± 0.34 m/yr). Following this period, the island's shoreline was artificially stabilized through several projects involving hard and soft stabilization along a 5.7 km developed stretch of beach extending southward from Hampton River Inlet during the remaining eras. Although some updrift accretion occurred around groins placed at the ends of the stabilized shoreline segment, the net behavior of the oceanfront trends toward erosion, especially downdrift of the southernmost groin along the spit adjacent to Goulds Inlet.

Similar to the Little St Simons oceanfront, although far shorter in length, the oceanfront along St. Simons Island prograded throughout every era in the study. The shoreline comprises a large accretionary bulge situated between two seawalls that front inlet-facing shorelines. The mean long-term rate of accretion for the oceanfront during the 1855 to 2004 era was 2.43 m/yr (± 0.06 m/yr). Given that the oceanfront along St. Simons is short, largely convex, and within close proximity of two inlets, it faces an inlet in either direction of the bulge. As a result, it likely functions more like an inlet-facing shoreline than oceanfront shorelines found elsewhere on the coast.

The inlet shorelines along the northern and southern-most ends of Little St. Simons progaded during the 1855 to 2004 era. The southern inlet shore next to the Hampton River Inlet accreted at a mean rate of 2.57 m/yr (± 0.07 m/yr) while the north end of the island only advanced at a mean rate of 0.65 m/yr (± 0.06 m/yr). Conversely, the Sea Island shoulder of the Hampton River Inlet experienced retreat during the era at a mean rate of -1.85 m/yr (± 0.07 m/yr). The shoreline prograded briefly during the 1933 to 1951 era at a rate of 2.42 m/yr.

The most active inlet-shorelines during the study period were those adjacent to Gould's inlet. Since 1855, the Sea Island shoulder at the spit terminous extended 1.1 km southward at a mean rate of 2.06 m/yr (± 0.07 m/yr). The St. Simons shoreline retreated approximately 0.5 km at a mean rate of -3.30 m/yr (± 0.13 m/yr) between 1855 and 1933. The mean erosion rate slowed to -2.68 m/yr (± 0.35 m/yr) by 1951, however, the inlet shoulder was artificially stabilized following Hurricane Dora in 1964 and restricted the shoreline's movement.

The long-term trend of the shoreline change along backbarriers of the complex is erosional with mean rates ranging from -0.25 to -0.40 m/yr (± 0.08 m/yr). Shorelines adjacent to the Hampton River exhibited a pattern of chronic erosion along the southward side of the apex of most of the meanders, similar to that along the backbarrier of Tybee Island. The backbarrier shoreline of St. Simons along the Frederica River had a relatively narrow envelope and was less mobile compared to that of Little St. Simons adjacent to the Altamaha River.

Jekyll Island

Greater than two-thirds of both the oceanfront and backbarrier shorelines along Jekyll are erosional (Figure 4.14). With the exception of the 1933 to 1951 eras, both shoreline settings eroded at mean rates mainly less than -1 m/yr. Since 1933, the envelope of change along the Jekyll oceanfront was relatively narrow compared to that of adjacent islands. Following the aftermath of Hurricane Dora in 1964, a large revetment/seawall was constructed along a segment of the northern oceanfront to mitigate further shoreline erosion. Since that time, subsequent projects have maintained the seawall and extended further north and south of its original location. However, increased erosion is observable at the ends of the structure. Furthermore, a number of structures were constructed on the backbarrier shoreline that has inhibited shoreline movements since the 1950s.

The greatest amount of erosion along the backbarrier occurred near the north and southern end of the island. Long-term erosion rates near the north end of the island reach as high as -1.81 m/yr (± 0.06 m/yr) for the 1855 to 2004 era and -0.67 m/yr (± 0.06 m/yr) along the southern end of the island adjacent to Jekyll Creek. Overall, both the oceanfront and backbarrier shoreline have a mean long-term erosion rates of -0.49 m/yr (± 0.06 m/yr) and -0.45 m/yr (± 0.06 m/yr) respectively.

In spite of widespread erosion, though, south of a nodal point along the oceanfront, the shoreline has prograded throughout the entire 1855 to 2004 era at long-term rates up to 2.14 m/yr (± 0.06 m/yr) near the inlet. Adjacent to St. Andrews Sound, the inlet-facing shoreline extended a maximum of 609 m into the sound at a rate of 4.45 m/yr (± 0.06 m/yr) between 1855 and 2004.

The shoreline adjacent to St. Simons Sound along the north end of the island retreated a maximum distance of 318 m at a rate of -2.14 m/yr (± 0.06 m/yr) during the period.

Cumberland Island

Cumberland Island (Figure 4.15) comprises a barrier complex that includes a smaller Holocene component, Little Cumberland Island, at the north end of the island complex. Christmas Creek separates the two islands mainly at high tides. The western outflow of the Christmas Creek's channel is relatively shallow and less than 10 m wide. Some early coastal charts and aerial photography depict the islands attached as one landmass, given that there was not always a navigable waterway between the islands during that time. Hence, shoreline change results reported for Cumberland Island below incorporate shoreline change measurements along Little Cumberland except where explicitly noted.

Accretion was widespread along the Cumberland oceanfront during the 1855 to 2004 era. The shoreline prograded at a mean rate of 1.91 m/yr (± 0.07 m/yr) during the era. However, a segment of the shoreline situated between two nodal points located along the central portion of the oceanfront was mostly erosional throughout the era. At this location, the mean erosion rate was -0.89 m/yr (± 0.07 m/yr) over the 149-year period. North of this segment, the shoreline was more mobile and variable in its movement due to the influence of northward migrating Christmas Creek Inlet. The southern half of Cumberland's oceanfront accreted throughout 1933 to 2004 era following the construction of a jetty in 1882 at the southern end of the island. Prior to 1933, notable erosion occurred along almost half of this portion of the oceanfront. After 1933, substantial accretion is observable immediately updrift of the jetty. Between 1855 and 2004, the

shoreline adjacent to the jetty advanced approximately 1.6 km at a rate of 10.78 m/yr. The inlet-facing shoreline adjacent to the jetty and St. Marys Inlet experienced periods of accretion and erosion, however, its movement is confined to a relatively narrow envelope because the inlet is artificially stabilized. Similarly, the north end of Cumberland experienced periods of accretion and erosion along its inlet-facing shoreline throughout the study period. The net movement of the shoreline between 1855 and 2004 was -107 meters, the smallest net displacement of all inlet-facing shorelines of the Georgia coast. Here, the mean erosion rate during this era was -0.52 m/yr (± 0.06 m/yr).

Net erosion was also the dominant trend along the backbarrier during the 1855 to 2004 era. Prior to 1933, 80 % of the shore eroded at a mean rate of -0.56 m/yr (± 0.13 m/yr) during the 78-year period. Subsequently, the trend reversed to accretion and by the end of 1974, approximately 57 % of shore had advanced at a mean rate of 0.82 m/yr (± 0.35 m/yr) from the 1951 shoreline position. The trend reversed again to erosion during the 1974 to 2004 era and rates similar to the 1855 to 1933 era. Overall, the long-term mean erosion rate is -0.35 m/yr (± 0.07 m/yr) for the backbarrier during the 1855 to 2004 era. However, the long-term rates of erosion climbed as high a -1.76 m/yr (± 0.06 m/yr) where the shoreline retreated along the Dungeness hotspot. Here, the shoreline moved a greater distance relative to elsewhere along the backbarrier and exhibited a strong erosional trend during most of the study period. A portion of the shoreline is stabilized with a seawall that extends approximately 260 m along the island adjacent to the Dungeness dock maintained by the National Park Service.

Discussion

The movement of the shoreline both spatially and temporally is an expression of a mixture of natural and artificial processes, operating in concert with one another, influencing its behavior at varying magnitudes and scales. Some processes are cyclical in nature, such as seasonal shifts in wind and wave direction, whereas other processes are intermittent such as storm events or channel dredging for navigation. In a sense, timing is everything. The timing of a given cyclical process that causes oscillation between shoreline erosion and accretion over time may increase or reduce the impacts of intermittent or other cyclical processes. Furthermore, some processes tend to influence change over shorter time spans along the Georgia coast more than do others and can be difficult to capture with limited shoreline data. Although the dataset for Georgia presented here did not contain a large number of historical shorelines, key processes that influence both coast and island-wide changes were identified using AMBUR and inspection of additional aerial photography and maps. Morphodynamic classifications of each island, based on spatio-temporal trends of erosion and processes, assisted with delineating coastal compartments in order to better characterize the modern (Anthropocene?) behavior of the Georgia barrier system.

Shoreline Change Trends and Influences

Patterns of shoreline erosion and accretion are variable both temporally and spatially across the Georgia coast (Figure 4.16) as islands are evolving at different rates and scales. Local processes that alter sediment flux and transport, rather than those operating at the regional scale primarily influence the movement of each island's shoreline. Although each island's morphology is unique as a result, they do share similar patterns of erosion and accretion. An understanding of how a shoreline responds to local processes is critical when evaluating regional processes, such

as sea-level rise, and if/how they might enhance the magnitude of change along each island. In addition to regional processes, three primary factors/processes emerge as having a distinct influence over the evolution of a Georgia barrier island's shoreline based on island and coast-wide trends: tidal inlet morphodynamics, tidal stream migration, and human activity.

Regional Processes

At the most fundamental level, the position of the shoreline changes in response to tidal differences on a daily basis, especially where there is a gently sloping foreshore and shoreface. The high-water line along these areas can encroach landward tens of meters following a slightly elevated tide event, or, hundreds of meters during storms. Storm surge plays an important role in the evolution of the Georgia coast through temporarily disrupting sedimentary systems and initiating new ones. Along shoreline settings backed by upland with lower elevation, storm tides intensify shoreline erosion through overwash processes. Following the event, the shoreline usually recovers and undergoes a period of accretion. At times, storm surge will open one or more inlets, which can greatly accelerate the movement of the shoreline (Figure 4.17). Previous work suggests that increased shoreline erosion occurring in 1951 to 1974 might be linked to an increase of storm activity from the late 1940s through the 1960s (Figure 4.4). Deery and Howard (1977) estimated that periods of peak storm overwash occurred along the oceanfront in 1951 and 1964 and provide evidence for storm-induced shoreline retreat along low-lying portions of Little Tybee, Ossabaw, St. Catherines, Sapelo, and Wolf Islands. The temporal resolution of the historical shoreline dataset used in the current study was not intended to capture storm-induced impacts and much more closely-spaced temporal data would be needed to determine the response and recovery of the Georgia shoreline during and after a storm.

Seasonal fluctuations in shoreline positions are to be expected due to changes in wind and wave regimes. Wind and waves drive the longshore current, which transports sediment to and from island systems predominantly in a southeasterly direction along coastal Georgia (Oertel and Howard, 1972). Some of the islands contain prominent shoreline features, such as spits and accretionary bulges, that prograde seaward or migrate toward the south in response to longshore transport (Figure 4.6). However, not all islands display this trend and instead have features that prograde toward the north, such as the northern end of Ossabaw Island. Oertel and Howard (1972) noted seasonal reversals of the longshore transport current due to change wind patterns and demonstrated how reversals occur at tidal inlets. Earlier, Kaye (1961) had proposed an idealized model of sediment gyres indicating the reversal of littoral drift at Georgia's inlets. The slightly indented shoreline along the northern oceanfront of Blackbeard Island is likely due to formation of sediment gyres during the late ebb cycle that produce a northward flowing current along this part of the island (Oertel and Howard, 1972). Although the inlet-facing shoreline in this area is experiencing erosion, a small area of accretion occurs between a nodal point and the inlet (Figure 4.11). As these studies illustrate, a "river of sand" concept does not apply to the Georgia coast and sediment transport functions within isolated cells or coastal compartments.

Regardless of the littoral drift, some regions of the Georgia coast appear to be more sediment deficient or rich based on the locations of chronically eroding/accreting shorelines. St. Catherines and Wolf Islands appear to be sediment deficient and experience widespread erosion, whereas islands located downdrift of the Altamaha and Savannah Rivers are sediment rich and have extensive accretion. The Savannah River has great influence over the accretion occurring along Tybee, Little Tybee, Wassaw, and Ossabaw Islands. Depratter and Howard (1977) dated

relict sediments located in hammock features between the Pleistocene paleo-barriers and the modern shoreline and determined that the islands have been rapidly prograding for the last 3500 years as the Savannah River delta advanced.

The effects of climatic events such as periods of increased rainfall and droughts on sedimentation and shoreline change along coastal Georgia are unclear. In the late 1940s, a period of elevated discharges of Georgia's coastal rivers coincides with increased rainfall during that time (Figure 4.3). It is unclear if and how the period of increased discharge might have contributed to widespread accretion along the coast present during the 1933 to 1951 era, or, if the measureable effects are overprinted by local processes, such as tidal inlet morphodynamics and stream migration.

Tidal Inlet Influence

The standard deviation of shoreline change rates from era to era is a useful metric to quantify how variable shoreline movements are over time and to reveal contrasts between locations. Such contrasts in the shoreline response between locations can provide clues to factors influencing change, such as inlets. AMBUR performed the standard deviation calculation at each transect and summarized the results based on island name and shoreline location classification attributed in the GIS shapefile. Figure 4.16 contains summary plots for oceanfront and backbarrier shoreline classifications for each island. Along the Georgia coast, the behavior of oceanfront and backbarrier shorelines differ considerably as rates and variability of shoreline change along the oceanfront are greater than that of the backbarrier (Figure 4.16). Figure 4.16 depicts a general decline in the variability of shoreline movements moving from north to south along the

oceanfront coastline. Peaks in the standard deviation of oceanfront change occurring near Tybee, Ossabaw, and Little St. Simons Islands in Figure 4.16 are close to the tidal inlets of the Savannah, Ogeechee, and Altamaha Rivers, respectively. Furthermore, the general decline of discharge of these coastal rivers southward along the coast coincides with the general decline of the standard deviation from north to south in Figure 4.16. This suggests that these rivers and their respective inlet systems strongly influence shoreline dynamics along the adjacent oceanfront of these barriers. Likewise, a number of smaller peaks of standard deviation of shoreline change coincide with segments of oceanfront also close to other tidal inlets of smaller drainage systems such as McQueen Inlet on St. Catherines Island.

It is clear that there is a linkage between inlets and shoreline changes exhibited along the barrier islands, especially along the oceanfront, based on these trends and observations from previous studies (Oertel, 1975 & 1977). Three classes of inlets were identified in this study based on the relative stability of their locations: positionally stable, migrating, and ephemeral (Figure 4.18). Tidal inlets have the capability to promote considerable oceanfront and estuarine shoreline changes through complex linkages between feeder channel hydraulics, ebb channel movement, and ebb-tidal delta morphology.

Positionally stable inlets (Figure 4.18a) in Georgia are composed of deep ebb channels, approximately 7 to 26 m in depth (Nummedal et al., 1977), which are topographically confined primarily between Pleistocene paleobarriers and fronted by larger ebb-tidal deltas typically greater than 40 x $10^6 m^2$ in area. A linkage exists between the orientation of the ebb channel and the shape of the ebb-tidal delta that, depending on the conditions, initiates or impedes the

delivery of sediment to adjacent shorelines (Jackson, 2004). The orientation of an ebb channel is not always perpendicular to the coast as it passes through the ebb delta. Shifts in its orientation lead to asymmetry in the delta's shape. If the ebb channel's orientation is directed toward one barrier island at an acute angle, the area of the ebb delta shifts toward that island and away from the island on the opposing side of the inlet. As a result, the opposing island tends to erode as it becomes subject to wave attack that was once dampened by shallow inlet shoals and swash bars. The adjacent barrier's shoreline, now fronted with a greater expanse of shoals and bars, generally progrades during this time and an accretionary bulge or "bump" in the shoreline might form during a period of rapid sedimentation. The bulge tends to be eroded away over time (Figure 4.8 & 4.9) as adjustments in orientation occur within the ebb channel and longshore currents again sculpt the shore.

Accretion may be localized and occur along a portion of the oceanfront depending on the scale of both the island and inlet (Figure 4.8). In the case of Wassaw Island, an accretionary bulge was present along a northern section of the 1855 shoreline, which eroded during most of the study period. The bulge migrates southward, nourishing the downdrift shoreline. A pattern of updrift erosion and downdrift accretion is present as the bulge "migrates" in a southerly direction. The same pattern is evident along the northern portion of Ossabaw following the formation of an accretionary bulge sometime between 1855 and 1933 (Figure 4.9).

Sometimes ebb channels at both ends of the islands work in concert with one another to promote island-wide trends. Little St. Simons is an exemplary site where the orientation of the ebb channel favors the island's oceanfront and promotes island-wide accretion. In this case, the

deflection of ebb channels at both ends of the barrier favor island-wide progradation and a cape-like feature is apparent along the oceanfront due to a period of rapid sedimentation. When both ebb channels of opposing inlet systems deflect away from an island, such as the case with Jekyll and Sea Islands, erosion tends to dominate the oceanfront as most of the sediment in the inlet systems are directed away from each island's oceanfront.

Migrating inlets (Figure 4.18b) share similarities with positionally stable inlets in that both influence shoreline change based on ebb channel orientation and ebb delta symmetry. The major difference is that migrating inlets are smaller, more mobile systems that involve downdrift spit elongation, thinning, and breaching cycles typically within a century or less time span based on inspection of historical maps and photos. Barrier island shorelines located updrift of these shallow inlet systems often experience erosion as the ebb channel moves rapidly downdrift and the spit elongates. As the ebb channel moves downdrift, the updrift barrier island spit typically thins in width and become erosional on both the backbarrier and oceanfront sides due to a net downdrift shift in sediment supply (Figure 4.18). A breaching event of the spit during a storm or high tide event repositions the ebb channel updrift and the former location of the inlet will close. The relocated inlet will establish a new ebb delta, temporarily nourish adjacent beaches, and initiate a new cycle of migration and relocation. Cabretta and Goulds Inlets are prime examples of where these processes are occurring (Figures 4.11 & 4.13). Historically, the southern oceanfront of Blackbeard and Sea Islands exhibited erosion when the maximum extent of the southerly migration of these inlets was reached. In the case of Goulds Inlet, as the inlet migrated south from 1933 to 1974, the orientation of the ebb channel promoted accretion along St. Simons Island's oceanfront and erosion of the Sea Island spit with the exception of the spit terminus

(Figure 4.13). Since that time, the construction of a rock revetment along the downdift shoreline along St. Simons Island restricts the migration of the ebb channel and now Goulds Inlet functions as a pseudo-positionally stable inlet; promoting erosion and accretion along adjacent islands based on ebb-channel orientation and ebb delta symmetry. Since 1974, the ebb channel's orientation favors St. Simons Island, nearly paralleling the orientation of the revetment, and influences erosion along the Sea Island spit and is less mobile. Although Blackbeard and Sea Island contain only one migrating inlet located adjacent to the southern ends of barriers, Little Tybee and Sapelo have additional migrational inlet systems along the oceanfront. "Williamson Island" is an example of a temporary island formed by spit breaching events and inlet dynamics of multiple migrating systems along Little Tybee's oceanfront (Figure 4.7).

Unlike the other two classes of inlets, the influence of ephemeral inlets (Figures 4.17 & 4.18) is restricted to smaller shoreline segments generally less than a kilometer in length and is relatively short-lived. These temporary inlets open during storm or high tide events and close when they become unable to maintain sufficient tidal prisms. As tidal waters penetrate the oceanfront and gain access to small feeder channels in the backbarrier, a small-scale ebb channel and delta system develops (Figure 4.18c). Oscillation in ebb channel orientation may briefly occur and adjacent shorelines undergo periods of erosion and/or accretion. Following the closing and infilling of the inlet system, shoreline perturbations associated with these inlets are smoothed by waves and tidal processes. These inlets appear along sections of the oceanfront that are low in elevation (< 2 m above mean sea-level) and are subject to overwash. Deery and Howard (1977) identified oceanfront sites along the Georgia coast prone to overwash that tend to flood during spring tides and coastal storms, such as portions of Little Tybee, Ossabaw, St. Catherines,

Sapelo, and Wolf Islands. Inspection of aerial photography and maps over the last century reveal locations of ephemeral inlets along these and other localities, some of which persisted for a decade or longer (Figures 4.17 & 4.18).

Tidal Stream Influence

Unlike the oceanfront, backbarrier shorelines are not subject to open-ocean processes but rather those mainly involving the dynamics of tidal streams. The lateral migration of tidal streams and their interaction with the geologic framework, other tidal streams, and inlets shape the backbarrier shoreline. Anhert (1960) identified that meanders occurring in estuarine environments exhibit a morphology that differs from their inland counterparts based on the difference between ebb and flood tidal flows. In a typical non-tidal meandering stream with unidirectional flow, erosion typically occurs along the outer edge of a meander (cutbank) and deposition takes place along the inside of the bend (pointbar). Tidal streams in Georgia display a similar pattern, however, the bidirectional flow properties of these backbarrier streams tends to concentrate the erosion toward the downdift or "ebbdrift" side of a meander (Figure 4.18). This is likely attributable to the dominance of the ebb versus flood currents. In Georgia, ebb velocities are stronger than flood currents and reach their peaks somewhere mid to late ebb (Oertel and Howard, 1972; Frey and Basan, 1985).

Tybee Creek, Hampton River, and Blackbeard Creek display erosional asymmetry along most of their meanders in the net ebbdrift direction as evidenced by the location of chronically eroding areas (Figures 4.7, 4.11, & 4.13). Interestingly, each of those streams experienced net erosion

during the 1855 to 2004 period and increased in area or "dilated." Although it is reasonable to assume a balance of erosion along cut banks with deposition along an inner meander shoreline or other quiet areas, most of the length of these streams in Figure 4.6 exhibit net erosion. Rising sea level, increasing tidal prisms and ebb flow, and a reduction in sediment supply may all be contributing factors to this trend; however, it is uncertain what underlying factors are truly influencing this behavior. Furthermore, another poorly understood factor shown to enhance erosion along tidal creeks is bioturbation (Letzsch and Frey, 1980). Jackson (2006) and Jackson et al. (2007) identified the impacts of grazing by horses and other livestock on destabilizing vegetated banks and exacerbating shoreline erosion along portions of Cumberland Island's backbarrier. It is unclear how the spatial extent of grazing and bioturbation in Georgia backbarrier environments, both vertically and horizontally, plays a role in destabilizing stream banks and how it might affect long and short-term lateral migration of streams and erosion/accretion patterns.

Overall, rates and variability of shoreline change tend to increase with channel width and proximity to an inlet (Figure 4.16). Based on field observation and inspection of aerial photography, at the confluence of another stream or inlet channel, turbulence and shifting currents appear to enhance shoreline erosion along neighboring shorelines. This is evident behind St. Catherines Island where Johnson Creek converges with the North and South Newport Rivers (Figure 4.10). A marked increase in shoreline erosion occurs in these regions adjacent to the confluences. Another area with notable erosion occurs at the convergence of the Odingsell River, Wassaw Creek, and the inlet at Wassaw Sound behind the southern end of Wassaw Island.

Many backbarrier shorelines in this study have chronically eroding shoreline segments near the point of confluence with an inlet. It is unclear, however, if and how much of the shoreline's movement in these area can be attributed to the interaction of tidal currents of these streams and/or fetch of the backbarrier-inlet lagoon system. It is reasonable to assume that a transition in behavior exists from backbarrier shorelines where fetch is limited along tidal streams, to inlet and oceanfront shorelines where fetch increases markedly and the island is subject to open-ocean processes.

Backbarrier shoreline change in response to the laterally migrating tidal streams that are highly sinuous or contain numerous meanders can be difficult to quantify using the traditional perpendicular transect method. Transects created within AMBUR proved more reliable and better-approximated rates and changes as opposed to the traditional perpendicular transects, which were often oriented at highly oblique angle to the true direction of shoreline movement.

Anthropogenic Influence

Most of Georgia's barrier islands have little or no development. Tybee, Sea, St. Simons, and Jekyll are the only barriers readily accessible by car and thus are the most developed of the islands. All four of these islands have a substantial portion of their shorelines developed with residential and commercial buildings. In order to manage shoreline erosion and protect these properties, each island uses either hard structures and/or beach nourishment. Coast-wide, preliminary analysis of our hard and soft stabilization database shows that approximately 10 % of the shoreline is artificially stabilized using these techniques (Alexander, 2010).

Shorelines forcibly held in place along the coast rarely exhibit widespread accretion, unless nourished artificially, and tend to be found close to the structure. As a result of restricting the shoreline's movement, erosion and accretion rates along hard-stabilized shores are conspicuously lower than adjacent natural shorelines. Tybee Island has an extensive history of hard and soft stabilization projects extending back to 1882 when groins were emplaced near Ft. Screven at the northern end of the island (Clayton et al., 1992). The most armored stretch of the Georgia coast is from Sea to Jekyll Island, where more than half of the oceanfront shoreline is artificially stabilized using hard structures. Most of Tybee and Sea Islands' oceanfront are artificially stabilized and it is likely that past beach nourishment projects occurring between 1974 and 2004 have masked shoreline erosion occurring along the islands.

Modification of tidal inlets through the emplacement of jetties and dredging activities is also influencing shoreline changes observed along adjacent barrier islands. The Savannah River, St. Simons, and St. Marys Inlets are periodically dredged for navigational purposes by the Army Corps of Engineers. Griffin and Henry (1982) have linked dredging activities with shoreline erosion occurring along the Tybee, Jekyll, and St. Simons Islands. A detailed study conducted by Smith et al. (2008) illustrates the impacts of dredging and emplacement of jetties and submerged breakwaters along the Savannah River Inlet in late 1890s on the shoreline morphology of Tybee Island. Furthermore, Jackson et al. (2007) showed that the jetties constructed at St. Marys Inlet not only influence oceanfront changes along the southern end of Cumberland Island, but are likely enhancing backbarrier shoreline erosion near the inlet.

In addition to inlet dredging, other projects that excavate large volumes of sediment for navigational purposes can alter shoreline behavior. More than half of the length of the Atlantic Intracoastal Waterway (AIWW) from Cumberland to Tybee Islands is adjacent to the backbarrier shoreline and has a history of dredging activity mostly from the 1930s to 1980s. Two major periods of dredging took place since the 1930s. The first phase took place from the late 1930s to early 1940s during the initial phase of construction. The second period of dredging was from the 1960s to 1970s for maintenance of the channel. Conspicuously, backbarriers with a history of erosion prior to the AIWW experienced accretion during these periods of dredging and therefore might be linked to theses activities. For example, the backbarrier of Wolf Island adjacent to the waterway is lined with dredge spoil islands (Figure 4.8) that were likely sediment sources when first constructed and thus produce a false signal of accretion during that period. Since their construction, these features have no doubt altered shoreline dynamics by adding elevation and disrupting natural sedimentary processes along low-lying marsh shores. Following the most recent period of dredging, the islands returned back to an erosional trend comparable to that of pre-AIWW dredging, Although Jackson et. al. (2007) link the placement of dredge spoil on the backbarrier of Cumberland with shoreline change patterns, more data are needed to sufficiently link backbarrier-dredging activity with erosion and accretion trends for the whole of the Georgia coast.

Aside from activity along the coast, human activities conducted far inland from the Georgia shoreline might influence its behavior by altering the sediment supply to the coast. Griffin and Henry (1982) suggested that widespread accretion along the coast during the early half of the 1900s might be linked to extensive deforestation and agriculture activities in Georgia. A study

conducted by Trimble (1969) showed that large areas of the original forests of the Georgia Piedmont were cleared by the mid-1800s and suggested a peak period of sedimentation in streams occurred between 1870 and 1930. Streams eventually cut through the freshly deposited upstream sediment and carried it further downstream and deposited it at a later time. This increased sediment input, in addition to waterway dredging, might help to explain the widespread accretion along the backbarrier and oceanfront observed in the 1933 to 1951 era. The general increase of the discharges of the rivers during the 1940s could have supported higher bed loads and delivered more sediment to the area as well (Figure 4.3).

It is also worth noting that altering a stream's flow, either through channelization or construction of dams, could have an effect on sediment supply for coastal Georgia. Prior to 1951, there were far fewer dams located in the watersheds of the major coastal streams (Figure 10). Following that time, the number of new dams constructed in the watersheds was nearly four times that amount with peak construction of dams occurring in the 1960s.

Coastal Classification

Coast-wide, the shoreline behavior of the Georgia-barrier system is heterogenous. That is, shoreline change varies in terms of rates, magnitude, and variability along the coast. Although the barriers show similar shoreline responses to various processes, some processes are more accentuated locally at the island-scale whereas others are heightened more regionally. Simply, there is no "one-size-fits-all" model for the shoreline evolution of the barrier islands. However, regionally, the coast can be broken into compartments of one or more islands that exhibited similar shoreline characteristics between 1855 and 2004. Inspection of oceanfront changes in

Figure 4.16 suggests the coast can be broken into at least three compartments based on long-term erosion trends alone. A zone of increased oceanfront erosion depicted in Figure 4.16 extending from St. Catherines to Wolf Islands would comprise the middle compartment, flanked by zones with mostly accretion. However, further inspection of the data reveal the presence of smaller compartments that might better characterize the modern behavior of the coast and thus the data must be examined at a deeper level.

In order to delineate compartments in an unbiased way, first, a simple classification scheme was developed using AMBUR to characterize the shift in area of each island by comparing the relative percentages of erosion of oceanfront, backbarrier, and inlet-facing shoreline envelopes (Figure 4.21). Comparing the shift in area of the backbarrier versus the oceanfront provides a way to determine if the island is widening, thinning, retreating, or advancing. Similarly, comparing the change in area of the opposing inlet-facing shoreline envelopes of an island determines if the island's length is extending southward, extending northward, shortening, or extending at both ends. Although at first glance, these terms seem to imply barrier island migration/evolution patterns, they are confined to simply conveying the modern shift of island area. Detailed geologic/geomorphic data spanning larger times scale are needed to validate what is observed over the past century to truly determine barrier island migration. Furthermore, given that many of the islands contain Pleistocene cores with higher elevations, they inhibit overwash processes that drive migration of barrier islands with otherwise thinner widths and lower profiles.

The shift in area of most of the barrier islands is advancing seaward between 1855 to 2004 with Little Tybee and Blackbeard Islands widening in place (Figure 4.21). Jekyll, Sea, Wolf and St.

Catherines islands are thinning in width. The net extension of the islands is toward the south while St. Catherines, Wolf and Blackbeard Islands are shortening in length. Ossabaw, Tybee, and Little St. Simons are extending in length. Barrier islands that are widening and advancing illustrate a regressive behavior whereas those that are thinning and have mainland-retreating areas exhibit more transgressive behavior. Wolf and St. Catherines Islands demonstrate island decay as they are both thinning and shortening in area.

In addition to areal classifications, the percentages of chronic erosion and artificial stabilization were estimated for each barrier island to assess the severity of shoreline recession and ascertain the spatial extent of human impacts. Most islands had less than 15% chronic erosion and less than 1% artificial stabilization along the entirety of their shoreline. However, Tybee, Sea, St. Simons, and Sea Islands have more than 10% of their shorelines stabilized with 22 to 100% of their oceanfronts armored and/or renourished. The evolution of the shoreline along the islands is hindered by these erosion control efforts and natural barrier island response to local and regional processes has been disrupted.

Taking into account processes and trends mentioned above, a classification of coastal compartments along the Georgia is presented in Figure 4.22. Each zone represents the modern behavior of the barrier island(s) contained therein and takes into account the shoreline's response to both natural and artificial processes. First, the simple morphologic classification is used to determine the transgressive and regressive nature of the island and/or oceanfront. Second, the spatial characteristics of erosion and the dominant processes are taken into account. Four zone classes are delineated qualitatively: artificially stable, regressive-inlet dominated, regressive-

dynamically stable, and transgressive-hotspot. Each compartment should be viewed as a snapshot of the longer-term barrier island evolution occurring at millennia or greater time scales. In other words, an island may alternate between erosion and accretion across time scales greater than a century depending on the processes influencing it and the scale and timing of their cycles.

A coastal segment classified as "artificially stable" is one where natural movement of the shoreline is restricted by hard and/or soft stabilization and is essentially holding the island in place. The compartments identified for Georgia contain islands that have more than 20 % of their oceanfront stabilized and include Tybee, Sea, St. Simons, and Jekyll Islands. Although only 20 % of the oceanfront of St. Simons is hard stabilized, the length of the shore is relatively short and is flanked by armored inlet-facing shorelines (Figure 4.13). Sea and Tybee Islands armored and nourished nearly the entire length of their oceanfronts (Figures 4.7, 4.13, & 4.22). Processes such as overwash, which are an integral part of barrier island migration, are inhibited due to the density of the island's development and stabilization practices.

Islands that are classified as "regressive-inlet dominated" and "regressive-dynamically stable" are those with shorelines mainly influenced by tidal inlet processes and that experienced net progradation during the study period. The primary difference between the two classes is that "regressive-inlet dominated" islands are located adjacent to larger coastal river inlets and experiences greater rates and magnitudes of shoreline change. Little Tybee, Wassaw, Ossabaw, and Little St. Simons Island fall into this category and were previously identified by Depratter and Howard (1977) and Oertel, (1979) as Holocene deltaic barriers that are the regressive delta fronts of the Savannah, Ogeechee, and Altamaha Rivers. The sediment supply and discharge at

the inlets of these river systems have a profound influence over the shoreline changes along these islands. Additionally, areas that experienced rapid progradation, such as those along Ossabaw, are typically lower in elevation and are impacted by overwash and ephemeral and migrational inlet dynamics. Sapelo, Blackbeard, and Cumberland Islands experience similar inlet processes along lowlying regions of the islands, however, erosion appears to be balanced by accretion and overall rates-of-change are comparatively lower.

Finally, two islands, St. Catherines and Wolf, are classified as "transgressive-hotspot" given the magnitude and extent of erosion along the islands. Each island experienced net loss in area and greater than 30 % of their shorelines are chronically eroding. Long-term erosion rates along these islands are greater than any of the other Georgia barriers and it appears that these islands are sediment starved. Paradoxically, both islands are adjacent to prograding barriers with ample sediment supply. It is unclear what the underlying cause(s) are of the severe erosion that is occurring along St. Catherines and Wolf Islands and to what extent inlets and the geologic framework are playing a role. Nevertheless, these islands provide excellent archetypes for the response of both Pleistocene-Holocene composite and lowlying, deltaic Holocene barrier islands to reduced sediment supply and sea-level rise in a mesotidal setting. In a sense, they might represent a worst-case scenario for the Georgia coast for the next century if current sedimentary and sea level conditions were to persist.

Conclusions

AMBUR provides robust tools for quantifying shoreline movements of complex shorelines that are highly-curved and tend to be problematic for the traditional perpendicular transect method.

New transect casting tools in AMBUR using multiple baselines that outline the shoreline change envelope of each barrier island better approximated net direction, magnitude, and rate of shoreline movement. Critical point analysis of each island's shape assisted with partitioning each shoreline into four zones to better characterize trends and influences: oceanfront, backbarrier, northern inlet-facing, and southern inlet-facing. The statistical, graphical, and geospatial output of AMBUR's analytical tools facilitated the rapid assessment of shoreline change trends at both island and coast-wide scales and improve upon the limitations of currently available tools.

Analysis of historical shorelines of Georgia's barrier islands from 1855 to 2004 in AMBUR revealed contrasts in behavior of each shoreline zone. Coast-wide, during the 1855 to 2004 era, 41 % of Georgia's oceanfront shoreline eroded at a mean rate of -1.66 m/yr EPR (± 0.06 m/yr) and the remaining shoreline accreted at 2.25 m/yr EPR (± 0.06 m/yr). The backbarrier eroded along 65 % of the shore at a rate of -0.35 m/yr EPR (± 0.07 m/yr) throughout the period. Throughout the1855 to 1933 era, most of Georgia's oceanfront and backbarrier experienced erosion, while accretion prevailed during the subsequent 1933 to 1951 era. Erosion increased throughout the remaining 1951 to 1974 and 1974 to 2004 eras. Approximately 17.6 % of the Georgia coast eroded during at least three of the four study eras and are chronically eroding. Oceanfront and inlet-facing shoreline movements have higher rates across wider envelopes and are more variable than the backbarrier shore.

AMBUR's ability to analyze curved/complex shorelines facilitated the identification and assessment of the extent and magnitude of local process influencing the shoreline within each

zone. Stable, migrating, and ephemeral inlet processes at the local level exert the greatest influence over oceanfront shorelines. Backbarrier shorelines are primarily influenced by tidal creek migration, proximity to inlets and confluences of tidal streams. Human activities are influencing erosion and accretion rates through uses of hard/soft stabilization and dredging activities.

Additionally, a simple morphologic (areal) assessment of each barrier island's shoreline change envelope was performed to determine the net movement of island area. These data were used to describe the movement of each island's shoreline and delineate compartments along the Georgia coast. More than half of the islands exhibit a net seaward shift in area and regressive behavior, whereas Wolf and St. Catherines Islands are thinning and shortening and are transgressive erosional hotspots. Further investigations of the local and regional processes influencing change and their spatio-temporal importance are needed to understand how these barrier islands evolve and respond to changing climates and sea levels.

Finally, this study improves upon previous studies by extending analyses beyond the oceanfront to inlet and backbarrier shorelines using AMBUR for a true island-wide assessment of Georgia's barrier islands. Ultimately, AMBUR can assist researchers and managers with performing comprehensive, shoreline change studies at various scales to provide baseline data for both science and policy. Both AMBUR and R facilitate the analysis of coast-wide shoreline datasets with or without additional classification schemes and can be applied to virtually any shoreline type worldwide.

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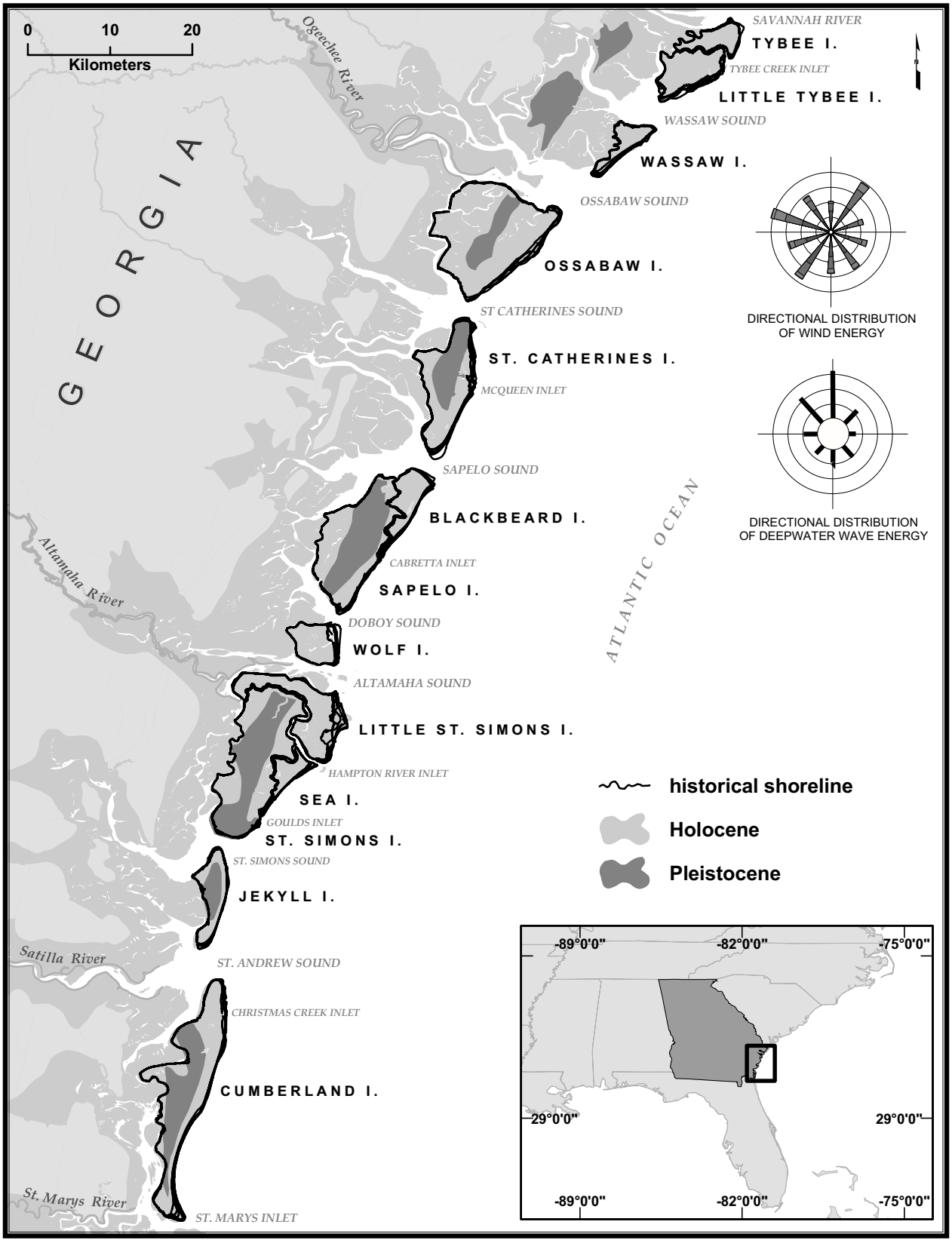


Figure 4.1. Location map of Georgia's barrier islands and historical shorelines. Wave data from Nummedal (1977). Wind rose based on data recorded at Savannah from 1961 to 1990.

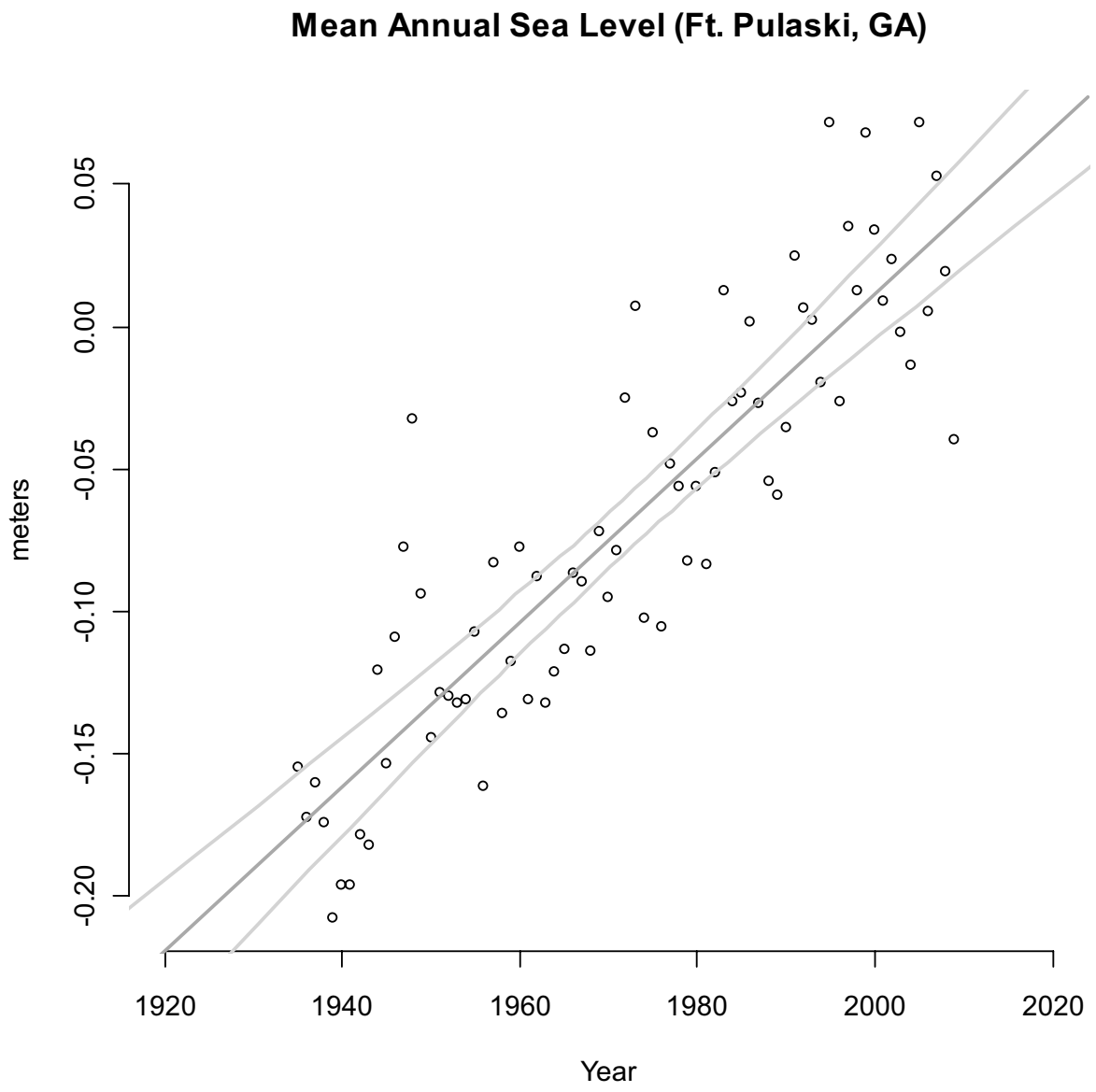


Figure 4.2. Mean annual sea level recorded at Ft. Pulaski, Georgia (NOAA tide gauge 8670870) from 1935 to 2005. The rate of sea-level rise from this data is 2.98 mm/year (+/- 0.33 mm/yr) or ~0.3 m/century.

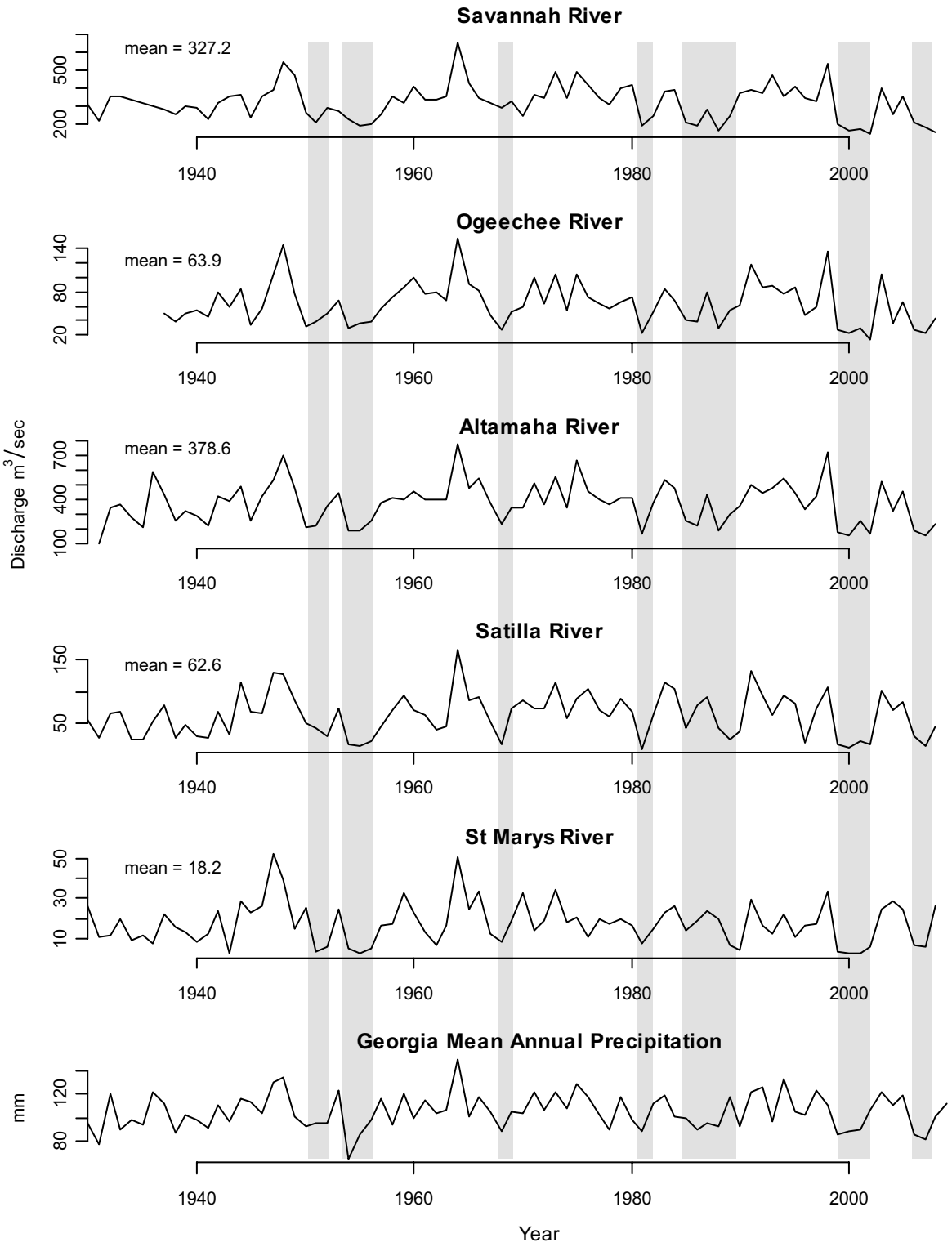


Figure 4.3. Plots depicting mean annual stream discharge for major coastal rivers and mean annual precipitation for Georgia for the period from 1933 to 2009. Periods of reduced rainfall and discharge are highlighted in gray. Note the periods of increased precipation and discharge that occur in the late 1940s and 1960s.

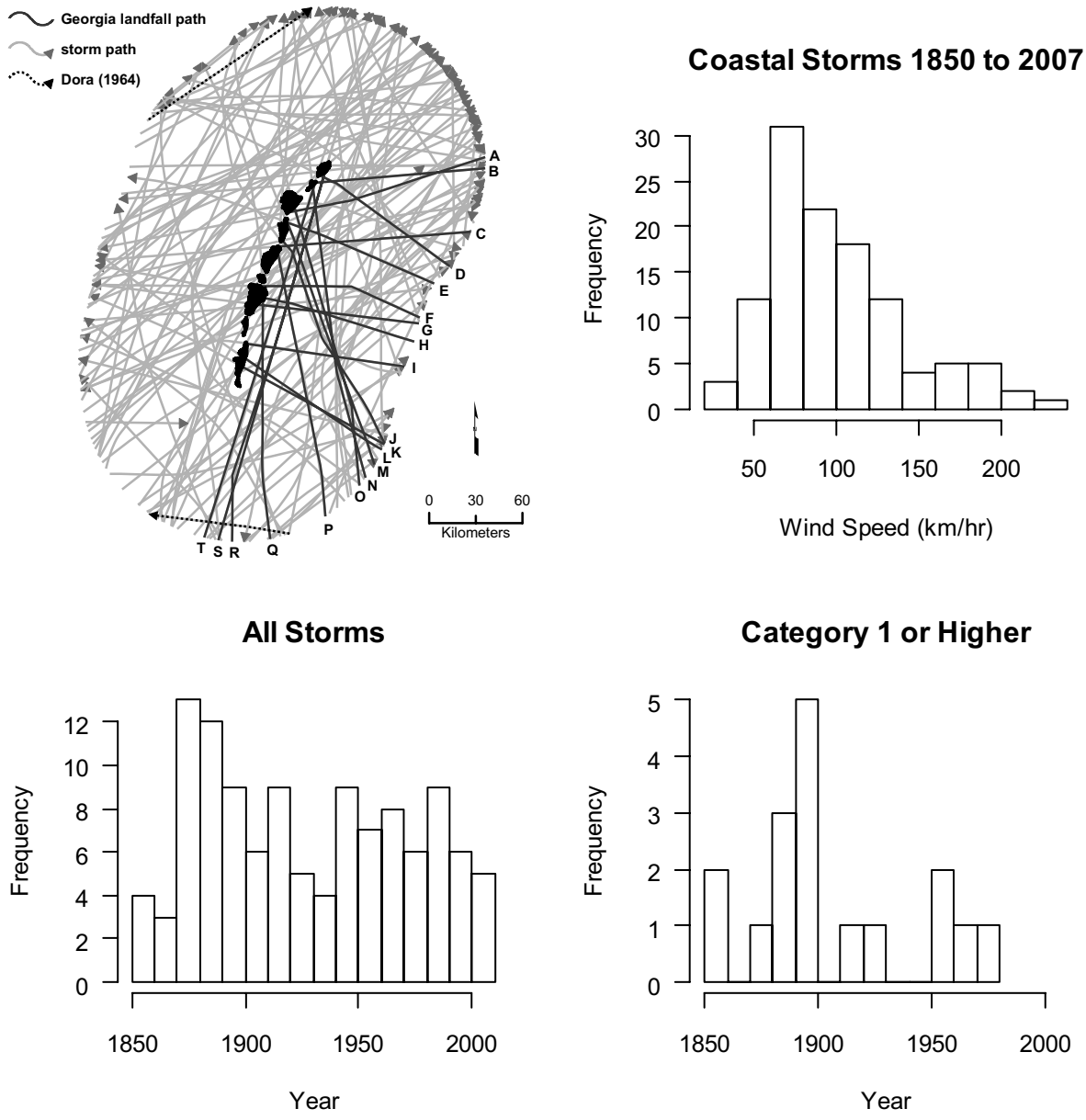


Figure 4.4. Coastal storms affecting the Georgia coast within 100 kilometers. Letters beside landfalling storm tracks identify storms in Table 4.1. Most storms had wind speeds between 70 and 110 km/hr. Prior to 1900, there was more storm activity within the coastal region. During the 1900s the number of Category 1 or higher storms has decreased, but the frequency of storms remained relatively constant. Note that Hurricane Dora (1964) made landfall south of the coast and moved northward along inland Georgia. Although Dora did not make landfall at Georgia, it caused substantial damage and beach erosion along parts of the coast.

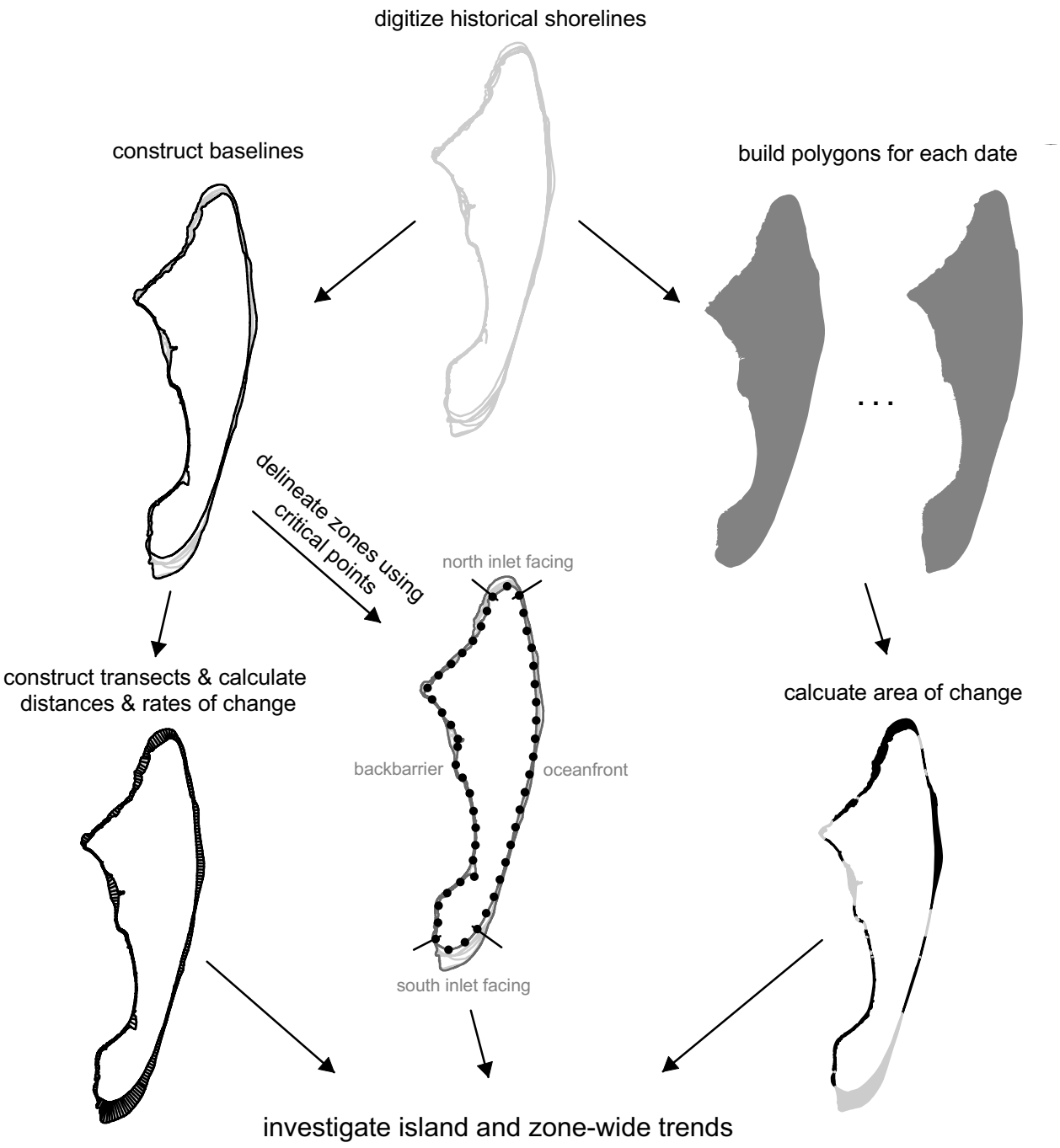


Figure 4.5. Workflow schematic depicting methods used to investigate barrier island shoreline change. Shoreline data are prepared and analyzed using GIS software and the AMBUR package for R. Each island is partitioned into four zones: oceanfront, backbarrier, southern inlet-facing, and northern inlet-facing. Jekyll Island is depicted in the workflow.

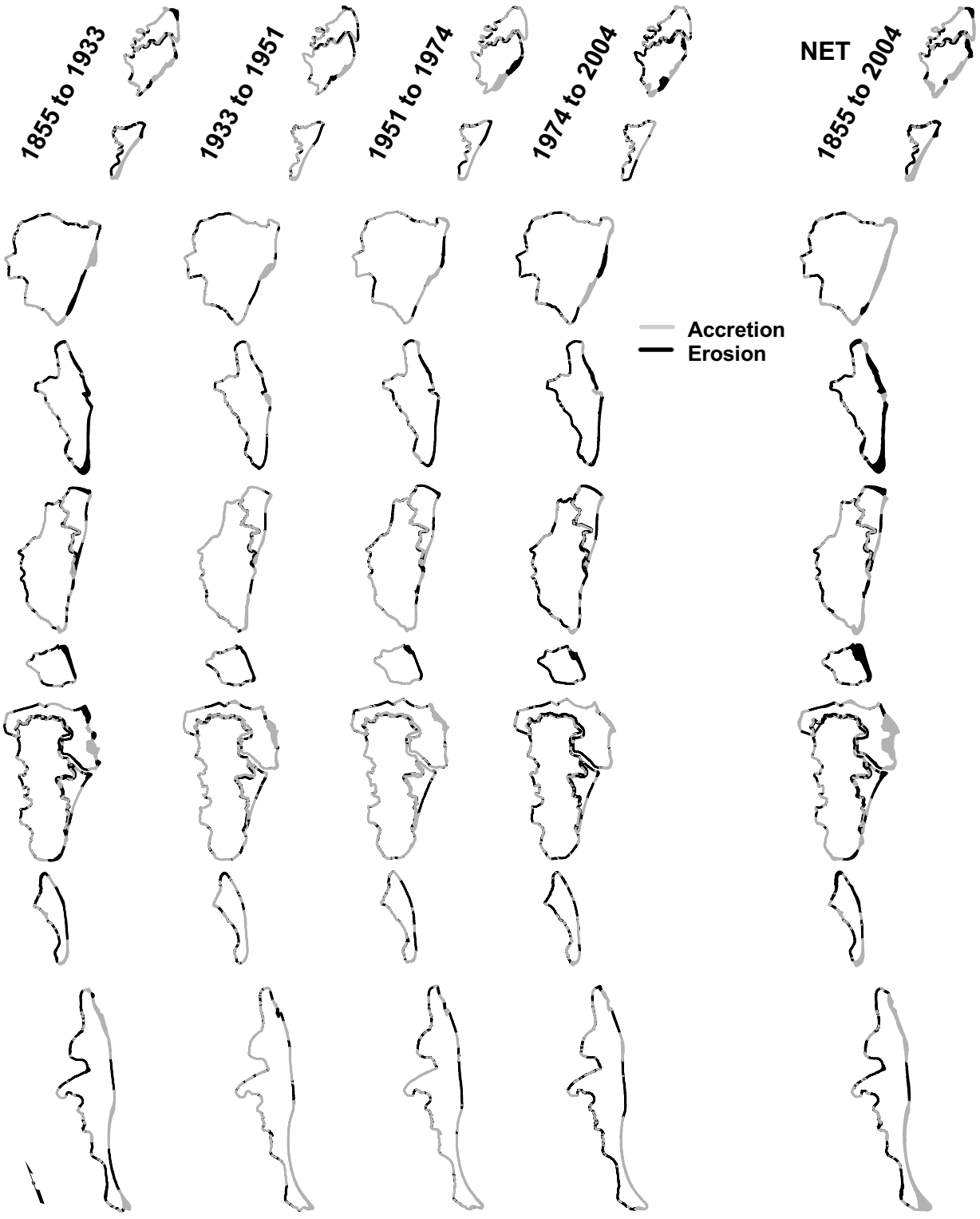


Figure 4.6. Maps depicting shoreline change magnitude and direction for all eras between 1855 and 2004 for Georgia's barrier islands. Each map was constructed using polygons that extend across the shoreline change envelope, which spans the distance from the oldest to the youngest shoreline.

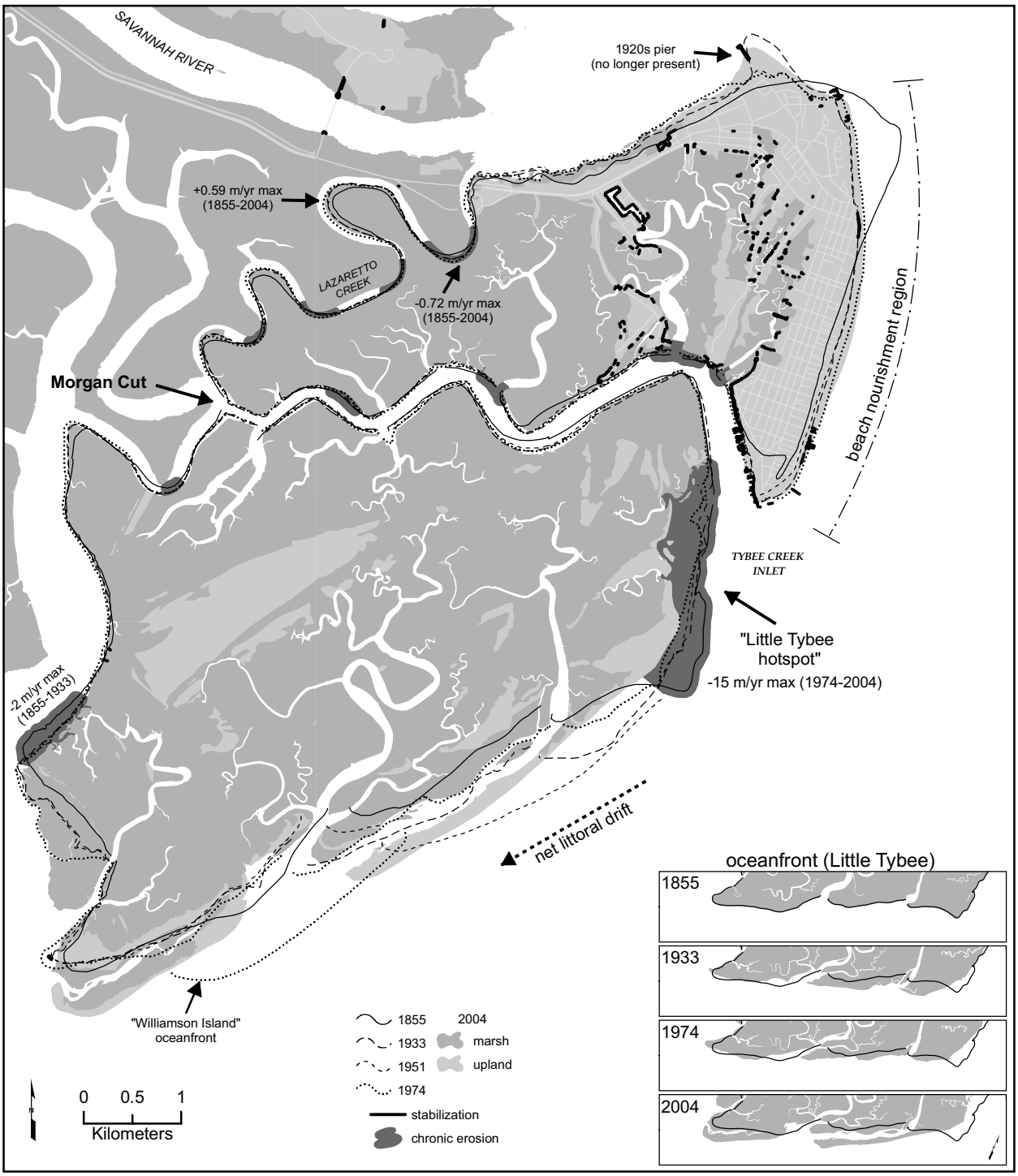


Figure 4.7. Historical shoreline change map of Tybee and Little Tybee Islands. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

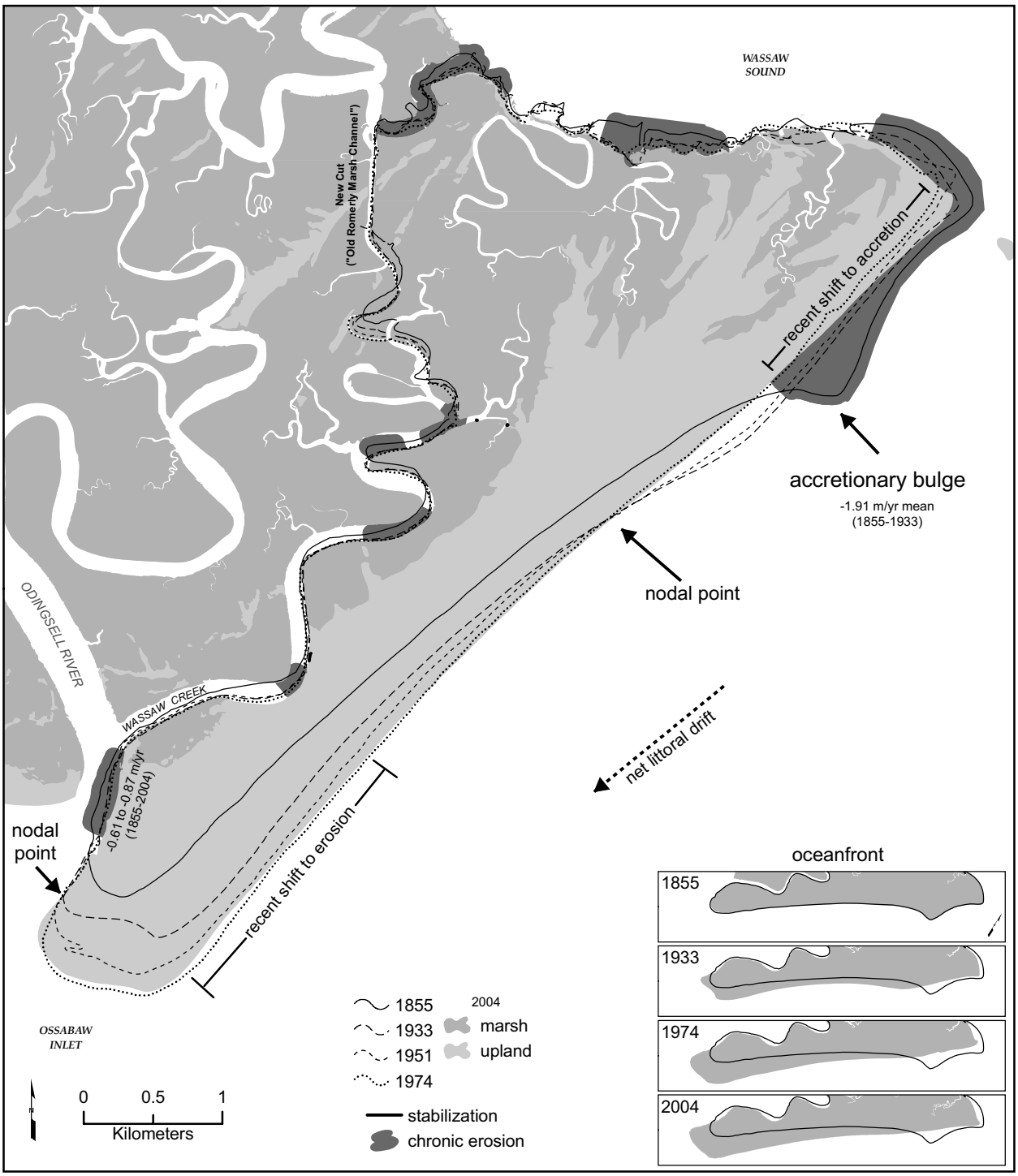


Figure 4.8. Historical shoreline change map of Wassaw Island. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

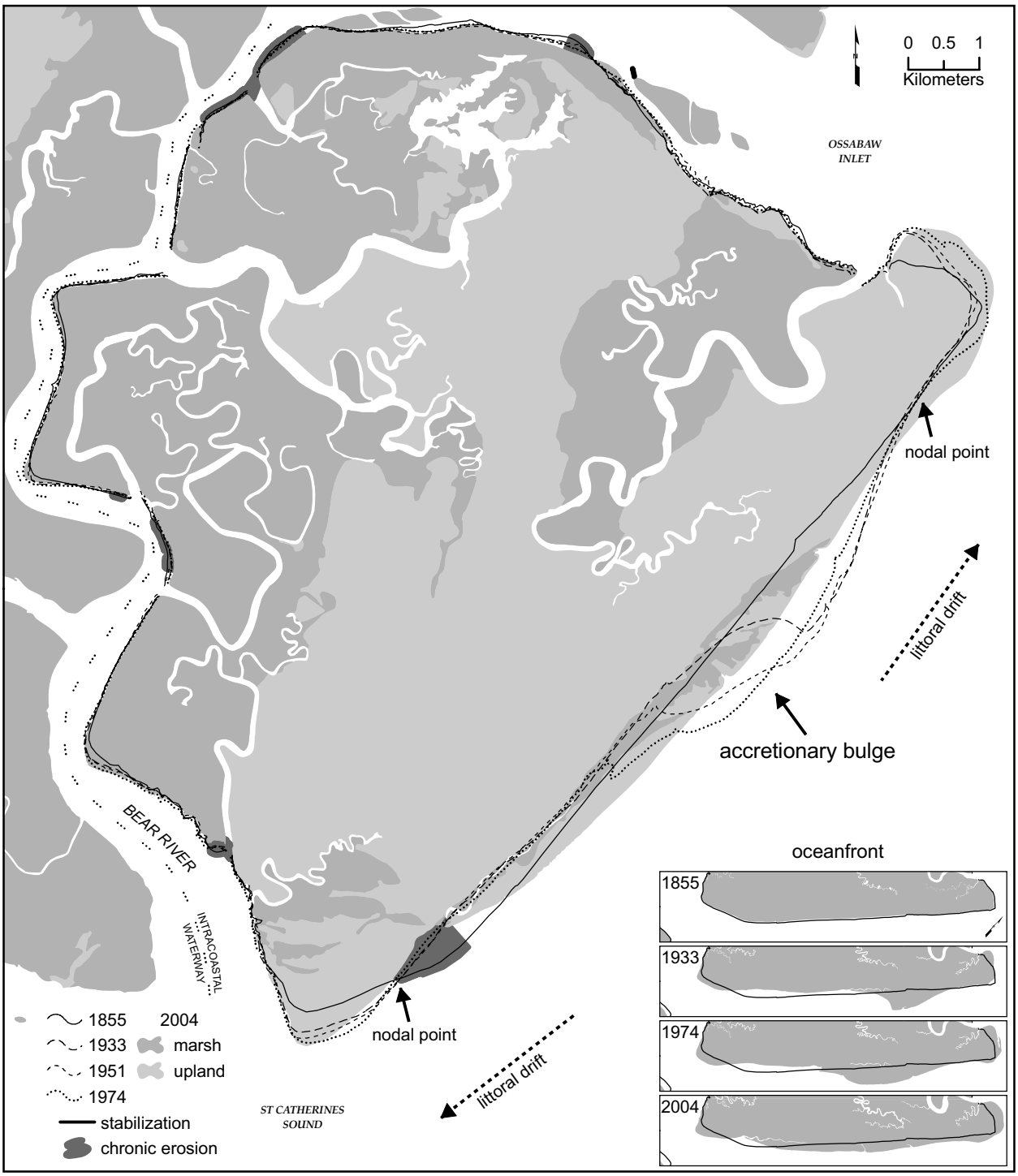


Figure 4.9. Historical shoreline change map of Ossabaw Island. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

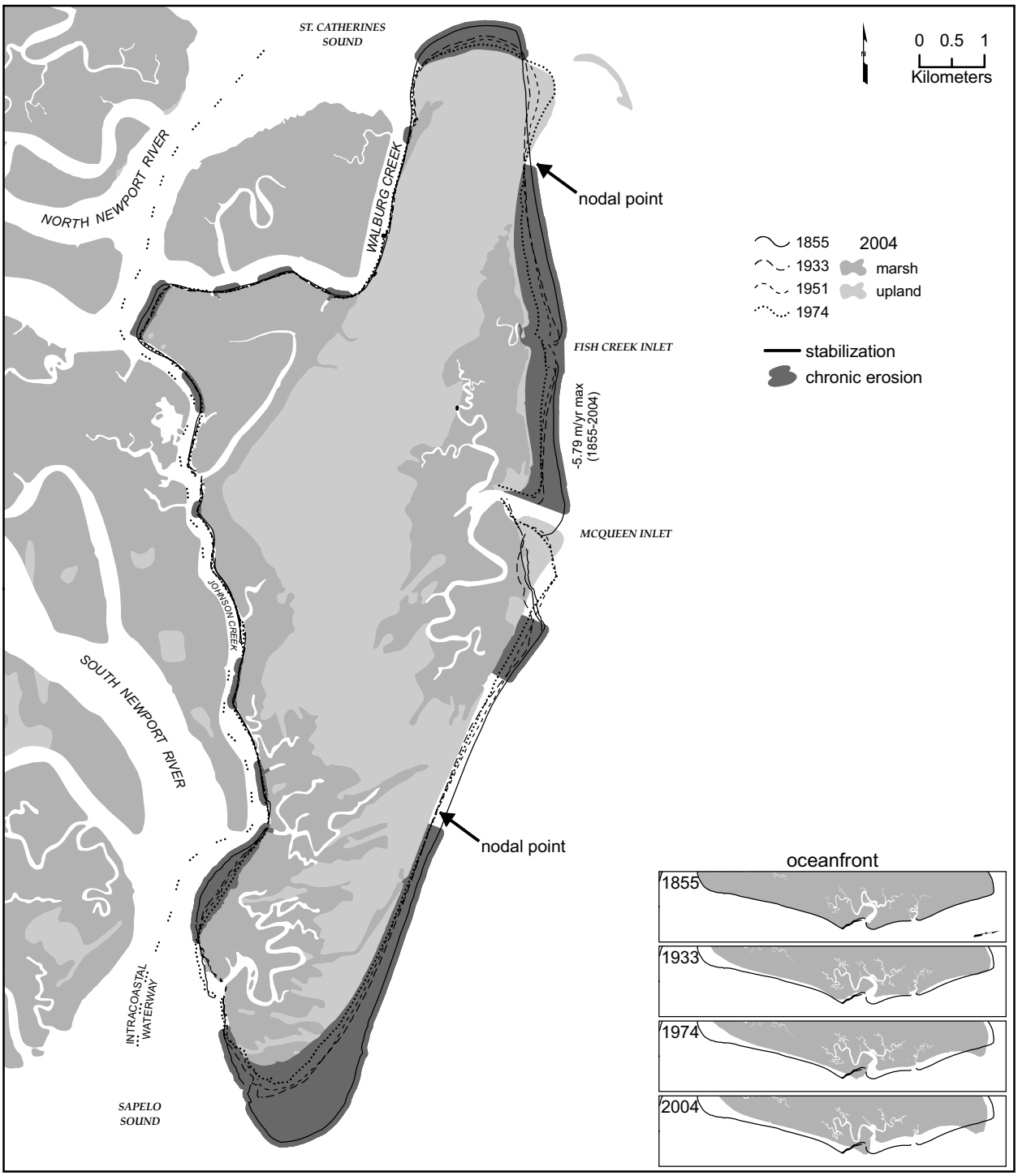


Figure 4.10. Historical shoreline change map of St. Catherines Island. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

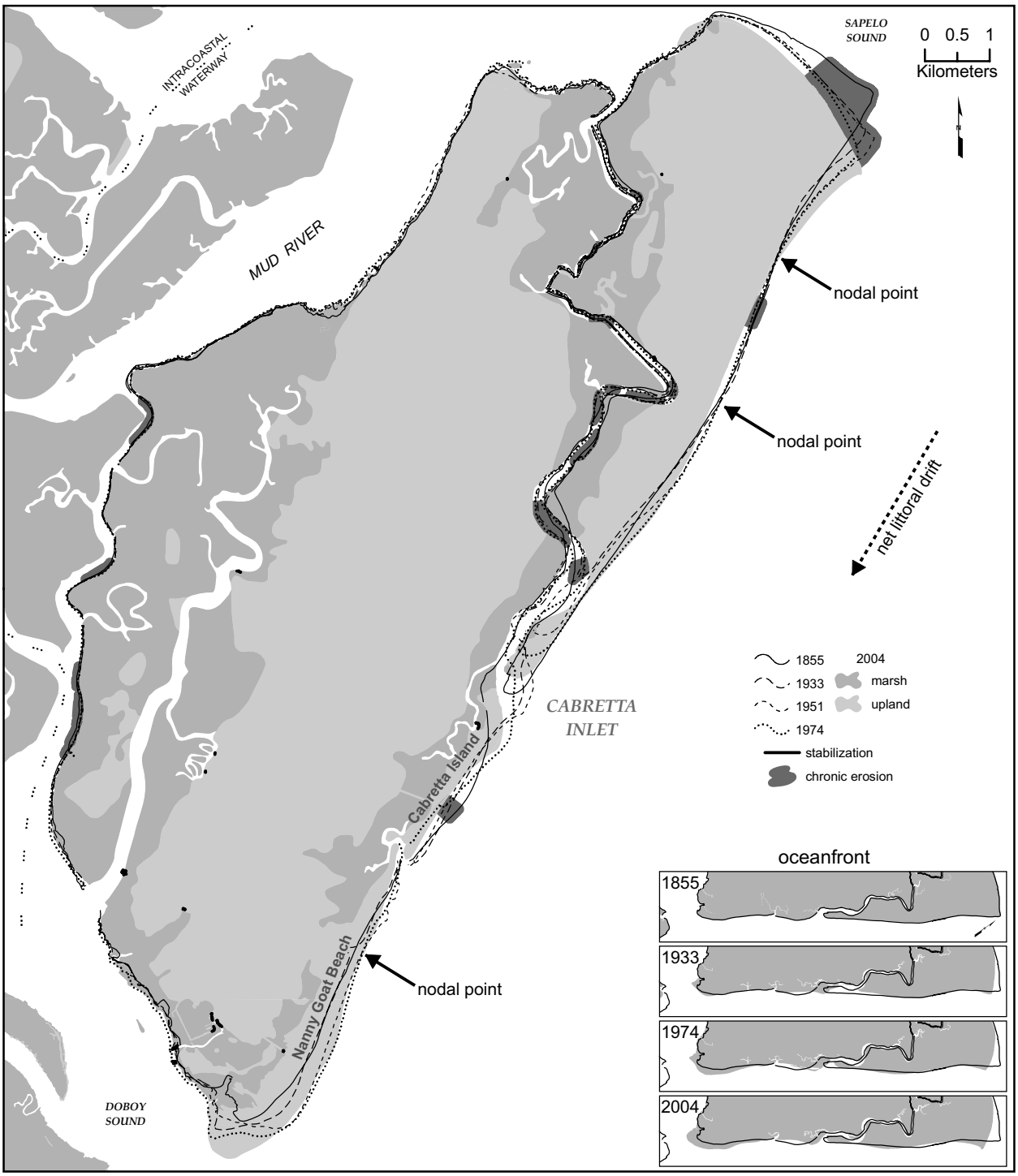


Figure 4.11. Historical shoreline change map of Sapelo and Blackbeard Islands. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

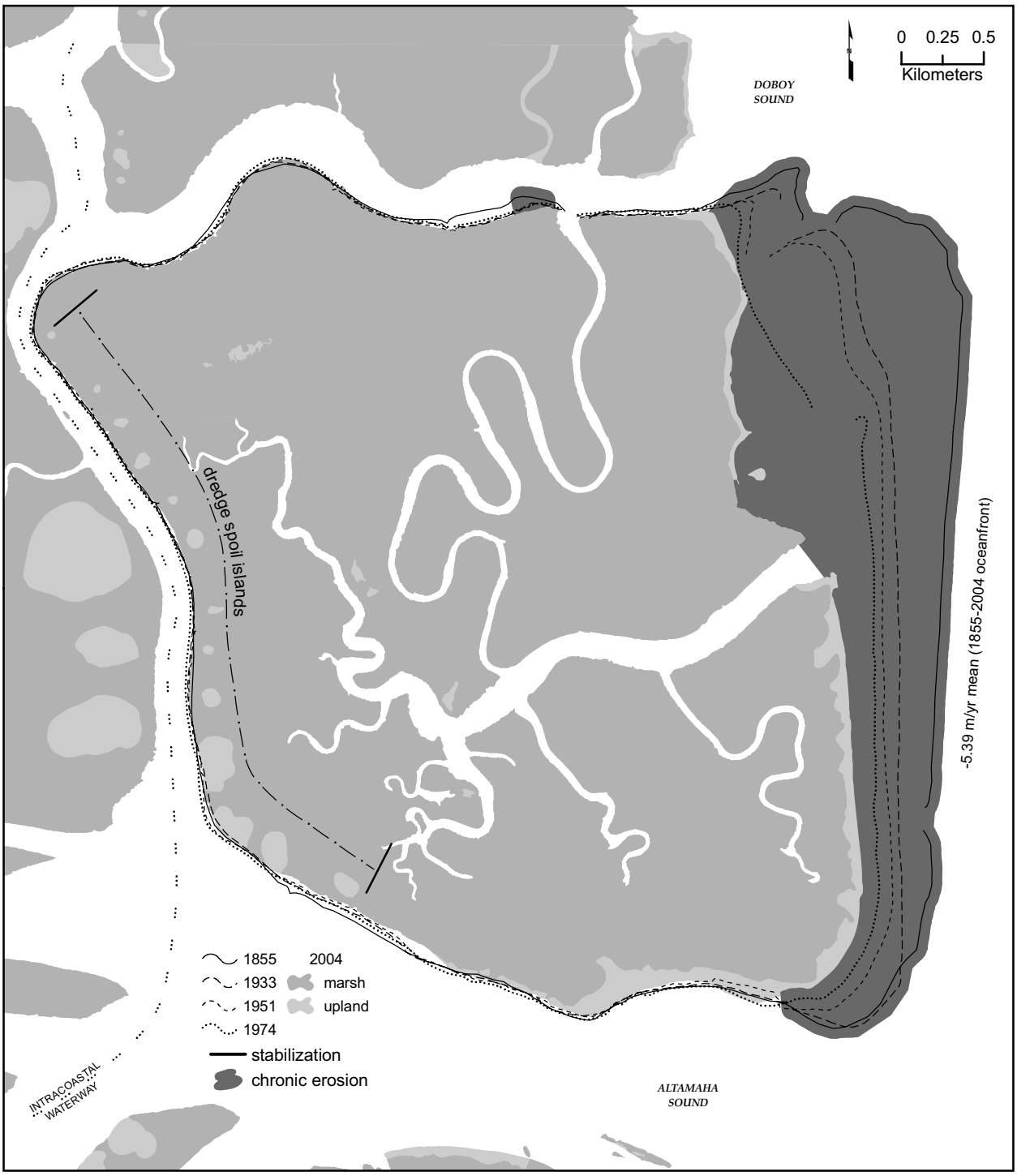


Figure 4.12. Historical shoreline change map of Wolf Island. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

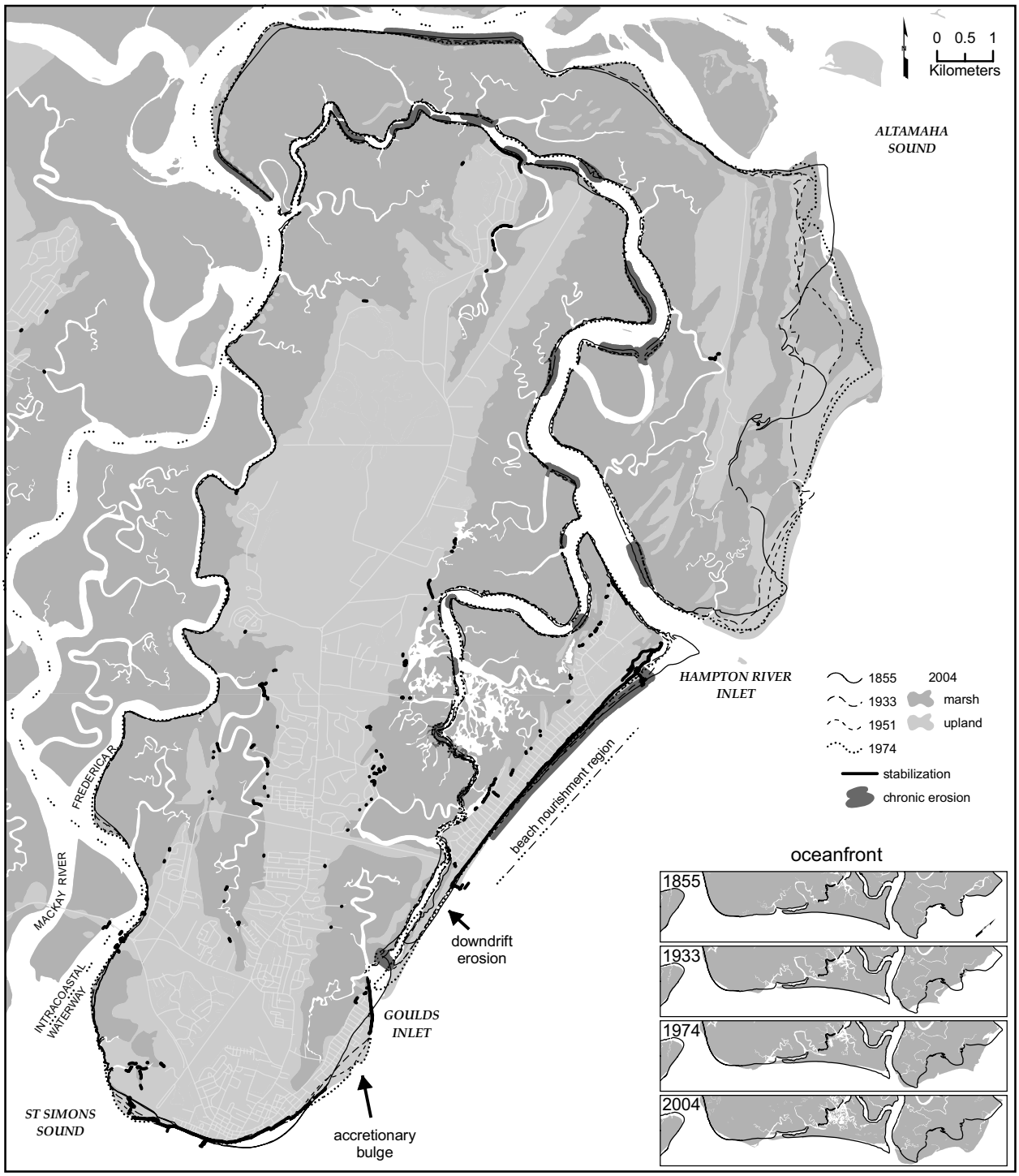


Figure 4.13. Historical shoreline change map of Little St. Simons, Sea, and St. Simons Islands. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

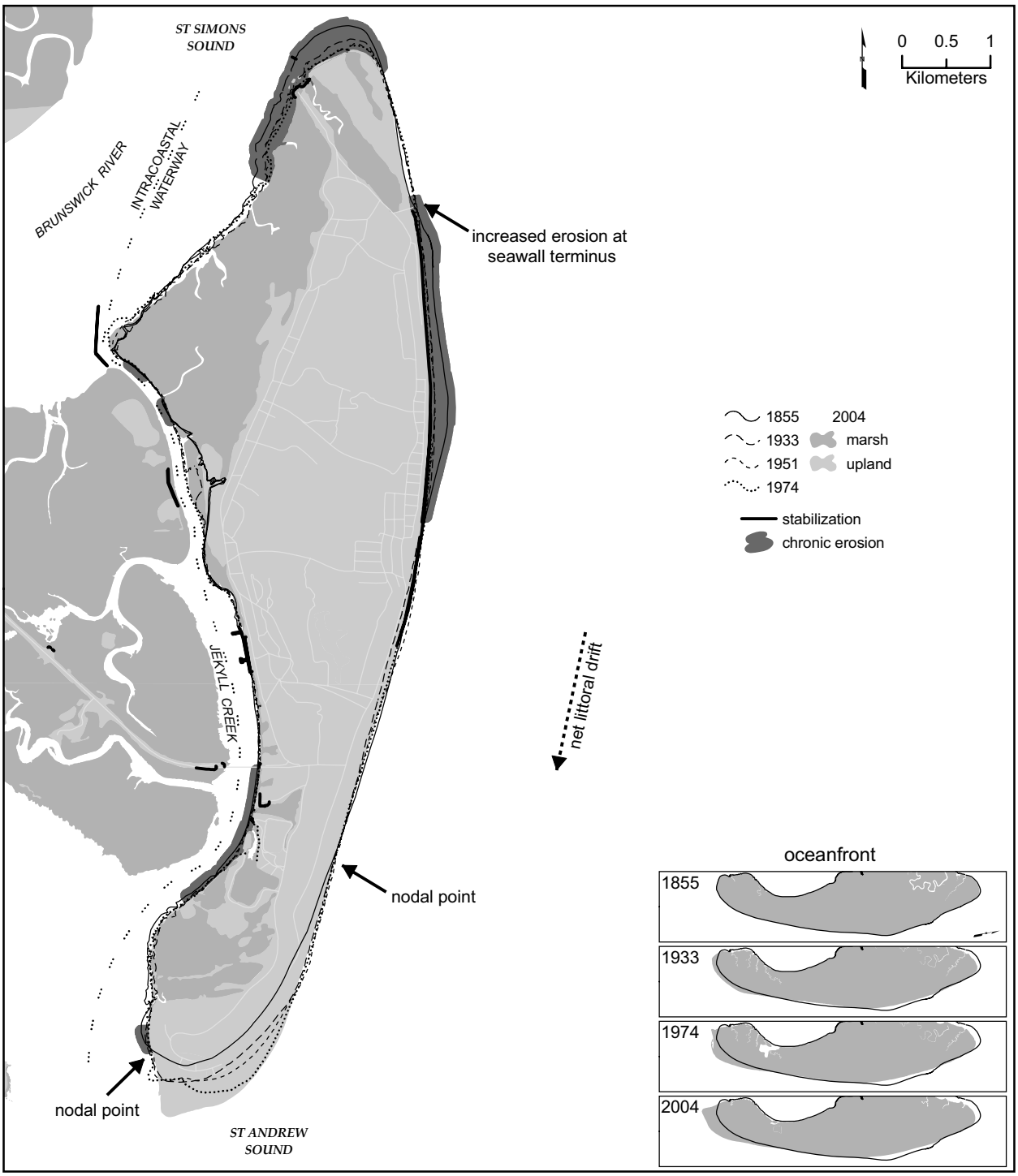


Figure 4.14. Historical shoreline change map of Jekyll Island. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

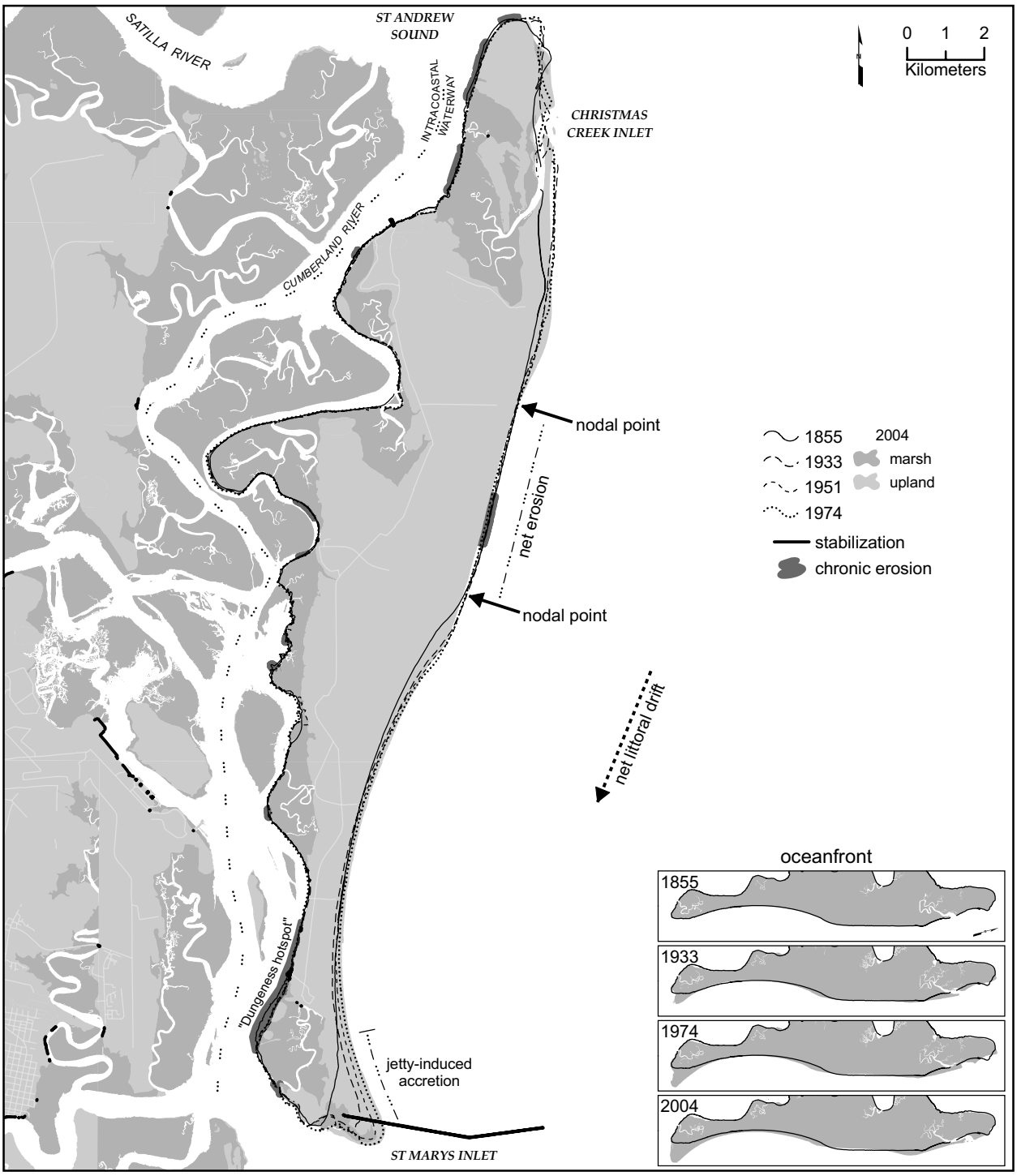


Figure 4.15. Historical shoreline change map of Cumberland Island. Note: the black line in the oceanfront panels represents the 1855 shoreline position.

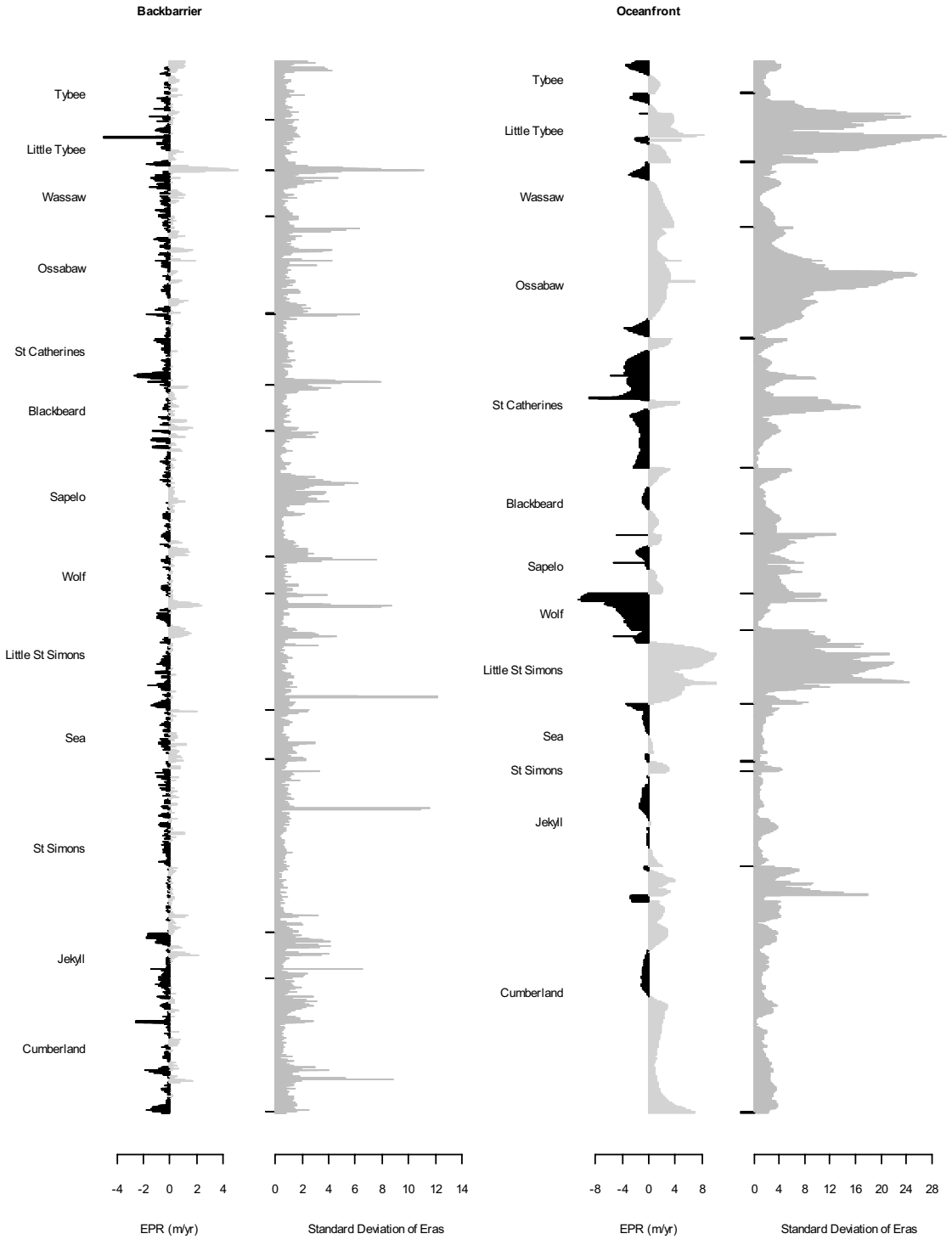


Figure 4.16. Comparison of oceanfront and backbarrier shoreline change EPR rates and standard deviation from 1855 to 2004. Positive EPR values indicate accretion and negative values indicate erosion. The standard deviation of eras is a measure of the variability of shoreline change rates for each era. Higher standard deviations indicate increasing variability in rate of shoreline movements. Low standard deviations suggest the rate of shoreline change is relatively consistent over time. Note a zone of increased oceanfront erosion from St. Catherines to Wolf I.

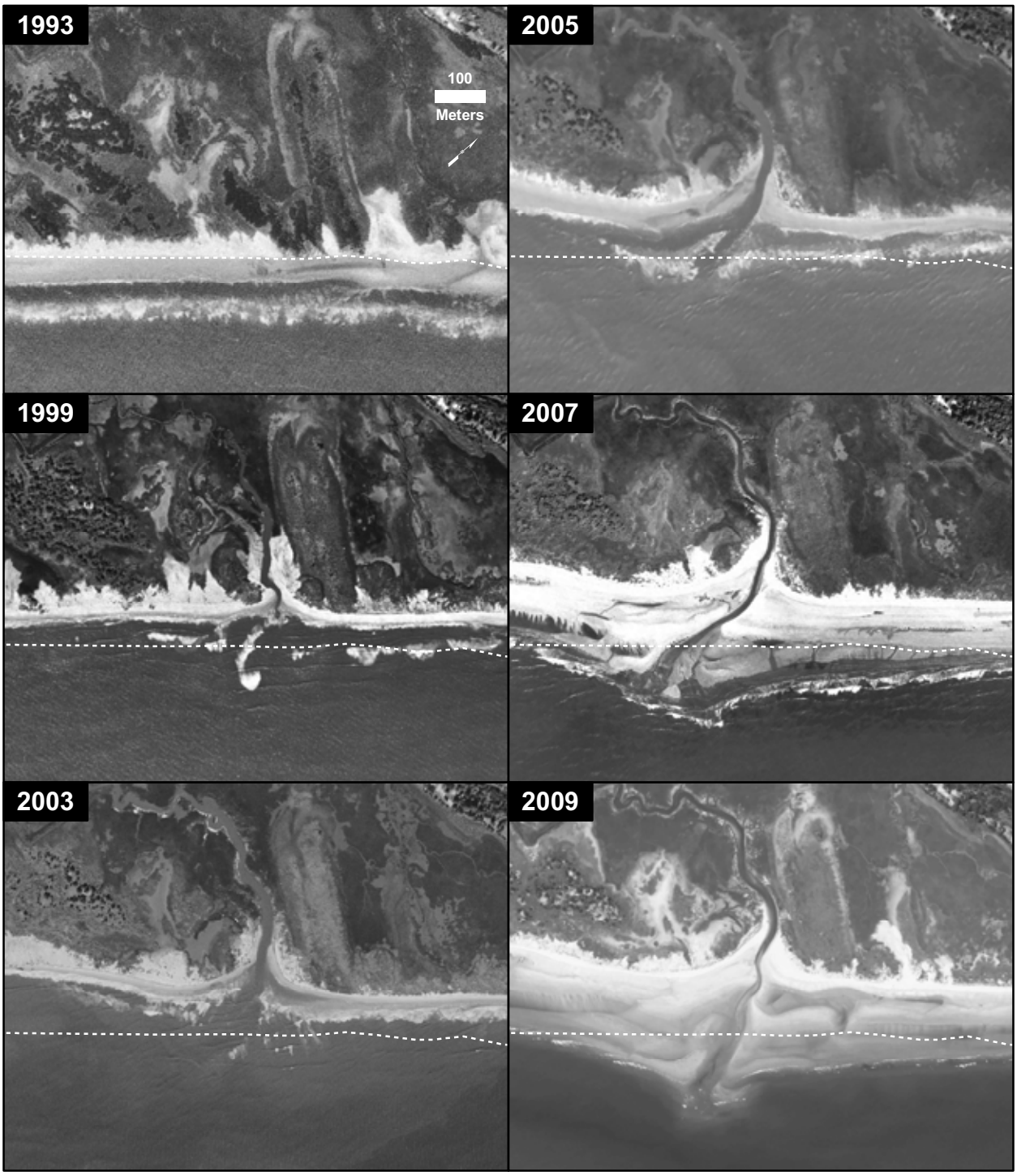


Figure 4.17. Impacts of ephemeral inlet formation and closure on shoreline change along central Ossabaw Island. Dashed line is the 1993 shoreline. Notice erosion occurring pre-inlet from 1993 to 1999 as evidenced by overwash fans in both images. The new delta becomes asymmetric in 2007 and favors dowdrift accretion. The shoreline returns to erosion in 2009 as the inlet is choked with sand and appears to be closing. Note the overall change in angle (strike) of shoreline orientation.

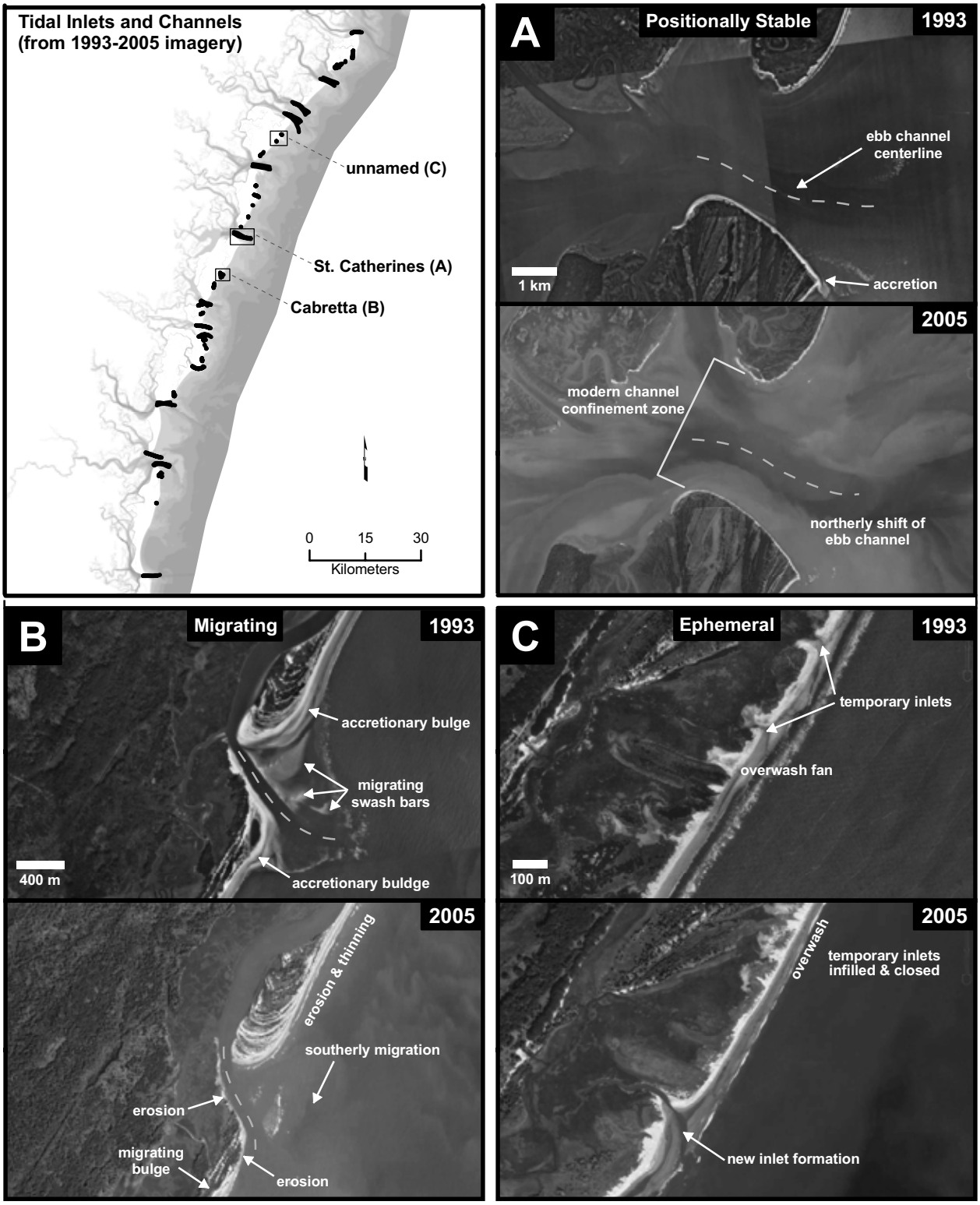


Figure 4.18. Location map and examples of three types of Georgia tidal inlet systems: positionally stable (A), migrating (B), and ephemeral (C). Inlets can promote shoreline erosion and accretion on adjacent barrier islands through complex linkages between the position and orientation of the ebb channel, ebb-delta symmetry, and the direction of longshore transport.

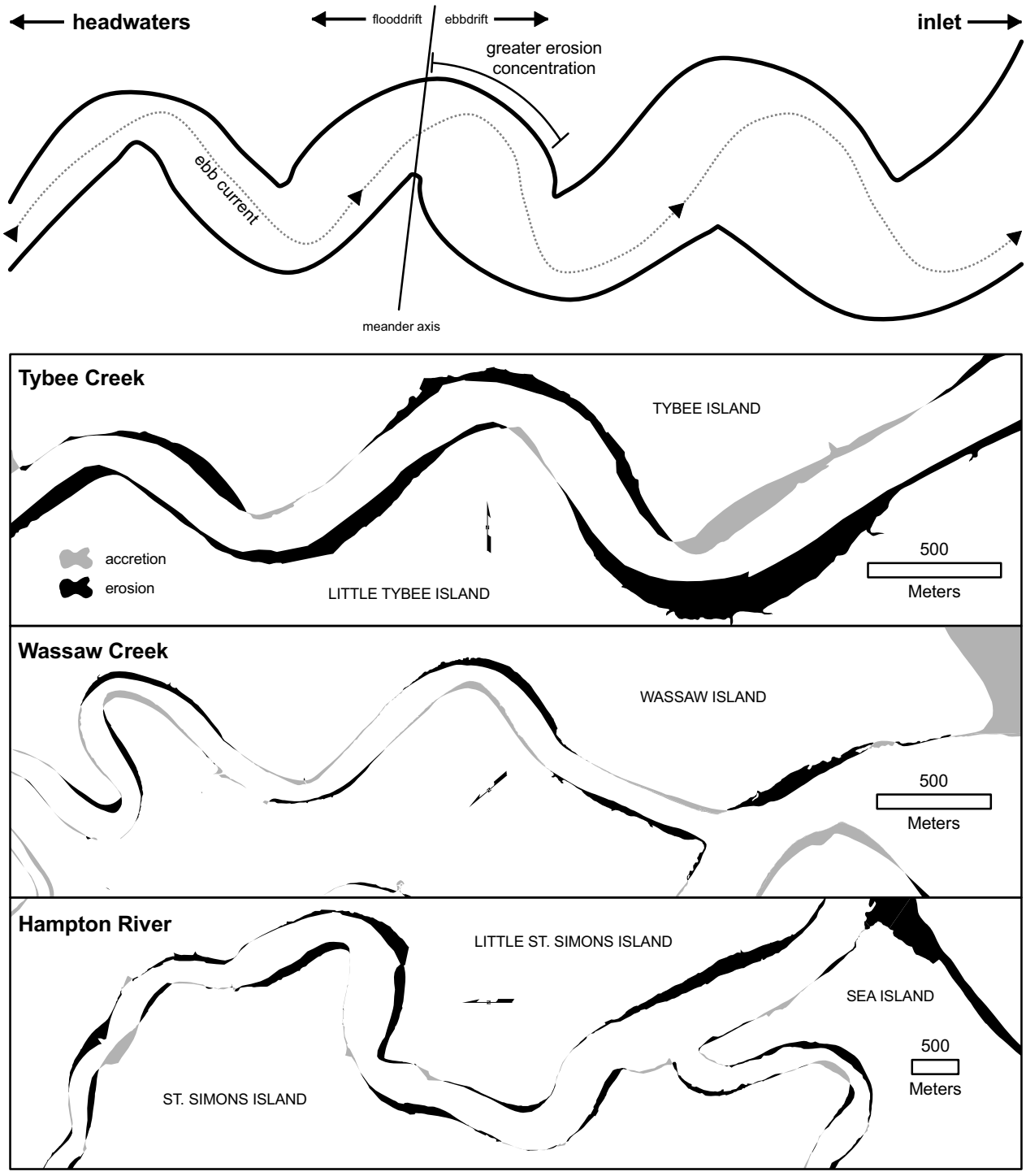


Figure 4.19. Stream-induced backbarrier erosion due to ebb-dominant flow in a Georgia estuarine stream meander. Erosion is concentrated along the ebbdrift side of the meander.

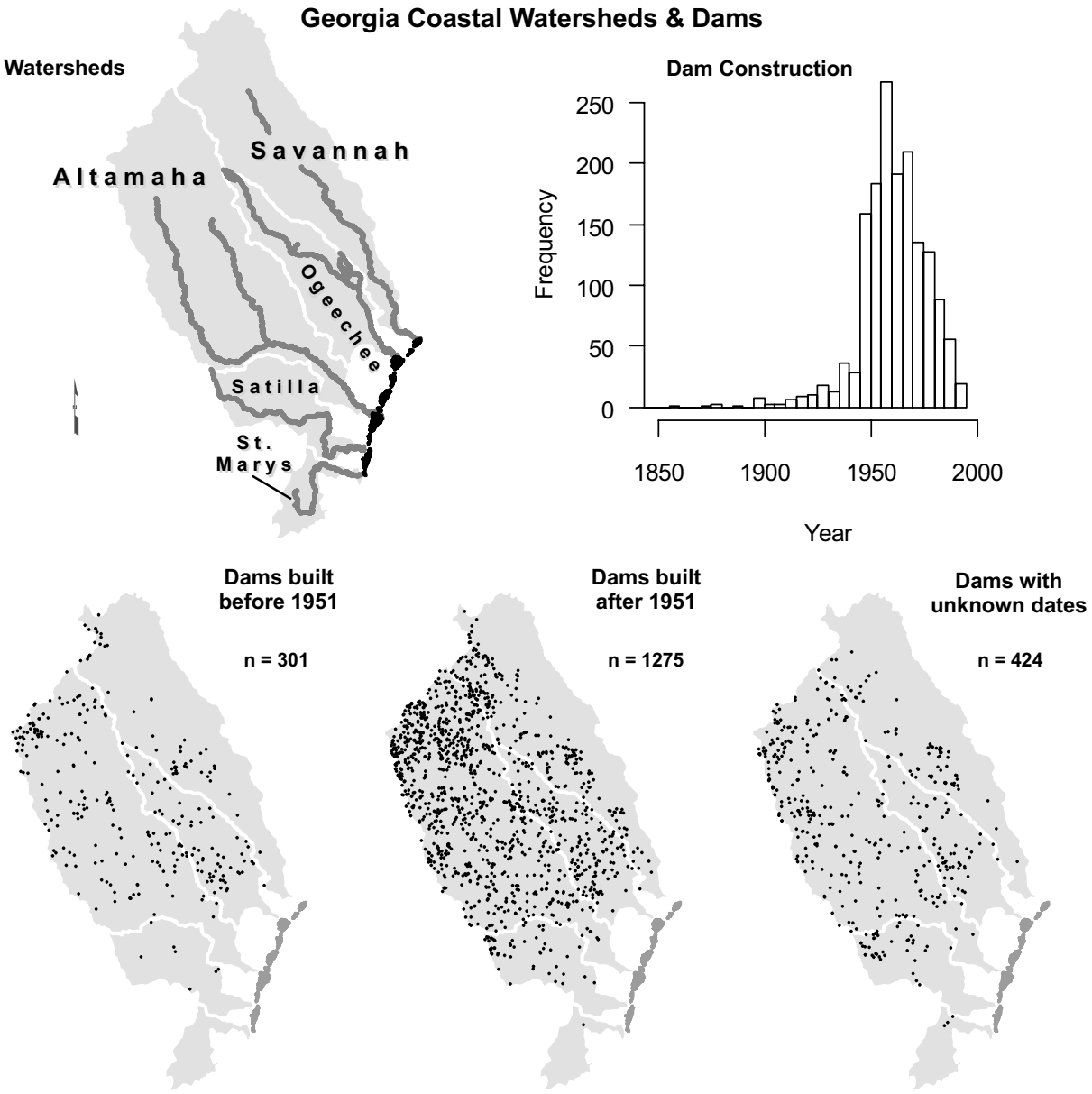


Figure 4.20. Coastal Georgia watersheds and history of dam construction of the Savannah, Altamaha, Ogeechee, Satilla, and St. Marys Rivers. Dam locations were obtained from the National Inventory of Dams that is maintained by the U.S. Army Corps of Engineers. Some dams were missing contruction dates. If it is assumed that the unknown dams are older than 1951, then the number dams constructed post-1951 is still substantially higher than those constructed earlier. Peak dam construction occurred in the late 1960s.

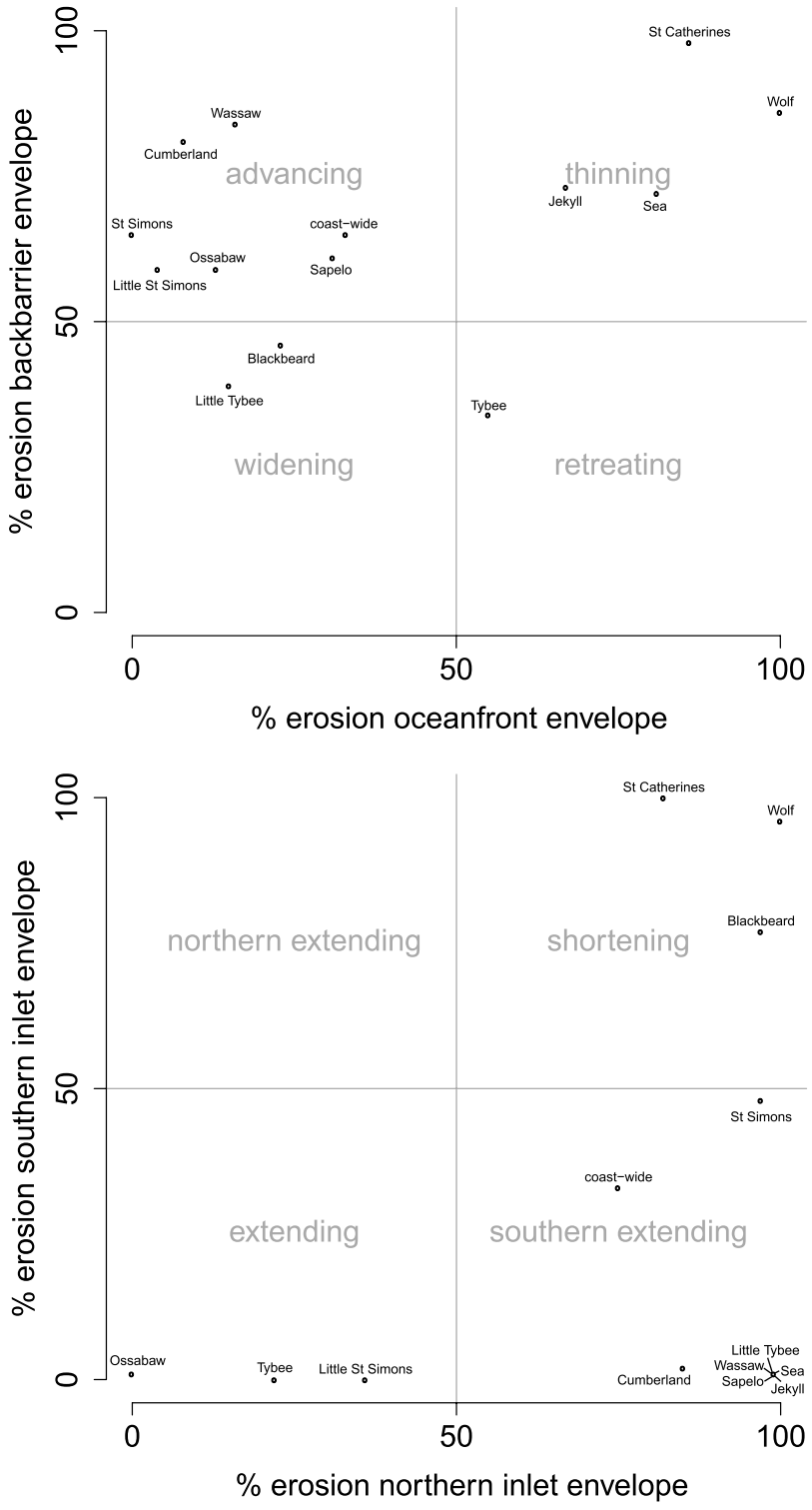


Figure 4.21. Morphologic (areal) classification of Georgia's barrier island shorelines based on erosion trends from 1855 to 2004. Plots depict the net shift in area of the shoreline change envelope.



shoreline envelope	island length	% envelope erosion	% chronic erosion	% hard/soft stabilized	% oceanfront hard/soft stabilized	compartment
retreating	extending	35	13	25	100	artificially stable
widening	s. extending	31	14	0	0	regressive-inlet dominated
advancing	s. extending	31	28	0.6	0	
advancing	extending	20	9	0	0	
thinning	shortening	91	46	0.1	0	transgressive-hotspot
widening	shortening	60	13	0.5	0	regressive-dynamically stable
advancing	s. extending	35	9	0	0	
thinning	shortening	99	34	0	0	transgressive-hotspot
advancing	extending	16	14	0	0	regressive-inlet dominated
thinning	s. extending	70	20	28	88	artificially stable
advancing	s. extending	57	11	11	22	
thinning	s. extending	54	31	22	45	
advancing	s. extending	21	13	1	0	regressive-dynamically stable

Figure 4.22. Coastal classification of Georgia's barrier islands based on shoreline trends from 1855 to 2004.

Table 4.1. Landfalling tropical cyclones along the Georgia coast from 1850 to 2007.

Year	Storm Name	Saffir-Simpson Intensity at Landfall	Barrier Island Location*	Estimated Wind Speed (km/hr)	Map ID (Figure 4.4)
1854	not named	category 3	St Catherines	185	M
1871	not named	tropical storm	Sea	111	G
1873	not named	tropical storm	Cumberland	74	K
1881	not named	category 2	St Catherines	167	E
1884	not named	tropical storm	St Catherines	74	J
1893	Great Sea Island	category 3	Ossabaw	185	O
1898	not named	category 4	Cumberland	213	L
1912	not named	tropical storm	Little St Simons	83	F
1912	not named	tropical depression	Ossabaw	56	A
1916	not named	tropical storm	Blackbeard	93	C
1919	not named	tropical storm	Little St Simons	74	H
1944	not named	tropical storm	Wassaw	93	T
1945	not named	tropical storm	Little Tybee	93	S
1947	not named	category 1	Wassaw	139	B
1953	not named	tropical depression	Little Tybee	56	D
1964	Cleo	tropical storm	Little St Simons	83	Q
1972	alpha	subtropical storm	Cumberland	93	I
1976	subtropical 3	subtropical storm	Little Tybee	65	R
1979	David	category 2	Blackbeard	157	P
1988	Chris	tropical storm	Wassaw	83	N

*Note: Landfalling locations prior to the 1960s and use of satellite imagery are estimated.

Table 4.2 Coast-wide shoreline data sources used in this study and associated agencies for Georgia.

Year (s)	Source	Agency	Scale	Accuracy (± m)	Name*
1855 to 1870	T-sheet HWL	U.S. Coast & Geodetic Survey (NOS)	1:10,000 - 12,000	7	"1855"
1933	T-sheet HWL	U.S. Coast & Geodetic Survey (NOS)	1:10,000	5	"1933"
1951	T-sheet HWL	U.S. Coast & Geodetic Survey (NOS)	1:10,000	4	"1951"
1974	orthophotomap HWL	National Ocean Service & USGS	1:24,000	7	"1974"
2002 to 2004	orthophoto HWL	National Ocean Service	1:24,000 - 30,000	5	"2004"

*Name used in the manuscript to identify a coast-wide dataset.

Table 4.3. Summary of short-term shoreline change rates for the Georgia coast.

	1855 to 1933					1933 to 1951					1951 to 1974					1974 to 2004				
	% erosion		EPR (± 0.13 m/yr)			% erosion		EPR (± 0.34 m/yr)			% erosion		EPR (± 0.35 m/yr)			% erosion		EPR (± 0.30 m/yr)		
location	along-shore	envelope	mean	mean eros.	mean acc.	along-shore	envelope	mean	mean eros.	mean acc.	along-shore	envelope	mean	mean eros.	mean acc.	along-shore	envelope	mean	mean eros.	mean acc.
									oceanfront											
Tybee	49	77	-1.60	-4.39	1.05	88	97	-0.59	-0.69	0.14	0	0	3.14	NA	3.14	49	13	0.52	-0.22	1.22
Little Tybee	39	22	1.49	-1.99	3.67	42	27	4.51	-3.14	10.00	55	43	1.53	-13.65	20.19	47	54	0.34	-9.88	9.42
Wassaw	24	14	2.03	-1.91	3.27	43	28	1.37	-2.48	4.21	47	52	-0.25	-3.60	2.74	39	18	0.63	-0.50	1.34
Ossabaw	66	44	0.45	-2.28	5.62	43	9	6.33	-1.54	12.37	46	38	1.48	-4.48	6.55	46	42	1.30	-7.35	8.63
St Catherines	94	99	-1.92	-2.09	0.57	53	27	2.62	-2.01	7.94	84	86	-2.02	-3.04	3.30	83	77	-2.30	-3.68	4.42
Blackbeard	52	71	-0.19	-0.78	0.44	32	17	2.89	-2.17	5.23	35	18	0.92	-0.88	1.88	46	39	0.60	-2.05	2.84
Sapelo	61	32	0.31	-0.87	2.11	30	16	4.21	-3.21	7.34	45	52	0.13	-5.12	4.36	69	74	-1.24	-2.66	1.93
Wolf	100	100	-4.75	-4.75	NA	100	100	-5.21	-5.21	NA	100	100	-6.30	-6.30	NA	91	99	-6.06	-6.65	0.09
Little St Simons	68	42	-1.51	-4.90	5.57	13	5	17.93	-4.58	21.41	11	3	9.81	-1.46	11.21	11	2	6.55	-0.92	7.50
Sea	47	69	-0.32	-1.11	0.39	54	76	-1.05	-2.79	0.97	82	87	-0.77	-1.11	0.77	56	49	-0.01	-1.18	1.47
St Simons	0	0	2.34	NA	2.34	8	1	4.99	-1.13	5.52	20	12	1.61	-1.07	2.28	16	2	1.73	-0.24	2.10
Jekyll	67	65	-0.28	-0.94	1.03	29	12	1.14	-0.65	1.85	77	89	-0.77	-1.17	0.56	60	72	-0.20	-0.56	0.34
Cumberland	38	16	1.17	-0.77	2.38	25	24	2.20	-2.92	3.91	43	33	0.79	-1.91	2.87	38	21	1.72	-1.65	3.74
coast-wide	56	46	-0.03	-2.04	2.58	39	21	3.44	-2.49	7.20	52	43	0.70	-3.47	5.31	50	46	0.55	-3.23	4.36
									backbarrier											
Tybee	30	18	0.35	-0.29	0.62	54	44	0.14	-0.65	1.06	47	53	-0.04	-0.82	0.66	73	78	-0.29	-0.60	0.54
Little Tybee	60	54	-0.06	-0.63	0.78	19	20	0.58	-1.02	0.96	51	33	0.41	-0.72	1.57	83	44	0.04	-0.82	4.16
Wassaw	81	86	-0.51	-0.76	0.55	38	38	0.25	-0.68	0.83	56	57	-0.16	-0.89	0.77	75	80	-0.40	-0.70	0.49
Ossabaw	61	68	-0.12	-0.42	0.35	48	48	0.19	-0.87	1.15	35	33	0.31	-0.97	0.99	71	61	-0.21	-0.81	1.24
St Catherines	63	84	-0.35	-0.70	0.22	66	81	-0.33	-0.66	0.29	52	38	0.19	-0.69	1.12	96	99	-1.12	-1.17	0.09
Blackbeard	33	40	0.14	-0.50	0.45	42	32	0.30	-0.46	0.87	36	38	0.15	-0.74	0.67	84	71	-0.31	-0.67	1.58
Sapelo	58	59	-0.08	-0.43	0.40	33	28	0.68	-0.65	1.33	49	40	0.24	-0.78	1.21	75	87	-0.52	-0.83	0.40
Wolf	54	77	-0.13	-0.36	0.14	56	53	-0.01	-0.47	0.59	7	1	0.52	-0.15	0.57	98	99	-0.67	-0.69	0.25
Little St Simons	67	71	-0.19	-0.53	0.50	49	34	0.34	-0.68	1.34	39	28	0.27	-0.44	0.74	73	66	-0.23	-0.71	1.05
Sea	72	75	-0.17	-0.45	0.56	36	26	0.34	-0.59	0.88	13	11	0.46	-0.43	0.59	94	97	-0.56	-0.62	0.43
St Simons	67	67	-0.11	-0.32	0.32	41	44	0.10	-0.70	0.66	42	41	0.09	-0.45	0.48	68	75	-0.16	-0.36	0.25
Jekyll	78	74	-0.28	-0.63	0.90	50	26	0.70	-0.73	2.14	46	62	-0.05	-0.84	0.62	81	81	-0.63	-0.89	0.52
Cumberland	80	82	-0.34	-0.56	0.57	32	37	0.26	-1.15	0.94	43	33	0.25	-0.52	0.82	81	87	-0.48	-0.72	0.50
coast-wide	64	67	-0.15	-0.50	0.45	42	38	0.27	-0.73	1.01	41	37	0.20	-0.66	0.81	78	77	-0.39	-0.72	0.76
									northern inlet-facing											
Tybee	30	27	1.81	-1.70	3.34	74	98	-6.59	-9.04	0.37	72	35	0.33	-0.66	2.82	11	2	4.02	-0.73	4.60
Little Tybee	81	96	-0.67	-0.87	0.19	100	100	-2.62	-2.62	NA	84	90	-1.28	-1.74	1.13	87	99	-6.69	-7.73	0.34
Wassaw	100	100	-1.34	-1.34	NA	81	84	-2.52	-3.79	2.84	85	93	-2.20	-2.82	1.22	31	22	1.08	-1.28	2.12
Ossabaw	37	18	1.10	-1.02	2.32	7	3	3.18	-1.24	3.50	20	6	5.78	-2.65	7.89	22	13	2.03	-2.68	3.34
St Catherines	71	90	-1.49	-2.41	0.80	76	69	-1.13	-2.83	4.13	80	58	-0.50	-2.49	7.23	96	98	-1.67	-1.76	0.49
Blackbeard	80	89	-1.74	-2.75	2.30	36	18	1.61	-1.56	3.42	100	100	-3.60	-3.60	NA	99	99	-3.33	-3.41	2.40
Sapelo	0	0	4.50	NA	4.50	44	41	1.50	-5.84	7.22	87	99	-10.28	-12.06	1.24	100	100	-4.42	-4.42	NA
Wolf	100	100	-3.04	-4.46	7.58	71	99	-5.40	-7.70	0.37	90	99	-8.24	-9.20	0.61	95	99	-1.86	-1.96	0.03
Little St Simons	100	100	-3.09	-3.09	NA	62	6	0.91	-0.78	3.65	17	6	6.60	-0.87	8.16	0	0	4.07	NA	4.07
Sea	100	100	-5.08	-5.08	NA	0	0	2.42	NA	2.42	100	100	-1.81	-1.81	NA	100	100	-2.97	-2.97	NA
St Simons	81	96	-2.51	-3.30	0.83	50	93	-1.13	-2.68	0.41	45	61	0.21	-1.11	1.30	52	58	-0.43	-1.16	0.38
Jekyll	100	100	-1.56	-1.56	NA	100	100	-3.47	-3.47	NA	32	32	0.16	-0.50	0.47	93	95	-0.91	-1.01	0.38
Cumberland	39	28	0.68	-0.85	1.65	43	26	1.25	-1.14	3.04	84	92	-1.51	-2.04	1.17	61	90	-2.41	-4.35	0.65
coast-wide	68	71	-0.91	-2.52	2.51	53	61	-0.56	-3.76	3.05	70	63	-0.92	-3.36	4.88	65	67	-0.97	-3.05	2.99
									southern inlet-facing											
Tybee	0	0	2.58	NA	2.58	72	90	-1.96	-3.21	1.24	3	1	3.17	-1.32	3.29	69	60	-0.14	-0.52	0.71
Little Tybee	42	42	0.10	-0.69	0.68	55	13	0.39	-0.43	1.38	9	2	2.19	-0.47	2.46	36	12	7.82	-3.17	14.01
Wassaw	2	1	3.11	-0.47	3.18	14	1	9.99	-0.73	11.78	22	3	4.52	-0.66	6.02	66	70	-0.19	-1.08	1.54
Ossabaw	0	0	2.28	NA	2.28	27	20	1.71	-1.71	2.99	18	10	1.34	-1.10	1.88	65	77	-0.94	-2.06	1.09
St Catherines	97	99	-5.69	-5.87	0.04	100	100	-3.55	-3.55	NA	100	100	-4.20	-4.20	NA	95	98	-4.50	-4.80	1.11
Blackbeard	100	100	-13.28	-13.28	NA	11	5	34.68	-2.85	39.37	21	28	6.33	-19.29	13.23	40	41	1.95	-4.35	6.22
Sapelo	21	5	1.63	-0.37	2.15	32	16	3.31	-6.17	7.78	4	0	5.15	-0.17	5.37	51	19	2.58	-1.05	6.39
Wolf	72	62	-0.07	-0.22	0.34	85	97	-3.57	-4.29	0.55	47	57	-0.79	-3.34	1.45	83	95	-1.50	-1.88	0.33
Little St Simons	38	34	0.17	-2.03	1.49	0	0	9.61	NA	9.61	46	28	0.99	-1.32	2.97	0	0	4.95	NA	4.95
Sea	15	16	2.59	-0.41	3.13	51	27	3.02	-1.95	8.15	9	2	4.91	-13.72	6.67	41	52	-1.54	-8.91	3.66
St Simons	66	72	-0.49	-1.22	1.01	32	22	1.00	-1.39	2.11	23	5	1.88	-0.46	2.56	86	87	-0.52	-0.74	0.85
Jekyll	3	1	2.42	-0.22	2.51	44	16	1.43	-1.39	3.65	20	2	3.15	-0.60	4.10	20	6	3.97	-1.60	5.39
Cumberland	33	10	2.63	-0.71	4.25	26	5	7.63	-1.43	10.75	19	4	5.06	-2.06	6.68	45	22	2.99	-1.41	6.58
coast-wide	44	53	-0.84	-5.12	2.56	41	22	6.01	-2.79	12.08	28	20	2.71	-4.21	5.43	57	40	0.74	-2.51	5.08

Table 4.4. Summary of long-term (1855 to 2004) shoreline change rates for the Georgia coast.

		% erosion		EPR (m/yr)				LRR (m/yr)			
location	n transects	alongshore	envelope	mean	± error	mean erosion	mean accretion	mean	± error	mean erosion	mean accretion
						oceanfront					
Tybee	76	45	55	-0.26	0.06	-1.98	1.13	-0.28	1.61	-2.09	1.11
Little Tybee	163	25	15	1.71	0.07	-1.56	2.80	1.80	9.57	-1.80	2.51
Wassaw	155	28	16	1.29	0.06	-1.27	2.27	1.32	3.03	-1.45	2.45
Ossabaw	262	16	13	1.51	0.06	-1.59	2.09	1.61	7.66	-1.48	2.38
St Catherines	307	84	86	-1.49	0.06	-2.21	2.40	-1.37	0.69	-2.16	2.54
Blackbeard	155	34	23	0.54	0.06	-0.59	1.13	0.58	2.26	-0.57	1.13
Sapelo	141	39	31	0.40	0.07	-1.04	1.34	0.56	3.39	-1.22	1.54
Wolf	87	100	100	-5.39	0.07	-5.39	NA	-5.37	-3.60	-5.37	NA
Little St Simons	175	17	4	4.67	0.07	-1.65	5.98	4.89	13.71	-1.84	6.29
Sea	136	68	81	-0.42	0.07	-0.80	0.37	-0.47	0.45	-0.80	0.33
St Simons	25	0	0	2.43	0.07	NA	2.43	2.51	4.26	NA	2.51
Jekyll	224	69	68	-0.16	0.06	-0.49	0.57	-0.14	0.54	-0.57	0.50
Cumberland	581	20	8	1.28	0.07	-0.89	1.91	1.27	3.17	-0.90	1.90
coast-wide	2487	40	33	0.64	0.06	-1.66	2.25	0.70	3.79	-1.71	2.30
						backbarrier					
Tybee	347	44	34	0.10	0.07	-0.29	0.43	0.12	0.61	-0.28	0.46
Little Tybee	295	59	39	0.09	0.07	-0.48	0.95	0.11	0.95	-0.45	0.94
Wassaw	265	81	84	-0.32	0.07	-0.50	0.45	-0.30	0.25	-0.49	0.46
Ossabaw	564	66	59	-0.03	0.06	-0.29	0.46	-0.01	0.60	-0.29	0.41
St Catherines	412	87	98	-0.41	0.06	-0.49	0.08	-0.37	0.21	-0.47	0.11
Blackbeard	271	43	46	0.05	0.07	-0.31	0.36	0.08	0.58	-0.33	0.34
Sapelo	726	56	61	-0.03	0.06	-0.28	0.29	0.01	0.57	-0.28	0.32
Wolf	213	69	86	-0.12	0.07	-0.22	0.08	-0.08	0.26	-0.22	0.10
Little St Simons	686	65	59	-0.06	0.07	-0.40	0.55	-0.04	0.54	-0.38	0.53
Sea	279	63	73	-0.06	0.08	-0.28	0.29	-0.03	0.60	-0.26	0.30
St Simons	1011	60	65	-0.07	0.07	-0.25	0.21	-0.05	0.28	-0.24	0.22
Jekyll	267	77	75	-0.22	0.06	-0.45	0.55	-0.17	0.37	-0.42	0.66
Cumberland	775	77	81	-0.19	0.07	-0.35	0.32	-0.16	0.33	-0.35	0.29
coast-wide	6111	65	65	-0.10	0.07	-0.35	0.38	-0.07	0.46	-0.34	0.37
						northern inlet-facing					
Tybee	46	30	22	0.96	0.06	-0.64	1.67	0.63	3.41	-0.78	1.25
Little Tybee	34	100	100	-2.29	0.07	-2.29	NA	-2.06	2.67	-2.06	NA
Wassaw	26	100	100	-1.14	0.06	-1.14	NA	-1.31	-0.01	-1.31	NA
Ossabaw	60	0	0	2.28	0.06	NA	2.28	2.33	5.45	NA	2.33
St Catherines	49	76	82	-1.32	0.06	-2.28	1.64	-1.28	-0.44	-2.32	1.93
Blackbeard	80	91	97	-1.95	0.06	-2.20	0.73	-1.81	-0.17	-2.29	0.65
Sapelo	17	71	100	-0.31	0.07	-0.61	0.41	-0.14	6.99	-0.66	1.12
Wolf	41	100	100	-4.47	0.08	-4.47	NA	-4.63	-2.00	-4.63	NA
Little St Simons	29	28	36	0.65	0.06	-0.92	1.25	0.57	5.09	-0.67	1.32
Sea	31	100	98	-3.08	0.07	-3.08	NA	-2.94	-0.81	-2.94	NA
St Simons	23	82	97	-1.47	0.07	-1.85	0.24	-1.48	0.09	-1.87	0.25
Jekyll	31	97	100	-1.39	0.06	-1.44	0.01	-1.45	-0.73	-1.45	NA
Cumberland	49	71	85	-0.27	0.06	-0.52	0.36	-0.13	1.85	-0.57	0.71
coast-wide	516	69	75	-0.97	0.06	-2.09	1.60	-0.96	1.49	-2.11	1.58
						southern inlet-facing					
Tybee	39	0	0	1.54	0.06	NA	1.54	1.60	3.01	NA	1.60
Little Tybee	33	0	0	1.71	0.07	NA	1.71	1.39	4.68	NA	1.39
Wassaw	50	4	1	3.56	0.06	-0.21	3.72	3.91	6.42	-0.20	4.08
Ossabaw	66	3	0	1.41	0.06	-0.04	1.46	1.57	3.05	-0.06	1.62
St Catherines	101	100	100	-4.92	0.06	-4.92	NA	-4.92	-3.63	-4.92	NA
Blackbeard	99	63	77	-0.43	0.06	-1.74	1.76	0.29	15.15	-1.57	1.78
Sapelo	79	0	0	2.66	0.06	NA	2.66	2.72	5.67	NA	2.72
Wolf	47	81	96	-0.96	0.06	-1.22	0.14	-0.99	0.29	-1.22	0.16
Little St Simons	40	0	0	2.57	0.07	NA	2.57	2.56	5.32	NA	2.56
Sea	59	12	3	2.06	0.07	-0.13	2.36	2.34	5.52	-0.12	2.67
St Simons	112	52	48	0.06	0.06	-0.72	0.89	0.10	0.90	-0.84	1.03
Jekyll	59	5	1	2.75	0.06	-0.34	2.92	2.66	4.47	-0.36	2.82
Cumberland	130	14	2	3.61	0.06	-0.25	4.35	3.71	6.57	-0.30	4.23
coast-wide	914	32	33	0.96	0.06	-2.38	2.54	1.09	4.53	-2.48	2.58

CHAPTER 5

CONCLUSIONS

Gaps exist in the assessment of shoreline change along Georgia's barrier islands and the identification of processes that influence change and their spatial/temporal extents. Previously unexamined shoreline localities that were difficult to analyze using currently available software programs provided a basis for the development of new tools and methods for analyzing change. The AMBUR (Analyzing Moving Boundaries Using R) package, developed using the R programming environment, improves upon existing GIS-based shoreline analysis tools by facilitating the investigations of barrier islands with complex shapes and highly curved coastlines. AMBUR provides a suite of functions for quantifying the rate and magnitude of shoreline movement, and, performs additional statistical, graphical, and geospatial analyses/output. The reliability of transect-based analyses is improved using new techniques for curved shorelines too problematic for the traditional perpendicular-transect method.

The application of AMBUR to Georgia's barrier islands yielded a rich dataset of island-wide shoreline change and facilitated the classification of the modern behavior of the coast. Historical shorelines from 1855 to 2004 were analyzed and partitioned into oceanfront, backbarrier, and inlet-facing zones. In general, oceanfront and inlet-facing shorelines have higher change rates, wider envelopes, and are more variable in their movement than the backbarrier shore. Stable, migrating, and ephemeral inlet processes at the local level exert the greatest influence over oceanfront shorelines. Backbarrier shorelines are primarily influenced by tidal creek migration, proximity to inlets and confluences of other streams.

Initially, from 1855 to 1933, most of the Georgia oceanfront and backbarrier experienced erosion, while accretion was more prevalent during the subsequent 1933 to 1951 era. Erosion

increased throughout the remaining '1951 to 1974' and '1974 to 2004' eras. Throughout the 1855 to 2004 era, approximately 41 % of Georgia's oceanfront shoreline eroded at a mean rate of -1.66 m/yr EPR (± 0.06 m/yr) and the remaining shoreline accreted at 2.25 m/yr EPR (± 0.06 m/yr). The backbarrier eroded along 65 % of the shore at a mean rate of -0.35 m/yr EPR (± 0.07 m/yr) throughout the period.

Approximately 17.6 % of the Georgia coast experienced chronic erosion from 1855 to 2004. Greater than half of the islands exhibited a net seaward shift in area and regressive behavior. However, Wolf and St. Catherines Islands are thinning and shortening and are transgressive, erosional hotspots located in sediment-depleted coastal compartments. Reversals of longshore transport, primarily due to sediment gyres associated with inlets and seasonal shifts of wind/wave climate regimes, promote periods of accretion and erosion along the northern and southern ends of some islands. Furthermore, coast-wide, the sand-sharing system likely functions within cells, or compartments, because of these processes and not necessarily a "river of sand."

Human activities are influencing erosion and accretion rates through uses of hard/soft stabilization and dredging activities. Armored shorelines forcibly held in place along the coast did not experience widespread, long-term accretion and were located close to the hard structure. Furthermore, erosion and accretion rates along hard-stabilized shores tend to be lower than adjacent natural shorelines. More than half of the length of the Atlantic Intracoastal Waterway (AIWW) from Cumberland to Tybee Islands is adjacent to the backbarrier shoreline and has affected the shore through dredging activities. More data are needed to sufficiently link

anthropogenic activities occurring along the island, and inland of the coastal zone, with erosion and accretion trends for the whole of the Georgia coast.

Finally, this study improves upon previous investigations that focused solely on oceanfront shorelines by including inlet and backbarrier settings, and, using AMBUR for a true island-wide analysis of Georgia's barrier islands. AMBUR can assist researchers and managers with performing comprehensive shoreline studies at various scales to provide baseline data for both science and policy. Both AMBUR and R provide powerful tools for the analysis and management of coast-wide datasets for virtually any shoreline type worldwide.

APPENDIX A

SHORELINE CHANGE MAPS AND DATA TABLE FOR GEORGIA'S BARRIER ISLANDS

Explanation of Maps and Data Table

Maps:

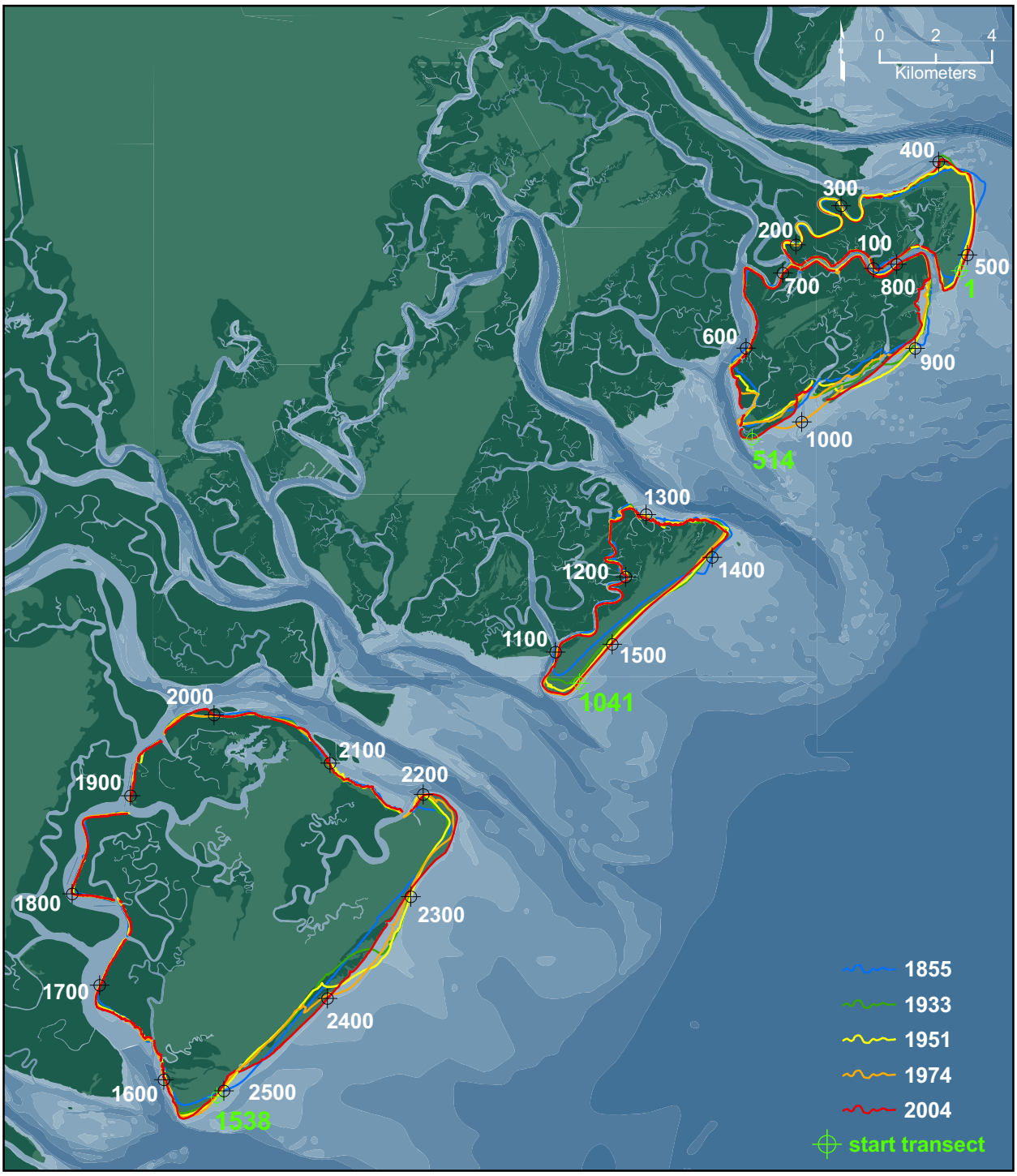
Maps depict historical shorelines used to generate the statistical data and the location of reference transects. The starting transect of each island is shown in "green" color. Transects move clockwise around the island from the start transect.

Data Table:

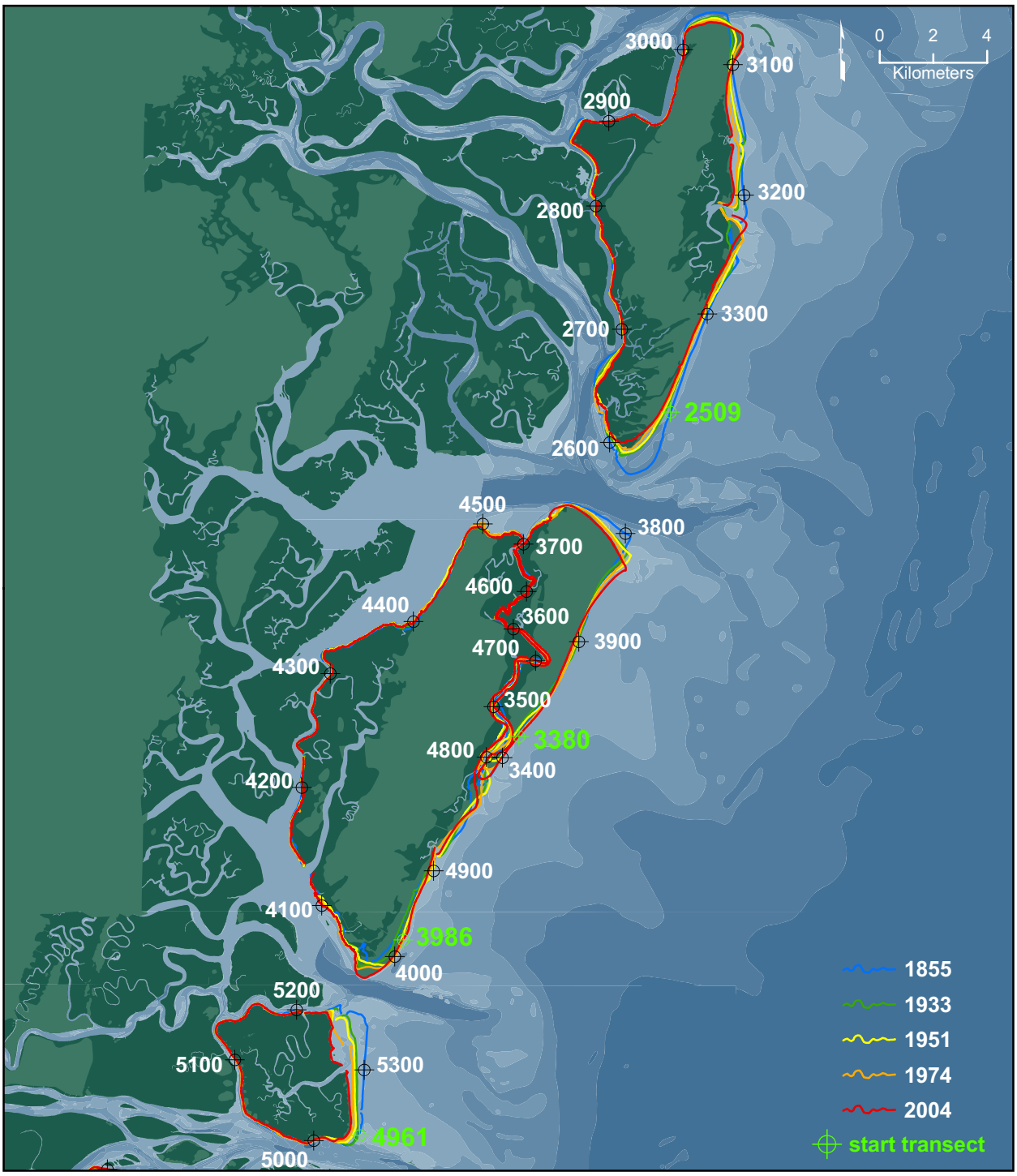
FIELD	DESCRIPTION
Transect	number of the transect
Start X	starting coordinate of the transect in UTM Zone 17, NAD-1983, Easting
Start Y	starting coordinate of the transect in UTM Zone 17, NAD-1983, Northing
End X	starting coordinate of the transect in UTM Zone 17, NAD-1983, Easting
End Y	starting coordinate of the transect in UTM Zone 17, NAD-1983, Northing
EPR	End-point rate calculation in m/yr (the distance from oldest to youngest shoreline divided by their time difference)
EPR St.Dev.	standard devation of EPR rates between each historical shoreline in m/yr
LRR	linear regression shoreline change rate in m/yr
LRR r^2	linear regression r-squared
WLR	weighted linear regression shoreline change rate in m/yr (the weights are the accuracy of each shoreline; stronger weight given to higher accuracy shorelines)
WLR r^2	weighted linear regression r-squared
Island	Name of the barrier island

Transect Key:

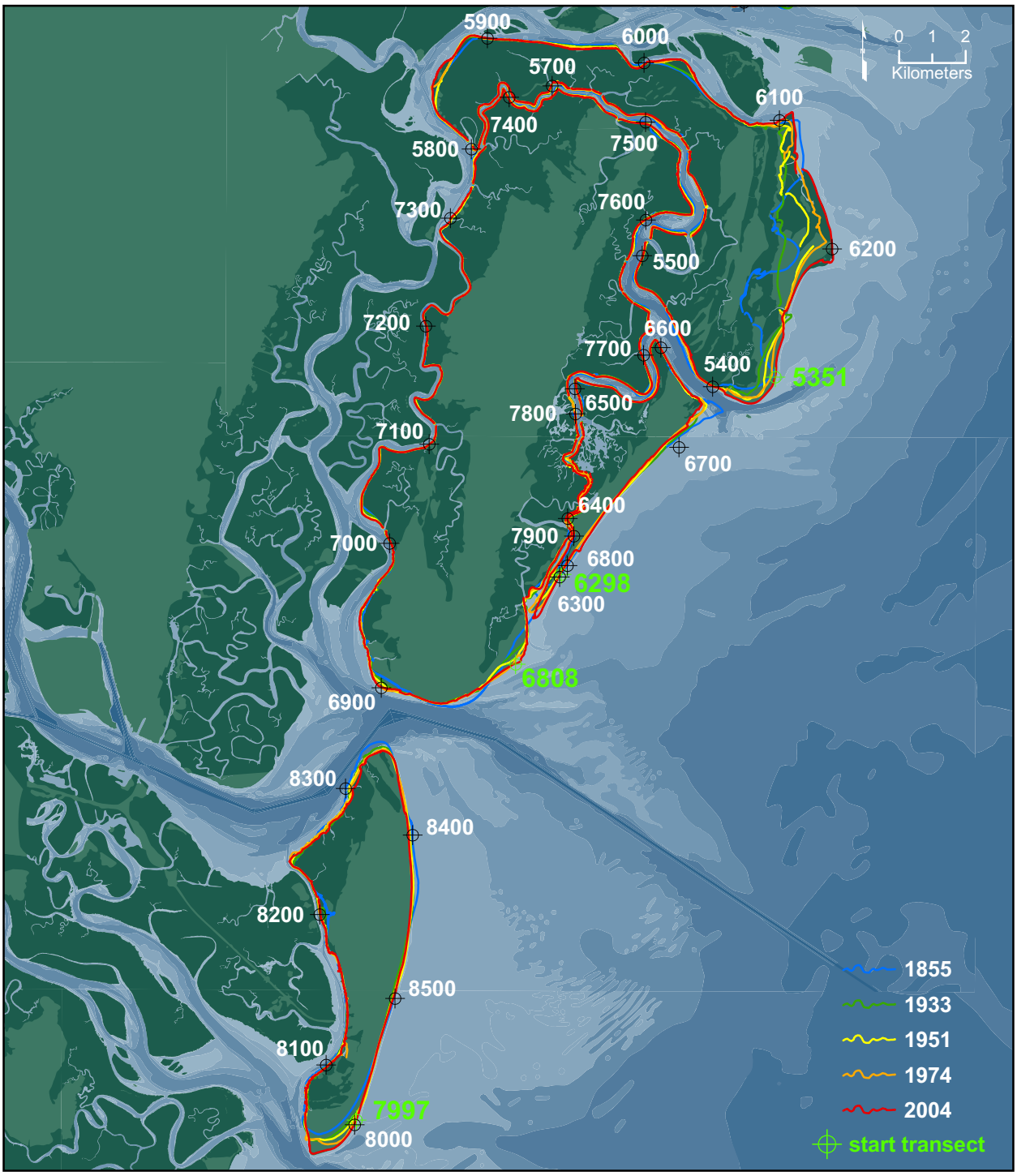
Island	Start	End	south inlet start	south inlet end	Backbarrier start	Backbarrier end	North inlet start	North inlet end	Oceanfront start	Oceanfront end
Tybee	1	513	1	39	40	391	392	437	438	513
Little Tybee	514	1040	514	546	547	843	844	877	878	1040
Wassaw	1041	1537	1041	1090	1091	1356	1357	1382	1383	1537
Ossabaw	1538	2508	1538	1603	1604	2186	2187	2246	2247	2508
St Catherines	2509	3379	2509	2609	2610	3023	3024	3072	3073	3379
Blackbeard	3380	3985	3380	3478	3479	3750	3751	3830	3831	3985
Sapelo	3986	4960	3986	4064	4065	4802	4803	4819	4820	4960
Wolf	4961	5350	4961	5007	5008	5222	5223	5263	5264	5350
Little St Simons	5351	6297	5351	5390	5391	6093	6094	6122	6123	6297
Sea	6298	6807	6298	6356	6357	6640	6641	6671	6672	6807
St Simons	6808	7996	6808	6919	6920	7948	7949	7971	7972	7996
Jekyll	7997	8577	7997	8055	8056	8322	8323	8353	8354	8577
Cumberland	8578	10113	8578	8707	8708	9483	9484	9532	9533	10113



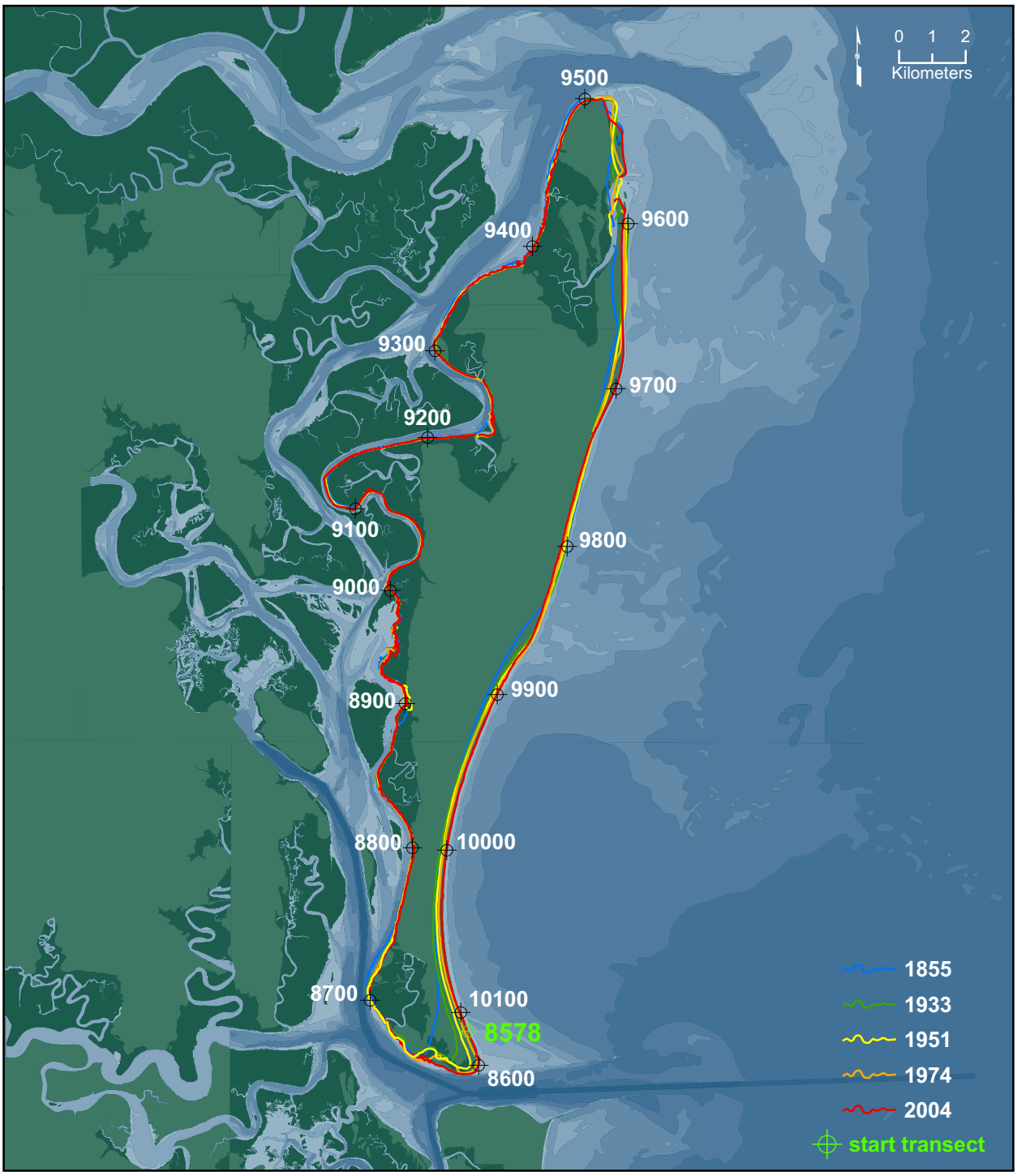
Map 1. Tybee, Little Tybee, Wassaw, and Ossabaw Islands.



Map 2. St. Catherines, Blackbeard, Sapelo, and Wolf Islands.



Map 3. Little St. Simons, Sea, St. Simons, and Jekyll Islands.



Map 4. Cumberland Island.

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1	514585	3539653	514456	3539698	0.84	2.46	0.88	0.78	0.83	0.62	Tybee
2	514566	3539607	514440	3539651	0.86	2.51	0.89	0.78	0.84	0.61	Tybee
3	514551	3539559	514424	3539605	0.86	2.56	0.87	0.77	0.83	0.59	Tybee
4	514529	3539514	514407	3539562	0.85	2.51	0.86	0.77	0.82	0.59	Tybee
5	514507	3539469	514395	3539519	0.80	2.44	0.81	0.76	0.76	0.58	Tybee
6	514492	3539422	514380	3539484	0.78	2.43	0.81	0.75	0.73	0.57	Tybee
7	514479	3539374	514368	3539459	0.81	2.53	0.84	0.74	0.75	0.55	Tybee
8	514460	3539328	514355	3539440	0.87	2.65	0.91	0.75	0.80	0.56	Tybee
9	514438	3539283	514341	3539432	1.03	2.79	1.08	0.78	0.95	0.62	Tybee
10	514419	3539237	514335	3539431	1.21	3.10	1.27	0.79	1.11	0.64	Tybee
11	514399	3539191	514332	3539431	1.42	3.37	1.49	0.81	1.31	0.67	Tybee
12	514380	3539145	514329	3539431	1.62	3.98	1.69	0.80	1.49	0.65	Tybee
13	514364	3539097	514328	3539431	1.78	4.47	1.86	0.80	1.64	0.65	Tybee
14	514345	3539051	514326	3539430	1.96	4.98	2.03	0.80	1.81	0.65	Tybee
15	514311	3539015	514313	3539430	2.05	5.62	2.11	0.78	1.89	0.61	Tybee
16	514277	3538979	514276	3539433	1.79	5.83	1.85	0.73	1.65	0.53	Tybee
17	514233	3538954	514233	3539436	1.44	5.59	1.49	0.66	1.32	0.44	Tybee
18	514185	3538947	514189	3539436	1.27	4.99	1.29	0.64	1.12	0.40	Tybee
19	514137	3538932	514149	3539434	3.13	4.90	3.16	0.79	2.67	0.65	Tybee
20	514088	3538929	514107	3539431	3.33	4.26	3.32	0.81	2.85	0.69	Tybee
21	514038	3538936	514089	3539432	3.44	4.60	3.45	0.79	2.92	0.66	Tybee
22	513989	3538936	514073	3539435	3.48	4.47	3.56	0.78	2.97	0.65	Tybee
23	513950	3538966	514060	3539437	3.27	3.80	3.30	0.74	2.72	0.59	Tybee
24	513919	3539003	514047	3539440	2.70	2.94	2.78	0.72	2.26	0.54	Tybee
25	513907	3539051	514047	3539440	2.27	2.22	2.47	0.84	2.13	0.71	Tybee
26	513915	3539100	514043	3539441	2.17	1.86	2.36	0.87	2.05	0.77	Tybee
27	513915	3539149	514043	3539441	2.04	1.54	2.19	0.89	1.92	0.81	Tybee
28	513906	3539195	514039	3539443	1.93	0.98	1.96	0.92	1.78	0.87	Tybee
29	513871	3539231	514025	3539455	1.86	0.67	1.84	0.97	1.76	0.96	Tybee
30	513852	3539277	514008	3539470	1.69	1.65	1.70	0.97	1.67	0.93	Tybee
31	513839	3539325	513993	3539484	1.47	1.38	1.48	0.97	1.47	0.94	Tybee
32	513832	3539374	513968	3539506	1.13	1.31	1.21	0.95	1.16	0.94	Tybee
33	513837	3539424	513953	3539526	0.99	1.43	1.04	0.92	0.98	0.88	Tybee
34	513824	3539471	513930	3539552	0.85	1.23	0.91	0.92	0.86	0.90	Tybee
35	513813	3539519	513906	3539579	0.65	1.19	0.71	0.89	0.67	0.85	Tybee
36	513798	3539566	513883	3539618	0.49	1.11	0.57	0.82	0.54	0.81	Tybee
37	513790	3539615	513868	3539654	0.37	1.03	0.47	0.75	0.42	0.72	Tybee
38	513771	3539658	513851	3539691	0.33	1.12	0.44	0.68	0.40	0.65	Tybee
39	513765	3539706	513829	3539732	0.18	1.16	0.29	0.46	0.25	0.36	Tybee
40	513755	3539755	513816	3539775	0.19	1.04	0.30	0.52	0.26	0.41	Tybee
41	513743	3539803	513802	3539819	0.23	1.10	0.32	0.58	0.30	0.43	Tybee
42	513731	3539847	513792	3539861	0.10	1.34	0.20	0.26	0.20	0.18	Tybee
43	513717	3539893	513779	3539908	0.04	1.31	0.14	0.15	0.13	0.10	Tybee
44	513706	3539937	513771	3539949	0.02	1.43	0.13	0.12	0.12	0.07	Tybee
45	513704	3539986	513762	3539997	0.00	1.31	0.10	0.08	0.10	0.06	Tybee
46	513690	3540034	513752	3540043	-0.12	1.43	0.00	0.00	0.01	0.00	Tybee
47	513676	3540082	513744	3540100	-0.25	1.43	-0.15	0.12	-0.11	0.05	Tybee
48	513659	3540127	513745	3540158	-0.28	1.71	-0.18	0.11	-0.11	0.03	Tybee
50	513595	3540203	513657	3540258	-0.50	0.00	-0.50	0.00	-0.50	0.00	Tybee
51	513566	3540244	513633	3540310	-0.54	0.00	-0.54	0.00	-0.54	0.00	Tybee
52	513556	3540292	513577	3540319	-0.10	0.46	-0.12	0.35	-0.21	0.72	Tybee
53	513514	3540320	513552	3540370	0.19	0.56	0.21	0.29	-0.10	0.10	Tybee
54	513469	3540342	513515	3540393	0.31	0.61	0.33	0.56	0.08	0.09	Tybee
55	513426	3540366	513458	3540407	-0.12	0.59	-0.13	0.16	-0.34	0.67	Tybee
56	513382	3540389	513410	3540448	-0.32	0.62	-0.34	0.61	-0.52	0.85	Tybee
57	513335	3540406	513369	3540471	-0.45	0.43	-0.42	0.73	-0.68	0.89	Tybee
58	513285	3540412	513317	3540487	-0.51	0.45	-0.47	0.83	-0.69	0.91	Tybee
59	513236	3540417	513262	3540504	-0.57	0.58	-0.51	0.86	-0.72	0.93	Tybee
60	513196	3540446	513219	3540524	-1.59	0.00	-1.59	0.00	-1.59	0.00	Tybee
63	513048	3540456	513044	3540558	-0.66	0.35	-0.62	0.97	-0.72	0.99	Tybee
64	512999	3540455	512986	3540544	-0.56	0.43	-0.59	0.94	-0.62	0.98	Tybee
65	512949	3540455	512936	3540518	-0.38	0.35	-0.36	0.95	-0.40	0.98	Tybee
66	512899	3540449	512881	3540498	-0.30	0.24	-0.29	0.93	-0.25	0.94	Tybee
67	512850	3540442	512834	3540487	-0.23	0.52	-0.28	0.79	-0.25	0.85	Tybee
68	512807	3540416	512788	3540464	-0.22	0.83	-0.26	0.56	-0.30	0.75	Tybee
69	512767	3540387	512739	3540440	-0.19	1.11	-0.23	0.36	-0.32	0.64	Tybee
70	512728	3540355	512693	3540404	-0.19	1.23	-0.21	0.32	-0.31	0.61	Tybee
71	512688	3540325	512655	3540372	-0.17	1.08	-0.20	0.32	-0.31	0.64	Tybee
72	512646	3540297	512618	3540332	-0.10	1.05	-0.08	0.10	-0.21	0.53	Tybee
73	512605	3540270	512579	3540304	-0.09	1.03	-0.06	0.06	-0.21	0.54	Tybee
74	512564	3540241	512542	3540274	-0.04	0.74	-0.05	0.05	-0.16	0.47	Tybee
75	512523	3540212	512503	3540248	0.00	0.89	-0.01	0.00	-0.13	0.32	Tybee
76	512482	3540183	512460	3540225	0.05	1.01	0.07	0.05	-0.11	0.20	Tybee
77	512440	3540157	512417	3540204	0.12	0.95	0.14	0.20	-0.05	0.04	Tybee
78	512396	3540133	512371	3540184	0.15	0.76	0.16	0.26	-0.05	0.04	Tybee
79	512351	3540111	512323	3540163	0.19	0.63	0.21	0.36	-0.02	0.01	Tybee
80	512307	3540087	512280	3540141	0.23	0.73	0.27	0.48	0.02	0.01	Tybee
81	512263	3540063	512234	3540113	0.22	0.79	0.25	0.47	0.03	0.02	Tybee
82	512218	3540041	512189	3540090	0.22	0.75	0.24	0.47	0.04	0.04	Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
83	512173	3540020	512143	3540072	0.37	0.84	0.37	0.75	0.32	0.53	Tybee
84	512135	3539989	512107	3540042	0.28	0.80	0.29	0.58	0.12	0.26	Tybee
85	512092	3539963	512060	3540020	0.33	0.67	0.35	0.67	0.15	0.34	Tybee
86	512050	3539935	512020	3540001	0.36	0.79	0.39	0.64	0.14	0.24	Tybee
87	512013	3539902	511976	3539981	0.45	1.15	0.47	0.63	0.21	0.35	Tybee
88	511975	3539869	511930	3539961	0.54	1.43	0.55	0.64	0.29	0.41	Tybee
89	511938	3539836	511884	3539939	0.62	1.54	0.63	0.63	0.31	0.38	Tybee
90	511901	3539802	511836	3539912	0.65	1.53	0.67	0.59	0.26	0.25	Tybee
91	511863	3539769	511788	3539883	0.69	1.65	0.70	0.57	0.26	0.21	Tybee
92	511822	3539742	511739	3539849	0.68	1.37	0.71	0.57	0.20	0.14	Tybee
93	511780	3539714	511700	3539817	0.68	1.14	0.70	0.60	0.23	0.18	Tybee
94	511736	3539690	511668	3539786	0.58	1.02	0.60	0.55	0.14	0.08	Tybee
95	511691	3539669	511641	3539758	0.52	0.89	0.53	0.60	0.18	0.19	Tybee
96	511643	3539653	511613	3539745	0.43	0.96	0.47	0.52	0.06	0.02	Tybee
97	511594	3539654	511595	3539739	0.26	0.99	0.33	0.31	-0.16	0.11	Tybee
98	511547	3539672	511567	3539735	0.04	0.76	0.09	0.03	-0.37	0.42	Tybee
99	511510	3539705	511542	3539756	-0.11	0.65	-0.06	0.03	-0.45	0.60	Tybee
100	511477	3539743	511520	3539784	-0.20	0.62	-0.15	0.15	-0.51	0.69	Tybee
101	511447	3539783	511496	3539817	-0.21	0.69	-0.14	0.14	-0.52	0.69	Tybee
102	511419	3539824	511472	3539853	-0.26	0.71	-0.22	0.34	-0.54	0.74	Tybee
103	511396	3539869	511448	3539894	-0.27	0.75	-0.24	0.43	-0.51	0.76	Tybee
104	511377	3539915	511433	3539941	-0.34	0.81	-0.30	0.55	-0.56	0.80	Tybee
105	511355	3539959	511411	3539983	-0.35	0.69	-0.32	0.74	-0.50	0.85	Tybee
106	511339	3540006	511391	3540032	-0.34	0.74	-0.32	0.78	-0.46	0.86	Tybee
107	511326	3540053	511375	3540082	-1.25	0.00	-1.25	0.00	-1.25	0.00	Tybee
109	511270	3540136	511301	3540158	-0.22	0.33	-0.26	0.86	-0.28	0.95	Tybee
110	511241	3540176	511271	3540202	-0.33	0.43	-0.37	0.84	-0.34	0.96	Tybee
111	511202	3540207	511233	3540239	-0.25	0.25	-0.24	0.94	-0.28	0.97	Tybee
112	511162	3540236	511191	3540273	-0.25	0.19	-0.27	0.91	-0.18	0.74	Tybee
113	511117	3540258	511145	3540300	-0.29	0.41	-0.27	0.91	-0.26	0.94	Tybee
114	511070	3540275	511094	3540325	-0.32	0.65	-0.30	0.80	-0.26	0.82	Tybee
115	511022	3540289	511046	3540349	-0.39	0.78	-0.35	0.76	-0.30	0.80	Tybee
116	510974	3540304	511000	3540365	-0.42	0.72	-0.46	0.91	-0.51	0.85	Tybee
117	510926	3540317	510942	3540376	-0.36	0.78	-0.36	0.86	-0.30	0.80	Tybee
118	510876	3540324	510888	3540402	-0.41	0.42	-0.45	0.95	-0.40	0.95	Tybee
119	510826	3540327	510834	3540385	-0.27	1.11	-0.28	0.61	-0.17	0.38	Tybee
120	510777	3540330	510779	3540376	-0.17	0.68	-0.15	0.36	-0.03	0.02	Tybee
121	510728	3540321	510712	3540375	0.21	0.80	0.28	0.44	0.21	0.69	Tybee
122	510686	3540298	510661	3540378	-0.32	1.28	-0.33	0.46	-0.06	0.02	Tybee
123	510648	3540267	510615	3540340	-0.36	0.29	-0.33	0.96	-0.36	0.94	Tybee
124	510608	3540237	510578	3540281	-0.31	0.48	-0.27	0.84	-0.34	0.95	Tybee
125	510571	3540203	510542	3540234	-0.23	0.35	-0.23	0.88	-0.17	0.79	Tybee
126	510531	3540173	510507	3540202	-0.19	0.22	-0.20	0.92	-0.14	0.84	Tybee
127	510492	3540142	510473	3540161	-0.12	0.26	-0.11	0.72	-0.09	0.80	Tybee
128	510453	3540111	510436	3540128	-0.07	0.31	-0.04	0.17	-0.10	0.72	Tybee
129	510416	3540078	510404	3540094	-0.03	0.24	-0.02	0.06	-0.08	0.66	Tybee
130	510382	3540042	510370	3540059	0.00	0.36	0.01	0.02	-0.05	0.30	Tybee
131	510350	3540003	510323	3540043	0.02	0.85	0.09	0.11	0.08	0.18	Tybee
132	510313	3539970	510296	3539997	0.05	0.64	0.08	0.26	0.05	0.24	Tybee
133	510273	3539940	510256	3539965	0.02	0.63	0.05	0.13	0.04	0.15	Tybee
134	510233	3539911	510214	3539933	0.08	0.72	0.15	0.21	0.08	0.29	Tybee
135	510186	3539896	510167	3539920	NA	NA	NA	0.00	NA	0.00	Tybee
136	510148	3539868	510135	3539888	0.13	0.49	0.10	0.50	0.06	0.15	Tybee
137	510108	3539838	510093	3539866	0.11	0.55	0.11	0.46	0.07	0.35	Tybee
138	510066	3539811	510054	3539852	0.11	0.72	0.11	0.25	0.00	0.00	Tybee
139	510018	3539800	510021	3539841	0.15	0.70	0.15	0.41	0.07	0.21	Tybee
140	509971	3539815	509980	3539839	0.07	0.34	0.07	0.41	0.02	0.08	Tybee
141	509930	3539843	509948	3539870	-0.14	0.27	-0.12	0.50	-0.25	0.81	Tybee
142	509890	3539873	509924	3539905	-0.26	0.28	-0.25	0.68	-0.41	0.87	Tybee
143	509849	3539902	509900	3539939	-0.38	0.32	-0.38	0.86	-0.50	0.94	Tybee
144	509813	3539937	509862	3539982	-0.40	0.31	-0.41	0.89	-0.51	0.95	Tybee
145	509778	3539972	509824	3540025	-0.43	0.36	-0.45	0.90	-0.53	0.96	Tybee
146	509742	3540008	509780	3540061	-0.39	0.43	-0.42	0.89	-0.47	0.95	Tybee
147	509703	3540038	509732	3540090	-0.35	0.54	-0.39	0.86	-0.40	0.92	Tybee
148	509663	3540067	509676	3540110	-0.23	0.71	-0.26	0.73	-0.26	0.78	Tybee
149	509617	3540087	509627	3540130	-0.22	0.71	-0.22	0.64	-0.28	0.81	Tybee
150	509569	3540101	509574	3540149	-0.27	0.69	-0.28	0.73	-0.34	0.86	Tybee
151	509520	3540113	509521	3540150	-0.19	0.78	-0.22	0.64	-0.19	0.63	Tybee
152	509470	3540116	509467	3540152	-0.12	0.68	-0.15	0.46	-0.14	0.52	Tybee
153	509420	3540117	509418	3540152	-0.04	0.59	-0.09	0.25	-0.04	0.11	Tybee
154	509370	3540114	509365	3540143	-0.02	0.51	-0.06	0.16	-0.02	0.04	Tybee
155	509321	3540107	509313	3540131	-0.06	0.36	-0.08	0.44	-0.08	0.56	Tybee
156	509274	3540091	509264	3540112	-0.03	0.37	-0.05	0.24	-0.05	0.35	Tybee
157	509230	3540067	509221	3540087	0.02	0.28	-0.01	0.01	0.01	0.02	Tybee
158	509188	3540039	509178	3540056	0.02	0.30	-0.01	0.01	0.03	0.19	Tybee
159	509149	3540008	509134	3540029	-0.05	0.44	-0.07	0.35	-0.03	0.09	Tybee
161	509071	3539950	509048	3539980	-0.62	0.24	-0.61	0.98	-0.64	0.96	Tybee
162	509032	3539918	509013	3539941	-0.30	0.22	-0.28	0.92	-0.25	0.96	Tybee
163	508997	3539884	508979	3539908	-0.10	0.04	-0.10	0.98	-0.10	1.00	Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
164	508965	3539846	508950	3539878	-0.29	0.44	-0.29	0.68	-0.21	0.80	Tybee
165	508921	3539823	508910	3539860	-0.36	0.54	-0.35	0.68	-0.25	0.78	Tybee
166	508872	3539825	508869	3539861	-0.38	0.41	-0.35	0.85	-0.29	0.90	Tybee
167	508824	3539839	508829	3539870	-0.21	0.55	-0.16	0.39	-0.08	0.27	Tybee
168	508778	3539859	508784	3539885	-0.13	0.62	-0.08	0.12	0.00	0.00	Tybee
169	508732	3539878	508740	3539908	-0.14	0.66	-0.12	0.15	0.00	0.00	Tybee
170	508686	3539898	508702	3539929	-0.18	0.73	-0.16	0.21	-0.03	0.02	Tybee
171	508640	3539918	508663	3539953	-0.43	0.45	-0.39	0.88	-0.37	0.95	Tybee
172	508594	3539938	508627	3539978	-0.60	0.75	-0.53	0.77	-0.59	0.96	Tybee
173	508550	3539960	508602	3540012	-0.92	0.39	-0.89	0.97	-0.93	0.99	Tybee
174	508521	3540001	508578	3540048	-0.56	0.67	-0.55	0.76	-0.67	0.95	Tybee
175	508491	3540041	508543	3540087	-0.44	0.51	-0.40	0.87	-0.39	0.94	Tybee
176	508461	3540081	508507	3540126	-0.39	0.50	-0.36	0.81	-0.30	0.85	Tybee
177	508434	3540123	508471	3540159	-0.25	0.42	-0.26	0.72	-0.13	0.47	Tybee
178	508409	3540166	508446	3540202	-0.28	0.62	-0.26	0.75	-0.23	0.77	Tybee
179	508383	3540209	508422	3540239	-0.24	0.58	-0.27	0.63	-0.25	0.48	Tybee
180	508357	3540251	508391	3540275	-0.18	0.89	-0.11	0.15	-0.10	0.28	Tybee
181	508327	3540290	508368	3540312	-0.15	1.08	-0.06	0.04	-0.08	0.15	Tybee
182	508308	3540336	508351	3540358	-0.13	1.09	-0.06	0.05	0.00	0.00	Tybee
183	508293	3540384	508339	3540401	-0.03	1.08	0.02	0.00	0.13	0.25	Tybee
184	508275	3540430	508326	3540442	0.08	1.12	0.12	0.14	0.25	0.52	Tybee
185	508263	3540478	508307	3540484	0.20	0.61	0.18	0.47	0.36	0.76	Tybee
186	508246	3540525	508301	3540521	0.29	0.82	0.26	0.57	0.47	0.79	Tybee
187	508241	3540575	508305	3540549	0.42	0.80	0.38	0.77	0.56	0.86	Tybee
188	508252	3540623	508320	3540572	0.53	0.65	0.48	0.91	0.59	0.94	Tybee
189	508279	3540665	508339	3540584	0.64	0.81	0.57	0.87	0.65	0.94	Tybee
190	508317	3540698	508358	3540597	0.70	1.46	0.58	0.68	0.67	0.88	Tybee
191	508361	3540720	508385	3540603	0.78	1.55	0.64	0.69	0.81	0.89	Tybee
192	508410	3540733	508418	3540607	0.83	1.82	0.65	0.63	0.91	0.87	Tybee
193	508460	3540734	508454	3540603	0.86	2.20	0.64	0.53	1.02	0.84	Tybee
194	508508	3540721	508493	3540598	0.82	2.15	0.60	0.51	1.00	0.84	Tybee
195	508512	3540676	508498	3540597	0.43	1.34	0.32	0.42	0.36	0.70	Tybee
196	508538	3540638	508527	3540593	0.16	1.06	0.12	0.18	0.02	0.01	Tybee
197	508584	3540619	508574	3540577	0.07	0.90	0.03	0.01	-0.07	0.12	Tybee
198	508629	3540597	508621	3540561	-0.02	0.67	-0.06	0.10	-0.09	0.32	Tybee
199	508677	3540585	508673	3540547	-0.09	0.59	-0.15	0.45	-0.09	0.43	Tybee
200	508727	3540582	508729	3540541	-0.11	0.63	-0.17	0.48	-0.09	0.37	Tybee
201	508776	3540591	508789	3540548	-0.21	0.47	-0.25	0.77	-0.25	0.89	Tybee
202	508820	3540613	508847	3540568	-0.30	0.36	-0.33	0.89	-0.35	0.95	Tybee
203	508856	3540647	508899	3540609	-0.34	0.22	-0.35	0.95	-0.40	0.97	Tybee
204	508878	3540692	508935	3540663	-0.39	0.19	-0.38	0.99	-0.41	0.99	Tybee
205	508889	3540741	508953	3540725	-0.40	0.46	-0.36	0.89	-0.40	0.95	Tybee
206	508895	3540791	508955	3540789	-0.36	0.54	-0.31	0.81	-0.33	0.93	Tybee
207	508893	3540840	508954	3540847	-0.36	0.65	-0.31	0.76	-0.36	0.92	Tybee
208	508879	3540888	508937	3540902	-0.35	0.77	-0.29	0.66	-0.34	0.88	Tybee
209	508863	3540936	508921	3540955	-0.37	0.69	-0.30	0.72	-0.39	0.90	Tybee
210	508849	3540983	508895	3541003	-0.28	0.66	-0.22	0.59	-0.33	0.86	Tybee
211	508832	3541030	508868	3541047	-0.21	0.67	-0.14	0.36	-0.26	0.78	Tybee
212	508804	3541072	508846	3541093	-0.14	0.87	-0.05	0.04	-0.23	0.61	Tybee
213	508780	3541116	508815	3541127	-0.02	0.72	0.05	0.06	-0.07	0.20	Tybee
214	508750	3541156	508816	3541166	-0.10	1.32	0.04	0.01	-0.26	0.45	Tybee
215	508733	3541203	508800	3541198	0.15	1.06	0.25	0.41	0.01	0.00	Tybee
216	508728	3541252	508807	3541220	0.25	1.18	0.37	0.51	0.05	0.02	Tybee
217	508745	3541299	508814	3541239	0.43	0.94	0.50	0.80	0.30	0.71	Tybee
218	508785	3541329	508840	3541255	0.51	0.61	0.56	0.87	0.35	0.77	Tybee
219	508832	3541344	508862	3541265	0.46	0.51	0.50	0.83	0.27	0.63	Tybee
220	508882	3541350	508893	3541272	0.40	0.56	0.45	0.72	0.17	0.30	Tybee
221	508932	3541349	508927	3541276	0.36	0.60	0.39	0.60	0.09	0.09	Tybee
222	508981	3541344	508962	3541267	0.38	0.76	0.41	0.59	0.11	0.12	Tybee
223	509028	3541327	508993	3541255	0.44	0.79	0.46	0.69	0.21	0.39	Tybee
224	509072	3541303	509026	3541233	0.52	0.69	0.54	0.81	0.33	0.71	Tybee
225	509110	3541271	509054	3541208	0.53	0.69	0.54	0.79	0.33	0.67	Tybee
226	509143	3541233	509085	3541176	0.49	0.58	0.51	0.76	0.26	0.51	Tybee
227	509169	3541191	509114	3541141	0.43	0.65	0.44	0.74	0.23	0.53	Tybee
228	509194	3541147	509146	3541104	0.33	0.40	0.36	0.76	0.16	0.42	Tybee
229	509217	3541103	509178	3541069	0.23	0.38	0.26	0.65	0.07	0.13	Tybee
230	509238	3541058	509210	3541034	0.12	0.30	0.14	0.45	-0.01	0.01	Tybee
231	509269	3541018	509244	3540998	0.01	0.30	0.02	0.01	-0.13	0.43	Tybee
232	509302	3540981	509273	3540955	-0.09	0.58	-0.09	0.14	-0.28	0.64	Tybee
233	509341	3540950	509305	3540910	-0.21	0.84	-0.22	0.35	-0.45	0.73	Tybee
234	509381	3540920	509348	3540870	-0.36	0.72	-0.36	0.67	-0.56	0.85	Tybee
235	509427	3540902	509404	3540844	-0.37	0.56	-0.38	0.76	-0.53	0.89	Tybee
236	509477	3540895	509467	3540831	-0.39	0.63	-0.41	0.82	-0.52	0.91	Tybee
237	509526	3540889	509527	3540827	-0.37	0.73	-0.38	0.76	-0.53	0.88	Tybee
238	509576	3540887	509585	3540834	-0.31	0.38	-0.30	0.77	-0.45	0.89	Tybee
239	509625	3540894	509638	3540847	-0.24	0.61	-0.23	0.51	-0.43	0.79	Tybee
240	509671	3540913	509690	3540865	-0.19	0.80	-0.17	0.31	-0.40	0.70	Tybee
241	509720	3540926	509736	3540888	-0.11	0.61	-0.10	0.19	-0.30	0.66	Tybee
242	509766	3540943	509781	3540912	-0.05	0.43	-0.04	0.03	-0.22	0.58	Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
243	509810	3540968	509825	3540935	0.01	0.51	0.03	0.02	-0.17	0.40	Tybee
244	509856	3540988	509871	3540954	0.06	0.44	0.07	0.13	-0.11	0.24	Tybee
245	509900	3541010	509917	3540974	0.08	0.50	0.09	0.19	-0.09	0.17	Tybee
246	509946	3541030	509963	3540994	0.09	0.51	0.10	0.21	-0.06	0.11	Tybee
247	509993	3541046	510008	3541016	0.09	0.37	0.09	0.25	-0.04	0.07	Tybee
248	510040	3541066	510052	3541038	0.06	0.30	0.07	0.19	-0.06	0.16	Tybee
249	510086	3541084	510096	3541061	0.02	0.26	0.03	0.05	-0.08	0.34	Tybee
250	510132	3541104	510142	3541082	-0.04	0.19	-0.03	0.09	-0.13	0.64	Tybee
251	510174	3541130	510190	3541099	-0.16	0.20	-0.16	0.65	-0.26	0.87	Tybee
252	510213	3541162	510236	3541123	-0.25	0.13	-0.24	0.90	-0.32	0.95	Tybee
253	510248	3541197	510284	3541156	-0.32	0.17	-0.31	0.91	-0.41	0.95	Tybee
254	510278	3541237	510328	3541198	-0.38	0.33	-0.35	0.90	-0.48	0.93	Tybee
255	510305	3541279	510359	3541252	-0.36	0.33	-0.33	0.85	-0.48	0.92	Tybee
256	510321	3541326	510379	3541312	-0.36	0.41	-0.32	0.82	-0.46	0.92	Tybee
257	510326	3541376	510386	3541373	-0.35	0.62	-0.30	0.77	-0.41	0.92	Tybee
258	510321	3541426	510381	3541430	-0.35	0.67	-0.29	0.73	-0.40	0.91	Tybee
259	510311	3541474	510367	3541493	-0.35	0.87	-0.26	0.55	-0.44	0.86	Tybee
260	510290	3541520	510345	3541551	-0.40	0.96	-0.30	0.53	-0.54	0.84	Tybee
261	510260	3541560	510299	3541596	-0.31	0.76	-0.23	0.52	-0.41	0.83	Tybee
262	510221	3541591	510246	3541631	-0.27	0.81	-0.19	0.42	-0.32	0.81	Tybee
263	510178	3541615	510193	3541651	-0.18	0.63	-0.11	0.26	-0.27	0.74	Tybee
264	510130	3541629	510144	3541662	-0.08	0.69	-0.01	0.00	-0.19	0.50	Tybee
265	510081	3541640	510096	3541677	0.08	0.57	0.14	0.44	0.02	0.02	Tybee
266	510033	3541655	510055	3541705	0.23	0.47	0.27	0.80	0.16	0.67	Tybee
267	509985	3541669	510015	3541728	0.33	0.49	0.37	0.87	0.24	0.81	Tybee
268	509936	3541679	509967	3541748	0.38	0.62	0.43	0.86	0.29	0.83	Tybee
269	509887	3541690	509919	3541766	0.42	0.86	0.48	0.85	0.37	0.88	Tybee
270	509839	3541701	509878	3541783	0.48	1.12	0.54	0.83	0.48	0.89	Tybee
271	509790	3541713	509836	3541801	0.51	1.09	0.59	0.83	0.48	0.89	Tybee
272	509748	3541740	509798	3541825	0.53	1.01	0.60	0.87	0.49	0.90	Tybee
273	509706	3541767	509761	3541849	0.53	1.05	0.59	0.86	0.46	0.88	Tybee
274	509666	3541797	509729	3541869	0.52	0.84	0.59	0.88	0.44	0.89	Tybee
275	509626	3541827	509695	3541897	0.55	0.77	0.61	0.90	0.47	0.91	Tybee
276	509592	3541864	509674	3541927	0.59	0.85	0.65	0.90	0.51	0.92	Tybee
277	509561	3541903	509654	3541954	0.59	0.98	0.66	0.89	0.52	0.91	Tybee
278	509537	3541947	509637	3541979	0.56	1.09	0.63	0.86	0.52	0.91	Tybee
279	509527	3541995	509629	3542011	0.59	1.09	0.65	0.88	0.57	0.92	Tybee
280	509531	3542045	509628	3542036	0.59	0.72	0.64	0.93	0.55	0.96	Tybee
281	509546	3542092	509632	3542061	0.58	0.36	0.62	0.96	0.49	0.95	Tybee
282	509567	3542138	509643	3542087	0.59	0.25	0.61	0.97	0.50	0.96	Tybee
283	509602	3542173	509667	3542108	0.59	0.42	0.61	0.93	0.45	0.90	Tybee
284	509644	3542200	509696	3542125	0.57	0.55	0.60	0.86	0.39	0.79	Tybee
285	509692	3542213	509727	3542141	0.50	0.49	0.51	0.81	0.29	0.65	Tybee
286	509741	3542224	509764	3542159	0.38	0.51	0.38	0.67	0.17	0.38	Tybee
287	509791	3542228	509803	3542172	0.27	0.57	0.25	0.48	0.06	0.06	Tybee
288	509840	3542224	509846	3542180	0.18	0.41	0.16	0.43	0.04	0.07	Tybee
289	509890	3542221	509891	3542178	0.16	0.58	0.14	0.39	0.08	0.24	Tybee
290	509940	3542214	509938	3542175	0.16	0.41	0.14	0.47	0.07	0.29	Tybee
291	509989	3542208	509985	3542173	0.15	0.35	0.14	0.48	0.06	0.24	Tybee
292	510039	3542204	510032	3542165	0.17	0.48	0.15	0.39	0.04	0.06	Tybee
293	510089	3542198	510076	3542156	0.18	0.39	0.18	0.45	0.01	0.01	Tybee
294	510138	3542187	510118	3542144	0.20	0.33	0.21	0.53	0.03	0.03	Tybee
295	510184	3542167	510157	3542125	0.27	0.41	0.26	0.65	0.13	0.39	Tybee
296	510226	3542140	510188	3542098	0.33	0.69	0.30	0.59	0.18	0.47	Tybee
297	510256	3542102	510216	3542067	0.31	0.67	0.27	0.58	0.17	0.52	Tybee
298	510282	3542059	510241	3542030	0.26	0.54	0.23	0.60	0.16	0.59	Tybee
299	510306	3542015	510266	3541990	0.27	0.63	0.24	0.64	0.21	0.72	Tybee
300	510328	3541970	510290	3541948	0.23	0.55	0.19	0.59	0.18	0.70	Tybee
301	510350	3541925	510314	3541904	0.20	0.50	0.17	0.62	0.16	0.71	Tybee
302	510369	3541880	510339	3541863	0.17	0.47	0.14	0.60	0.16	0.73	Tybee
303	510391	3541835	510367	3541821	0.09	0.32	0.07	0.27	0.03	0.16	Tybee
304	510414	3541791	510389	3541775	0.05	0.52	0.01	0.01	-0.01	0.01	Tybee
305	510442	3541749	510415	3541731	0.02	0.53	-0.01	0.01	-0.04	0.13	Tybee
306	510472	3541709	510445	3541691	-0.02	0.43	-0.05	0.09	-0.11	0.50	Tybee
307	510502	3541669	510480	3541651	-0.04	0.36	-0.06	0.16	-0.12	0.59	Tybee
308	510536	3541633	510513	3541612	-0.09	0.34	-0.11	0.38	-0.19	0.75	Tybee
309	510571	3541597	510547	3541576	-0.13	0.35	-0.14	0.52	-0.22	0.81	Tybee
310	510609	3541565	510583	3541541	-0.18	0.23	-0.19	0.83	-0.23	0.93	Tybee
311	510652	3541539	510621	3541506	-0.25	0.16	-0.25	0.95	-0.30	0.97	Tybee
312	510697	3541518	510662	3541473	-0.32	0.42	-0.33	0.94	-0.35	0.96	Tybee
313	510745	3541504	510710	3541441	-0.44	0.48	-0.45	0.96	-0.47	0.97	Tybee
314	510795	3541496	510771	3541410	-0.57	0.60	-0.58	0.95	-0.65	0.96	Tybee
315	510844	3541497	510850	3541394	-0.67	0.72	-0.69	0.95	-0.74	0.97	Tybee
316	510892	3541511	510927	3541405	-0.73	0.33	-0.73	0.99	-0.79	0.99	Tybee
317	510939	3541528	511000	3541441	-0.68	0.30	-0.65	0.98	-0.73	0.99	Tybee
318	510983	3541553	511053	3541493	-0.59	0.50	-0.54	0.93	-0.69	0.95	Tybee
319	511022	3541584	511091	3541548	-0.48	0.58	-0.42	0.82	-0.63	0.91	Tybee
320	511049	3541626	511113	3541605	-0.41	0.47	-0.36	0.77	-0.58	0.89	Tybee
321	511066	3541673	511126	3541665	-0.36	0.53	-0.30	0.67	-0.53	0.87	Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
322	511079	3541721	511127	3541722	-0.27	0.55	-0.21	0.56	-0.40	0.85	Tybee
323	511072	3541769	511119	3541774	-0.17	0.85	-0.09	0.11	-0.30	0.69	Tybee
324	511066	3541818	511103	3541825	-0.05	0.66	0.03	0.01	-0.19	0.47	Tybee
325	511048	3541865	511095	3541875	0.06	0.74	0.14	0.24	-0.10	0.17	Tybee
326	511032	3541912	511086	3541924	0.16	0.67	0.23	0.52	0.02	0.02	Tybee
327	510999	3541948	511076	3541965	0.27	0.95	0.37	0.65	0.16	0.38	Tybee
328	510978	3541990	511067	3542002	0.30	1.34	0.42	0.59	0.21	0.44	Tybee
329	510978	3542040	511049	3542052	0.27	0.92	0.35	0.68	0.21	0.62	Tybee
330	510984	3542089	511068	3542098	0.36	0.72	0.44	0.73	0.16	0.27	Tybee
331	510994	3542138	511077	3542134	0.42	4.19	0.40	0.72	0.20	0.31	Tybee
332	511009	3542186	511069	3542170	0.27	0.44	0.32	0.79	0.15	0.50	Tybee
333	511026	3542232	511078	3542211	0.26	0.37	0.30	0.77	0.13	0.45	Tybee
334	511053	3542274	511097	3542234	0.33	0.31	0.35	0.79	0.17	0.52	Tybee
335	511082	3542315	511119	3542253	0.43	0.64	0.43	0.80	0.26	0.61	Tybee
336	511122	3542345	511148	3542261	0.53	1.53	0.54	0.77	0.41	0.66	Tybee
337	511167	3542340	511171	3542263	0.23	1.62	0.27	0.36	0.00	0.00	Tybee
338	511217	3542344	511217	3542265	-0.01	1.54	0.06	0.02	-0.32	0.33	Tybee
339	511267	3542343	511261	3542245	-0.20	1.47	-0.09	0.03	-0.60	0.55	Tybee
340	511317	3542340	511304	3542240	-0.26	15.97	-0.16	0.11	-0.48	0.26	Tybee
341	511367	3542339	511353	3542263	0.14	1.16	0.18	0.21	-0.15	0.13	Tybee
342	511417	3542344	511404	3542248	0.49	1.08	0.50	0.78	0.30	0.54	Tybee
343	511466	3542347	511454	3542232	0.36	1.60	0.40	0.36	-0.08	0.02	Tybee
344	511516	3542352	511514	3542216	0.35	1.69	0.46	0.27	-0.33	0.16	Tybee
345	511566	3542357	511569	3542224	0.38	2.57	0.33	0.13	-0.27	0.11	Tybee
346	511615	3542367	511640	3542257	0.19	2.50	0.15	0.03	-0.42	0.25	Tybee
347	511663	3542379	511707	3542249	0.41	3.85	0.15	0.02	0.12	0.03	Tybee
348	511706	3542404	511740	3542246	-0.39	3.67	-0.47	0.17	-1.08	0.58	Tybee
349	511753	3542420	511759	3542241	-0.29	3.68	-0.41	0.15	-0.85	0.53	Tybee
350	511803	3542418	511795	3542303	0.37	1.35	0.36	0.57	0.18	0.27	Tybee
351	511845	3542392	511813	3542290	0.46	1.08	0.44	0.77	0.35	0.74	Tybee
352	511886	3542365	511848	3542268	0.43	0.85	0.44	0.78	0.25	0.51	Tybee
353	511936	3542369	511888	3542247	0.76	0.86	0.82	0.94	0.62	0.88	Tybee
354	511985	3542375	511964	3542226	0.82	1.49	0.84	0.81	0.51	0.60	Tybee
355	512034	3542385	512052	3542214	0.89	1.79	0.95	0.75	0.44	0.36	Tybee
356	512082	3542398	512133	3542223	0.99	1.99	1.04	0.80	0.58	0.52	Tybee
357	512131	3542407	512188	3542258	0.85	1.15	0.91	0.75	0.38	0.35	Tybee
358	512177	3542425	512235	3542292	0.93	0.79	0.99	0.81	0.51	0.56	Tybee
359	512210	3542463	512266	3542301	1.14	0.94	1.20	0.92	0.87	0.89	Tybee
360	512251	3542456	512310	3542301	1.08	0.81	1.12	0.91	0.79	0.86	Tybee
361	512297	3542465	512365	3542317	1.06	0.62	1.09	0.89	0.73	0.82	Tybee
362	512341	3542488	512420	3542349	0.89	0.78	0.92	0.80	0.49	0.58	Tybee
363	512387	3542508	512467	3542393	0.63	0.44	0.65	0.87	0.41	0.77	Tybee
364	512435	3542523	512500	3542424	0.51	0.22	0.54	0.96	0.42	0.95	Tybee
365	512484	3542528	512523	3542443	0.45	0.29	0.48	0.94	0.35	0.91	Tybee
366	512529	3542550	512560	3542455	0.41	0.27	0.43	0.94	0.33	0.92	Tybee
367	512573	3542573	512604	3542457	0.45	0.38	0.47	0.94	0.36	0.89	Tybee
368	512617	3542596	512658	3542469	0.56	0.70	0.62	0.90	0.41	0.77	Tybee
369	512662	3542618	512718	3542489	0.62	0.57	0.67	0.84	0.36	0.60	Tybee
370	512706	3542641	512772	3542525	0.64	0.80	0.70	0.86	0.40	0.63	Tybee
371	512750	3542665	512812	3542565	0.64	1.30	0.72	0.81	0.39	0.53	Tybee
372	512756	3542701	512829	3542576	0.96	1.24	1.00	0.94	0.87	0.92	Tybee
373	512795	3542731	512859	3542589	1.04	0.78	1.09	0.95	0.83	0.90	Tybee
374	512840	3542747	512903	3542605	1.01	0.86	1.08	0.91	0.71	0.79	Tybee
375	512887	3542761	512965	3542619	0.94	1.32	1.05	0.79	0.89	0.61	Tybee
376	512922	3542796	513019	3542648	1.06	1.22	1.18	0.87	1.05	0.77	Tybee
377	512968	3542812	513060	3542682	0.89	1.66	1.04	0.81	0.92	0.65	Tybee
378	513009	3542841	513092	3542727	0.67	1.99	0.83	0.69	0.71	0.47	Tybee
379	513049	3542870	513124	3542757	0.67	2.02	0.81	0.69	0.69	0.44	Tybee
380	513087	3542903	513157	3542769	0.78	2.40	0.92	0.71	0.82	0.47	Tybee
381	513121	3542939	513189	3542782	0.88	2.79	1.01	0.70	0.90	0.45	Tybee
382	513164	3542963	513228	3542798	0.97	3.00	1.17	0.72	1.06	0.51	Tybee
383	513207	3542988	513277	3542818	1.03	2.05	1.20	0.80	1.06	0.62	Tybee
384	513250	3543014	513326	3542836	1.09	1.88	1.27	0.82	1.11	0.67	Tybee
385	513295	3543035	513379	3542856	1.13	2.10	1.31	0.81	1.16	0.65	Tybee
386	513340	3543056	513432	3542882	1.13	2.33	1.31	0.79	1.16	0.61	Tybee
387	513384	3543082	513484	3542912	1.13	2.41	1.32	0.79	1.17	0.61	Tybee
388	513426	3543108	513528	3542941	1.09	2.19	1.29	0.81	1.15	0.66	Tybee
389	513471	3543130	513572	3542972	1.02	1.84	1.21	0.84	1.10	0.75	Tybee
390	513516	3543151	513614	3542998	0.99	1.75	1.17	0.85	1.09	0.82	Tybee
391	513561	3543173	513654	3543022	0.95	1.85	1.12	0.84	1.05	0.84	Tybee
392	513602	3543201	513697	3543048	0.98	2.06	1.14	0.83	1.09	0.83	Tybee
393	513641	3543233	513739	3543074	1.08	2.32	1.23	0.82	1.20	0.81	Tybee
394	513677	3543266	513779	3543098	1.19	1.51	1.27	0.91	1.30	0.89	Tybee
395	513700	3543310	513811	3543119	1.30	0.79	1.29	0.95	1.36	0.92	Tybee
396	513720	3543356	513842	3543137	1.44	1.15	1.32	0.90	1.45	0.88	Tybee
397	513740	3543401	513871	3543153	1.62	2.04	1.40	0.81	1.59	0.81	Tybee
398	513761	3543447	513898	3543166	1.71	2.61	1.43	0.76	1.64	0.78	Tybee
399	513781	3543493	513919	3543176	2.38	3.90	1.96	0.69	2.33	0.72	Tybee
400	513799	3543539	513941	3543186	2.64	4.63	2.13	0.67	2.56	0.70	Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
401	513820	3543585	513962	3543194	2.79	4.91	2.26	0.68	2.69	0.72	Tybee
402	513847	3543626	513979	3543199	2.93	5.42	2.35	0.68	2.73	0.71	Tybee
403	513842	3543674	513984	3543201	2.95	12.96	2.05	0.28	1.91	0.18	Tybee
404	513862	3543720	513989	3543202	2.98	14.14	2.04	0.24	1.82	0.14	Tybee
405	513898	3543753	514019	3543207	3.03	14.53	2.05	0.23	1.78	0.13	Tybee
406	513947	3543757	514052	3543213	2.89	14.35	1.97	0.22	1.66	0.12	Tybee
407	513971	3543782	514069	3543216	2.77	14.06	1.86	0.21	1.57	0.11	Tybee
408	513991	3543827	514096	3543221	2.62	14.00	1.71	0.18	1.44	0.10	Tybee
409	514032	3543855	514139	3543227	2.35	13.61	1.49	0.16	1.23	0.08	Tybee
410	514079	3543869	514182	3543234	2.03	12.37	1.32	0.15	1.03	0.07	Tybee
411	514129	3543864	514225	3543242	1.70	10.09	1.15	0.16	0.82	0.06	Tybee
412	514168	3543834	514256	3543248	1.46	8.57	1.03	0.17	0.70	0.06	Tybee
413	514194	3543792	514269	3543249	1.33	7.47	0.98	0.19	0.66	0.07	Tybee
414	514220	3543749	514287	3543251	1.18	6.76	0.84	0.18	0.58	0.06	Tybee
415	514243	3543705	514303	3543253	1.05	6.25	0.71	0.15	0.50	0.06	Tybee
416	514269	3543662	514321	3543256	0.92	5.49	0.60	0.15	0.45	0.06	Tybee
417	514293	3543619	514333	3543257	0.81	4.88	0.52	0.15	0.41	0.07	Tybee
418	514317	3543575	514344	3543259	0.72	4.42	0.44	0.14	0.37	0.07	Tybee
419	514340	3543530	514349	3543259	0.65	4.07	0.39	0.13	0.34	0.07	Tybee
420	514365	3543487	514354	3543259	0.58	3.67	0.34	0.12	0.30	0.07	Tybee
421	514394	3543446	514354	3543259	0.52	3.24	0.30	0.13	0.28	0.07	Tybee
422	514430	3543412	514357	3543259	0.46	2.77	0.26	0.13	0.26	0.08	Tybee
423	514470	3543381	514377	3543242	0.27	2.40	0.07	0.01	0.13	0.03	Tybee
424	514515	3543361	514408	3543207	-0.02	2.34	-0.24	0.12	-0.10	0.01	Tybee
425	514555	3543331	514448	3543169	-0.17	2.55	-0.44	0.21	-0.21	0.04	Tybee
426	514588	3543295	514522	3543119	-0.40	2.83	-0.68	0.33	-0.41	0.10	Tybee
427	514622	3543259	514596	3543095	-0.59	2.54	-0.84	0.49	-0.61	0.24	Tybee
428	514671	3543251	514665	3543082	-0.70	2.19	-0.92	0.61	-0.71	0.37	Tybee
429	514719	3543239	514706	3543076	-0.71	2.14	-0.92	0.68	-0.77	0.48	Tybee
430	514767	3543225	514743	3543098	-0.73	2.34	-0.87	0.74	-0.84	0.57	Tybee
431	514814	3543206	514755	3543092	-0.70	1.59	-0.74	0.74	-0.65	0.51	Tybee
432	514860	3543186	514766	3543077	-0.63	2.04	-0.60	0.39	-0.44	0.18	Tybee
433	514907	3543170	514773	3543065	-0.64	2.59	-0.59	0.24	-0.36	0.07	Tybee
434	514955	3543155	514780	3543054	-0.76	2.48	-0.77	0.28	-0.44	0.08	Tybee
435	514999	3543133	514790	3543038	-0.83	2.54	-0.91	0.28	-0.48	0.07	Tybee
436	515042	3543106	514799	3543012	-0.94	2.79	-1.05	0.29	-0.55	0.07	Tybee
437	515086	3543084	514812	3542968	-1.17	3.09	-1.30	0.33	-0.74	0.10	Tybee
438	515123	3543050	514826	3542915	-1.39	3.27	-1.52	0.38	-0.94	0.14	Tybee
439	515160	3543017	514850	3542866	-1.63	3.35	-1.72	0.44	-1.15	0.19	Tybee
440	515195	3542981	514876	3542820	-1.84	3.25	-1.91	0.50	-1.35	0.26	Tybee
441	515230	3542945	514905	3542785	-2.04	3.00	-2.12	0.61	-1.62	0.37	Tybee
442	515262	3542907	514908	3542776	-2.16	3.08	-2.24	0.62	-1.72	0.39	Tybee
443	515302	3542878	514909	3542765	-2.38	3.28	-2.46	0.63	-1.91	0.41	Tybee
444	515343	3542849	514912	3542749	-2.63	3.54	-2.70	0.64	-2.11	0.42	Tybee
445	515390	3542832	514914	3542740	-2.91	3.83	-2.97	0.65	-2.34	0.44	Tybee
446	515430	3542802	514918	3542721	-3.19	4.05	-3.27	0.66	-2.58	0.45	Tybee
447	515455	3542761	514925	3542685	-3.33	4.19	-3.42	0.66	-2.70	0.46	Tybee
448	515462	3542711	514928	3542644	-3.35	4.31	-3.42	0.66	-2.70	0.45	Tybee
449	515463	3542661	514932	3542611	-3.31	4.26	-3.39	0.66	-2.67	0.45	Tybee
450	515459	3542612	514933	3542580	-3.25	4.22	-3.34	0.65	-2.62	0.44	Tybee
451	515453	3542562	514938	3542536	-3.18	4.13	-3.27	0.65	-2.56	0.44	Tybee
452	515446	3542512	514937	3542497	-3.10	4.13	-3.18	0.64	-2.48	0.43	Tybee
453	515436	3542463	514940	3542447	-2.99	4.11	-3.07	0.63	-2.38	0.41	Tybee
454	515422	3542416	514939	3542394	-2.85	4.02	-2.93	0.62	-2.26	0.40	Tybee
455	515402	3542370	514943	3542341	-2.68	3.89	-2.75	0.60	-2.11	0.38	Tybee
456	515381	3542325	514948	3542300	-2.49	3.72	-2.56	0.59	-1.94	0.36	Tybee
457	515358	3542280	514952	3542259	-2.28	3.58	-2.34	0.57	-1.76	0.34	Tybee
458	515337	3542235	514952	3542189	-2.11	3.61	-2.15	0.54	-1.59	0.30	Tybee
459	515318	3542188	514956	3542125	-1.95	3.57	-1.98	0.51	-1.44	0.28	Tybee
460	515300	3542142	514964	3542069	-1.81	3.47	-1.81	0.49	-1.31	0.26	Tybee
461	515281	3542096	514970	3542019	-1.65	3.23	-1.65	0.48	-1.18	0.24	Tybee
462	515259	3542050	515000	3541980	-1.47	2.47	-1.49	0.57	-1.13	0.34	Tybee
463	515238	3542005	515003	3541960	-1.27	2.30	-1.28	0.54	-0.96	0.30	Tybee
464	515217	3541960	515005	3541933	-1.09	2.18	-1.09	0.50	-0.80	0.26	Tybee
465	515196	3541915	515008	3541897	-0.91	2.10	-0.89	0.44	-0.64	0.21	Tybee
466	515176	3541868	515011	3541858	-0.75	1.94	-0.74	0.39	-0.50	0.16	Tybee
467	515157	3541822	515014	3541817	-0.60	1.81	-0.58	0.32	-0.37	0.12	Tybee
468	515138	3541776	515016	3541775	-0.45	1.69	-0.42	0.23	-0.23	0.06	Tybee
469	515118	3541731	515014	3541732	-0.30	1.64	-0.26	0.12	-0.09	0.01	Tybee
470	515097	3541685	515013	3541688	-0.15	1.65	-0.10	0.02	0.04	0.00	Tybee
471	515089	3541636	515011	3541641	0.00	1.72	0.05	0.01	0.17	0.05	Tybee
472	515087	3541586	515008	3541593	0.14	1.66	0.20	0.11	0.30	0.16	Tybee
473	515084	3541536	515005	3541544	0.28	1.62	0.34	0.29	0.42	0.31	Tybee
474	515079	3541487	514999	3541499	0.38	1.63	0.44	0.43	0.51	0.41	Tybee
475	515078	3541437	514992	3541454	0.48	1.78	0.54	0.52	0.60	0.48	Tybee
476	515074	3541387	514982	3541410	0.57	1.84	0.63	0.59	0.70	0.54	Tybee
477	515071	3541337	514968	3541367	0.66	1.85	0.73	0.64	0.79	0.60	Tybee
478	515069	3541287	514954	3541325	0.75	1.86	0.83	0.70	0.89	0.67	Tybee
479	515060	3541238	514938	3541278	0.84	1.70	0.90	0.78	0.96	0.73	Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
480	515057	3541188	514922	3541231	0.94	1.51	0.96	0.83	1.03	0.78	Tybee
481	515055	3541138	514907	3541184	1.03	1.41	1.03	0.87	1.10	0.81	Tybee
482	515052	3541088	514894	3541138	1.11	1.23	1.09	0.90	1.17	0.84	Tybee
483	515046	3541039	514881	3541093	1.17	1.16	1.14	0.91	1.22	0.86	Tybee
484	515039	3540989	514865	3541048	1.24	1.31	1.21	0.92	1.28	0.86	Tybee
485	515035	3540939	514848	3541005	1.30	1.38	1.27	0.93	1.33	0.87	Tybee
486	515028	3540890	514833	3540960	1.33	1.43	1.31	0.94	1.36	0.88	Tybee
487	515019	3540841	514817	3540913	1.37	1.47	1.36	0.94	1.40	0.89	Tybee
488	515009	3540792	514800	3540866	1.42	1.48	1.40	0.95	1.44	0.90	Tybee
489	515000	3540743	514784	3540822	1.48	1.40	1.45	0.95	1.50	0.91	Tybee
490	514988	3540694	514767	3540776	1.53	1.39	1.48	0.95	1.54	0.90	Tybee
491	514977	3540645	514750	3540730	1.57	1.41	1.52	0.95	1.58	0.91	Tybee
492	514964	3540597	514732	3540683	1.61	1.43	1.56	0.95	1.62	0.90	Tybee
493	514952	3540549	514712	3540631	1.65	1.49	1.59	0.94	1.67	0.90	Tybee
494	514937	3540501	514694	3540579	1.66	1.47	1.60	0.94	1.68	0.89	Tybee
495	514921	3540454	514679	3540521	1.63	1.45	1.57	0.93	1.67	0.88	Tybee
496	514903	3540407	514665	3540467	1.61	1.42	1.55	0.93	1.64	0.88	Tybee
497	514885	3540360	514658	3540416	1.55	1.75	1.47	0.92	1.55	0.85	Tybee
498	514868	3540313	514650	3540373	1.47	1.78	1.39	0.92	1.46	0.84	Tybee
499	514848	3540267	514637	3540324	1.41	1.87	1.35	0.91	1.40	0.83	Tybee
500	514830	3540221	514619	3540280	1.42	2.07	1.35	0.90	1.40	0.81	Tybee
501	514810	3540175	514606	3540235	1.38	2.14	1.33	0.90	1.37	0.80	Tybee
502	514791	3540129	514595	3540186	1.30	2.07	1.27	0.89	1.31	0.80	Tybee
503	514770	3540083	514581	3540134	1.26	2.09	1.24	0.89	1.28	0.79	Tybee
504	514751	3540037	514567	3540088	1.22	2.17	1.21	0.88	1.24	0.77	Tybee
505	514731	3539991	514553	3540040	1.16	2.28	1.17	0.86	1.19	0.76	Tybee
506	514711	3539945	514539	3539992	1.11	2.36	1.14	0.85	1.15	0.74	Tybee
507	514691	3539900	514529	3539945	1.06	2.44	1.10	0.83	1.10	0.72	Tybee
508	514672	3539854	514517	3539896	1.00	2.54	1.05	0.81	1.03	0.69	Tybee
509	514651	3539808	514502	3539849	0.96	2.33	1.01	0.83	0.99	0.72	Tybee
510	514632	3539762	514489	3539806	0.93	2.29	0.98	0.82	0.96	0.72	Tybee
511	514612	3539716	514477	3539759	0.88	2.36	0.94	0.80	0.90	0.68	Tybee
512	514592	3539670	514461	3539712	0.84	2.41	0.89	0.79	0.84	0.64	Tybee
513	514585	3539653	514456	3539696	0.84	2.46	0.88	0.78	0.83	0.62	Tybee
514	507171	3533663	507106	3534230	3.32	9.97	2.22	0.23	3.52	0.36	Little Tybee
515	507121	3533656	507072	3534236	3.32	10.32	2.18	0.22	3.50	0.35	Little Tybee
516	507071	3533657	507038	3534240	3.33	10.34	2.19	0.22	3.51	0.35	Little Tybee
517	507021	3533660	507010	3534229	3.29	9.92	2.20	0.23	3.48	0.36	Little Tybee
518	506972	3533653	506988	3534225	3.23	9.31	2.20	0.25	3.43	0.37	Little Tybee
519	506922	3533655	506965	3534223	3.14	8.90	2.15	0.26	3.32	0.37	Little Tybee
520	506873	3533662	506940	3534219	3.16	8.55	2.21	0.29	3.33	0.40	Little Tybee
521	506825	3533676	506904	3534219	3.32	8.05	2.43	0.35	3.49	0.45	Little Tybee
522	506784	3533705	506899	3534220	3.28	7.72	2.42	0.37	3.44	0.46	Little Tybee
523	506757	3533746	506894	3534221	3.12	7.12	2.33	0.39	3.27	0.47	Little Tybee
524	506745	3533794	506894	3534221	2.95	6.66	2.21	0.39	3.10	0.47	Little Tybee
525	506736	3533843	506890	3534223	2.74	5.94	2.08	0.41	2.88	0.48	Little Tybee
526	506727	3533892	506890	3534223	2.44	5.14	1.88	0.43	2.58	0.49	Little Tybee
527	506727	3533942	506889	3534223	2.09	4.20	1.64	0.45	2.22	0.50	Little Tybee
528	506727	3533992	506886	3534225	0.51	1.70	0.35	0.34	0.23	0.13	Little Tybee
529	506727	3534038	506886	3534225	0.60	1.95	0.42	0.37	0.28	0.15	Little Tybee
530	506697	3534077	506883	3534228	0.85	2.56	0.62	0.45	0.44	0.21	Little Tybee
531	506686	3534126	506882	3534229	1.01	2.79	1.05	0.66	1.52	0.83	Little Tybee
532	506690	3534175	506875	3534244	0.70	3.72	0.96	0.54	0.67	0.59	Little Tybee
533	506653	3534207	506872	3534256	0.54	4.37	0.91	0.39	0.19	0.05	Little Tybee
534	506633	3534253	506870	3534274	0.48	4.48	0.89	0.32	-0.19	0.03	Little Tybee
535	506637	3534302	506870	3534296	0.48	3.96	0.89	0.32	-0.28	0.06	Little Tybee
536	506664	3534343	506872	3534314	0.48	3.38	0.83	0.37	-0.16	0.03	Little Tybee
537	506709	3534365	506877	3534328	0.58	2.71	0.84	0.56	0.43	0.41	Little Tybee
538	506749	3534394	506895	3534351	0.58	2.38	0.79	0.60	0.59	0.66	Little Tybee
539	506790	3534423	506924	3534375	0.72	1.60	0.87	0.79	0.71	0.84	Little Tybee
540	506827	3534456	506954	3534404	0.87	1.09	0.97	0.92	0.86	0.93	Little Tybee
541	506856	3534497	506986	3534437	0.93	1.00	0.99	0.94	0.97	0.96	Little Tybee
542	506874	3534537	507011	3534466	0.97	0.51	0.95	0.96	0.96	0.94	Little Tybee
543	506858	3534585	507027	3534490	0.90	0.34	0.87	0.98	0.88	0.97	Little Tybee
544	506842	3534632	507041	3534513	0.86	0.34	0.83	0.97	0.83	0.96	Little Tybee
545	506827	3534680	507051	3534536	0.82	0.52	0.77	0.92	0.77	0.89	Little Tybee
546	506812	3534728	507060	3534561	0.68	0.79	0.64	0.84	0.67	0.78	Little Tybee
547	506787	3534770	507068	3534582	2.26	3.91	1.84	0.56	3.58	0.84	Little Tybee
548	506753	3534805	507072	3534598	2.64	4.97	2.10	0.52	4.26	0.83	Little Tybee
549	506749	3534851	507131	3534656	2.72	5.66	2.09	0.45	4.57	0.81	Little Tybee
550	506716	3534888	507150	3534715	3.10	6.99	2.33	0.41	5.33	0.80	Little Tybee
551	506698	3534934	507221	3534782	3.55	8.61	2.60	0.36	6.31	0.79	Little Tybee
552	506698	3534984	507259	3534860	7.86	11.10	7.53	0.69	9.48	0.94	Little Tybee
553	506703	3535033	507305	3534937	4.28	9.14	3.26	0.47	6.95	0.82	Little Tybee
554	506721	3535079	507333	3535032	4.31	9.02	3.31	0.49	6.88	0.82	Little Tybee
555	506702	3535122	507362	3535123	4.64	10.05	3.53	0.46	7.51	0.82	Little Tybee
556	506721	3535168	507399	3535223	4.78	10.71	3.60	0.43	7.94	0.81	Little Tybee
557	506721	3535217	507347	3535328	4.45	7.87	3.58	0.55	7.05	0.84	Little Tybee
558	506714	3535266	507288	3535424	4.16	5.69	4.28	0.85	5.44	0.92	Little Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
559	506709	3535315	507239	3535514	3.97	4.24	4.16	0.94	4.38	0.97	Little Tybee
560	506715	3535351	507174	3535585	3.51	6.32	3.83	0.84	4.28	0.92	Little Tybee
561	506680	3535384	507107	3535670	3.45	6.86	3.78	0.82	4.27	0.91	Little Tybee
562	506672	3535433	507044	3535747	3.15	6.14	3.48	0.84	3.69	0.92	Little Tybee
563	506658	3535478	506974	3535817	3.15	5.68	3.43	0.85	3.80	0.93	Little Tybee
564	506628	3535517	506929	3535857	3.04	5.87	3.32	0.84	3.67	0.92	Little Tybee
565	506607	3535562	506889	3535891	2.92	5.54	3.18	0.84	3.54	0.92	Little Tybee
566	506590	3535609	506860	3535928	2.81	5.04	3.07	0.85	3.37	0.93	Little Tybee
567	506583	3535658	506833	3535953	2.35	4.80	2.64	0.83	2.70	0.92	Little Tybee
568	506603	3535704	506823	3535959	2.20	3.34	2.38	0.89	2.54	0.95	Little Tybee
569	506618	3535751	506808	3535968	1.86	2.95	2.04	0.89	2.05	0.95	Little Tybee
570	506611	3535800	506779	3535987	1.68	2.50	1.81	0.91	1.84	0.95	Little Tybee
571	506575	3535832	506738	3536011	1.62	1.80	1.72	0.95	1.47	0.96	Little Tybee
572	506527	3535841	506704	3536029	1.72	1.87	1.82	0.90	1.31	0.88	Little Tybee
573	506492	3535877	506667	3536049	1.66	1.21	1.74	0.86	1.05	0.72	Little Tybee
574	506460	3535915	506646	3536081	1.52	1.58	1.65	0.77	0.71	0.40	Little Tybee
575	506437	3535960	506630	3536104	1.38	1.69	1.53	0.73	0.55	0.28	Little Tybee
576	506423	3536008	506617	3536120	1.29	1.52	1.45	0.79	0.64	0.43	Little Tybee
577	506402	3536053	506602	3536139	1.12	1.77	1.32	0.75	0.49	0.30	Little Tybee
578	506393	3536102	506587	3536156	1.09	1.51	1.25	0.76	0.49	0.34	Little Tybee
579	506381	3536151	506570	3536179	1.06	1.37	1.20	0.75	0.46	0.32	Little Tybee
580	506368	3536198	506555	3536203	0.76	1.98	0.96	0.48	-0.12	0.02	Little Tybee
581	506375	3536247	506527	3536237	0.09	2.39	0.33	0.06	-1.02	0.41	Little Tybee
582	506407	3536285	506534	3536266	-0.22	1.63	-0.08	0.01	-1.04	0.58	Little Tybee
583	506439	3536324	506572	3536292	-0.67	1.28	-0.56	0.45	-1.20	0.82	Little Tybee
584	506446	3536369	506597	3536315	-1.06	0.56	-1.01	0.93	-1.30	0.96	Little Tybee
585	506438	3536418	506615	3536335	-1.31	0.44	-1.27	0.99	-1.31	1.00	Little Tybee
586	506451	3536466	506644	3536355	-1.52	0.53	-1.48	0.99	-1.46	1.00	Little Tybee
587	506483	3536504	506666	3536375	-1.53	0.77	-1.48	0.98	-1.42	0.99	Little Tybee
588	506515	3536542	506688	3536406	-1.51	1.05	-1.47	0.95	-1.31	0.96	Little Tybee
589	506540	3536586	506708	3536438	-1.52	1.48	-1.48	0.90	-1.17	0.89	Little Tybee
590	506585	3536606	506736	3536471	-1.74	0.94	-1.82	0.99	-1.88	0.98	Little Tybee
591	506632	3536623	506767	3536501	-1.19	0.60	-1.25	0.96	-1.27	0.95	Little Tybee
592	506675	3536631	506794	3536525	-0.90	0.54	-0.96	0.95	-0.99	0.94	Little Tybee
593	506695	3536669	506825	3536555	-1.16	0.84	-1.09	0.95	-1.07	0.98	Little Tybee
594	506732	3536698	506859	3536591	-1.12	0.78	-1.05	0.96	-1.07	0.98	Little Tybee
595	506766	3536735	506930	3536608	-1.15	0.97	-1.07	0.93	-1.06	0.97	Little Tybee
596	506801	3536769	506941	3536666	-1.16	0.51	-1.13	0.97	-1.03	0.98	Little Tybee
597	506839	3536802	506970	3536708	-1.07	0.36	-1.06	0.97	-0.92	0.97	Little Tybee
598	506877	3536834	506988	3536758	-0.92	0.93	-1.01	0.92	-1.08	0.90	Little Tybee
599	506915	3536866	507025	3536796	-0.76	0.90	-0.85	0.88	-0.91	0.87	Little Tybee
600	506949	3536903	507061	3536833	-0.69	1.45	-0.84	0.79	-0.94	0.77	Little Tybee
601	506983	3536939	507095	3536874	-0.84	1.07	-0.76	0.87	-0.75	0.94	Little Tybee
602	507020	3536974	507113	3536923	-0.68	0.89	-0.61	0.86	-0.63	0.94	Little Tybee
603	507052	3537012	507121	3536976	-0.48	0.77	-0.42	0.79	-0.46	0.90	Little Tybee
604	507082	3537052	507135	3537027	-0.34	0.67	-0.31	0.71	-0.25	0.76	Little Tybee
605	507114	3537090	507157	3537071	-0.26	0.65	-0.21	0.54	-0.22	0.77	Little Tybee
606	507140	3537132	507172	3537118	-0.13	0.57	-0.07	0.15	-0.20	0.66	Little Tybee
607	507161	3537177	507196	3537162	-0.02	0.63	0.04	0.04	0.03	0.04	Little Tybee
608	507183	3537221	507225	3537206	-0.04	0.84	0.03	0.02	-0.02	0.02	Little Tybee
609	507206	3537266	507246	3537252	0.03	0.81	0.10	0.18	0.04	0.09	Little Tybee
610	507226	3537312	507268	3537298	0.08	0.65	0.15	0.40	0.02	0.01	Little Tybee
611	507244	3537358	507285	3537346	-0.03	0.92	0.06	0.06	-0.08	0.17	Little Tybee
612	507256	3537407	507302	3537394	0.15	0.57	0.21	0.63	0.09	0.40	Little Tybee
613	507270	3537454	507321	3537443	0.22	0.49	0.27	0.80	0.18	0.78	Little Tybee
614	507298	3537495	507350	3537486	0.16	0.51	0.21	0.43	-0.04	0.04	Little Tybee
615	507298	3537545	507365	3537536	0.29	0.55	0.34	0.69	0.10	0.19	Little Tybee
616	507297	3537594	507374	3537585	0.42	0.50	0.46	0.88	0.30	0.81	Little Tybee
617	507304	3537629	507375	3537623	0.27	0.46	0.31	0.70	0.10	0.23	Little Tybee
618	507305	3537671	507372	3537668	0.33	0.55	0.38	0.86	0.26	0.83	Little Tybee
619	507316	3537719	507364	3537719	0.19	0.42	0.24	0.76	0.11	0.41	Little Tybee
620	507317	3537769	507361	3537770	0.12	0.61	0.18	0.52	0.02	0.01	Little Tybee
621	507315	3537819	507353	3537822	0.09	0.68	0.15	0.42	0.01	0.01	Little Tybee
622	507307	3537869	507345	3537874	0.06	0.76	0.13	0.30	0.00	0.00	Little Tybee
623	507299	3537918	507341	3537926	0.17	0.61	0.22	0.68	0.15	0.58	Little Tybee
624	507288	3537967	507339	3537978	0.18	0.72	0.25	0.61	0.09	0.19	Little Tybee
625	507275	3538015	507332	3538030	0.26	0.55	0.32	0.79	0.17	0.56	Little Tybee
626	507261	3538063	507314	3538080	0.23	0.51	0.28	0.77	0.15	0.58	Little Tybee
627	507250	3538112	507297	3538129	0.19	0.46	0.24	0.77	0.13	0.62	Little Tybee
628	507235	3538159	507278	3538177	0.16	0.44	0.21	0.68	0.07	0.23	Little Tybee
629	507214	3538204	507260	3538225	0.19	0.54	0.24	0.68	0.08	0.23	Little Tybee
630	507187	3538246	507236	3538270	0.19	0.65	0.26	0.66	0.11	0.35	Little Tybee
631	507164	3538290	507213	3538318	0.22	0.62	0.28	0.72	0.15	0.53	Little Tybee
632	507145	3538336	507190	3538364	0.21	0.53	0.27	0.76	0.15	0.58	Little Tybee
633	507127	3538383	507174	3538413	0.16	0.61	0.23	0.55	0.02	0.02	Little Tybee
634	507096	3538421	507134	3538446	0.14	0.59	0.20	0.61	0.13	0.63	Little Tybee
635	507071	3538464	507102	3538484	0.08	0.51	0.14	0.48	0.04	0.15	Little Tybee
636	507043	3538506	507070	3538522	0.07	0.43	0.11	0.50	0.07	0.53	Little Tybee
637	507016	3538548	507040	3538562	0.07	0.48	0.09	0.44	0.08	0.55	Little Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
638	506986	3538588	507022	3538607	0.14	0.53	0.18	0.64	0.08	0.42	Little Tybee
639	506960	3538630	506983	3538642	0.04	0.36	0.06	0.35	0.01	0.04	Little Tybee
640	506931	3538671	506954	3538681	0.03	0.39	0.06	0.28	0.02	0.10	Little Tybee
641	506907	3538715	506931	3538724	0.00	0.30	0.02	0.04	0.04	0.24	Little Tybee
642	506887	3538760	506914	3538768	-0.09	0.57	-0.04	0.09	-0.07	0.34	Little Tybee
643	506869	3538806	506904	3538815	-0.09	0.64	-0.02	0.02	-0.16	0.58	Little Tybee
644	506860	3538855	506899	3538863	0.00	0.61	0.07	0.10	-0.13	0.35	Little Tybee
645	506853	3538905	506894	3538911	0.12	0.49	0.17	0.61	0.08	0.39	Little Tybee
646	506856	3538955	506892	3538957	0.09	0.46	0.13	0.54	0.06	0.37	Little Tybee
647	506867	3539003	506898	3539004	0.03	0.45	0.06	0.20	0.05	0.31	Little Tybee
648	506870	3539053	506904	3539053	-0.01	0.69	0.05	0.08	-0.03	0.05	Little Tybee
649	506874	3539103	506917	3539100	0.08	0.68	0.15	0.39	0.03	0.05	Little Tybee
650	506876	3539153	506925	3539149	0.13	0.76	0.20	0.49	0.10	0.29	Little Tybee
651	506887	3539202	506936	3539196	0.35	0.44	0.31	0.74	0.32	0.68	Little Tybee
652	506876	3539249	506945	3539241	0.26	0.82	0.34	0.69	0.17	0.49	Little Tybee
653	506870	3539299	506953	3539286	0.31	1.01	0.40	0.66	0.17	0.36	Little Tybee
654	506867	3539349	506959	3539331	0.37	1.12	0.47	0.69	0.21	0.41	Little Tybee
655	506867	3539399	506962	3539377	0.40	1.15	0.50	0.69	0.22	0.41	Little Tybee
656	506868	3539449	506955	3539424	0.34	1.09	0.44	0.65	0.15	0.27	Little Tybee
657	506867	3539499	506960	3539468	0.38	1.02	0.50	0.66	0.14	0.16	Little Tybee
658	506865	3539549	506965	3539509	0.39	1.23	0.52	0.61	0.11	0.08	Little Tybee
659	506867	3539599	506970	3539546	0.54	1.02	0.65	0.77	0.30	0.47	Little Tybee
660	506865	3539649	506975	3539575	0.66	1.14	0.77	0.83	0.45	0.71	Little Tybee
661	506868	3539698	506979	3539600	0.63	1.57	0.78	0.70	0.29	0.30	Little Tybee
662	506887	3539743	506991	3539620	0.89	1.14	1.01	0.83	0.54	0.64	Little Tybee
663	506926	3539772	507008	3539639	0.95	1.05	1.03	0.89	0.68	0.83	Little Tybee
664	506976	3539773	507027	3539659	0.62	0.99	0.71	0.72	0.25	0.28	Little Tybee
665	507024	3539758	507047	3539678	0.27	0.93	0.36	0.41	-0.11	0.06	Little Tybee
666	507072	3539744	507081	3539686	-0.06	1.05	0.03	0.01	-0.37	0.47	Little Tybee
667	507112	3539716	507113	3539672	-0.16	0.72	-0.09	0.16	-0.30	0.66	Little Tybee
668	507156	3539692	507151	3539645	-0.26	0.75	-0.18	0.42	-0.35	0.80	Little Tybee
669	507197	3539664	507188	3539621	-0.26	0.76	-0.18	0.40	-0.36	0.77	Little Tybee
670	507239	3539637	507226	3539600	-0.16	0.73	-0.09	0.18	-0.25	0.66	Little Tybee
671	507282	3539611	507264	3539573	-0.14	0.76	-0.06	0.06	-0.23	0.61	Little Tybee
672	507323	3539583	507302	3539550	-0.11	0.71	-0.04	0.04	-0.17	0.58	Little Tybee
673	507364	3539555	507342	3539528	-0.05	0.72	0.01	0.00	-0.08	0.31	Little Tybee
674	507407	3539529	507381	3539502	0.01	0.81	0.08	0.12	-0.02	0.03	Little Tybee
675	507446	3539498	507419	3539472	0.00	0.74	0.07	0.12	-0.07	0.16	Little Tybee
676	507485	3539466	507458	3539442	0.00	0.69	0.08	0.13	-0.07	0.17	Little Tybee
677	507522	3539433	507493	3539407	0.03	0.68	0.10	0.20	-0.06	0.11	Little Tybee
678	507549	3539391	507529	3539371	-0.05	0.58	0.01	0.00	-0.12	0.39	Little Tybee
679	507582	3539354	507554	3539326	-0.20	0.69	-0.16	0.51	-0.23	0.71	Little Tybee
680	507618	3539321	507572	3539271	-0.41	0.62	-0.37	0.88	-0.43	0.92	Little Tybee
681	507651	3539282	507593	3539215	-0.56	0.76	-0.52	0.92	-0.58	0.93	Little Tybee
682	507680	3539242	507624	3539164	-0.61	0.53	-0.59	0.96	-0.59	0.97	Little Tybee
683	507712	3539204	507660	3539115	-0.66	0.42	-0.65	0.96	-0.59	0.97	Little Tybee
684	507748	3539169	507706	3539076	-0.64	0.50	-0.63	0.89	-0.47	0.88	Little Tybee
685	507787	3539138	507759	3539042	-0.64	0.64	-0.62	0.84	-0.45	0.80	Little Tybee
686	507833	3539117	507819	3539020	-0.60	0.76	-0.58	0.81	-0.42	0.79	Little Tybee
687	507882	3539107	507883	3539009	-0.63	0.68	-0.59	0.86	-0.50	0.90	Little Tybee
688	507931	3539099	507948	3539015	-0.54	0.46	-0.51	0.94	-0.50	0.96	Little Tybee
689	507979	3539114	508007	3539042	-0.48	0.32	-0.46	0.95	-0.43	0.97	Little Tybee
690	508020	3539140	508056	3539078	-0.44	0.46	-0.41	0.87	-0.36	0.91	Little Tybee
691	508053	3539178	508097	3539122	-0.43	0.53	-0.40	0.88	-0.39	0.93	Little Tybee
692	508082	3539218	508129	3539170	-0.41	0.40	-0.37	0.92	-0.39	0.96	Little Tybee
693	508110	3539259	508156	3539219	-0.36	0.35	-0.33	0.92	-0.39	0.96	Little Tybee
694	508130	3539305	508174	3539272	-0.31	0.44	-0.27	0.84	-0.33	0.94	Little Tybee
695	508150	3539351	508185	3539327	-0.23	0.47	-0.19	0.70	-0.25	0.86	Little Tybee
696	508168	3539397	508197	3539379	-0.17	0.54	-0.13	0.49	-0.24	0.75	Little Tybee
697	508180	3539446	508210	3539427	-0.15	0.55	-0.10	0.27	-0.25	0.70	Little Tybee
698	508196	3539493	508231	3539472	-0.15	0.52	-0.10	0.22	-0.29	0.71	Little Tybee
699	508222	3539536	508256	3539514	-0.19	0.45	-0.14	0.32	-0.35	0.77	Little Tybee
700	508252	3539576	508284	3539555	-0.20	0.53	-0.14	0.38	-0.33	0.79	Little Tybee
701	508283	3539615	508318	3539588	-0.39	0.78	-0.40	0.57	-0.55	0.89	Little Tybee
702	508318	3539651	508354	3539617	-0.45	0.92	-0.45	0.54	-0.62	0.89	Little Tybee
703	508354	3539686	508387	3539647	-0.46	0.97	-0.45	0.51	-0.63	0.89	Little Tybee
704	508389	3539721	508421	3539676	-0.55	1.03	-0.52	0.55	-0.71	0.91	Little Tybee
705	508427	3539754	508454	3539707	-0.61	0.89	-0.58	0.67	-0.73	0.94	Little Tybee
706	508459	3539792	508483	3539739	-0.67	1.03	-0.59	0.64	-0.71	0.93	Little Tybee
707	508489	3539832	508511	3539767	-0.82	0.85	-0.81	0.81	-0.96	0.96	Little Tybee
708	508522	3539868	508538	3539791	-0.95	0.91	-0.99	0.87	-1.16	0.96	Little Tybee
709	508571	3539860	508580	3539799	-0.58	0.96	-0.63	0.72	-0.79	0.92	Little Tybee
710	508620	3539849	508625	3539782	-0.53	1.25	-0.60	0.59	-0.82	0.88	Little Tybee
711	508661	3539823	508664	3539777	-0.97	0.00	-0.97	0.00	-0.97	0.00	Little Tybee
712	508702	3539797	508704	3539767	-0.03	0.65	-0.06	0.04	-0.18	0.55	Little Tybee
713	508751	3539791	508754	3539746	-0.15	1.19	-0.25	0.25	-0.42	0.69	Little Tybee
714	508797	3539770	508798	3539724	-0.33	0.94	-0.37	0.47	-0.54	0.85	Little Tybee
715	508842	3539749	508843	3539693	0.09	0.00	0.09	0.00	0.09	0.00	Little Tybee
717	508926	3539706	508929	3539667	0.07	0.69	0.12	0.38	0.03	0.05	Little Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
718	508970	3539731	508975	3539692	-0.03	0.62	0.02	0.01	0.03	0.06	Little Tybee
719	509012	3539756	509018	3539726	-0.12	0.46	-0.09	0.27	-0.05	0.23	Little Tybee
720	509050	3539789	509064	3539734	-0.32	0.74	-0.25	0.59	-0.39	0.86	Little Tybee
721	509088	3539821	509104	3539767	-0.32	0.54	-0.27	0.77	-0.37	0.92	Little Tybee
722	509127	3539853	509147	3539796	-0.34	0.40	-0.30	0.88	-0.39	0.95	Little Tybee
723	509165	3539885	509190	3539824	-0.39	0.69	-0.36	0.82	-0.51	0.88	Little Tybee
724	509204	3539917	509230	3539850	-0.44	0.81	-0.40	0.81	-0.56	0.87	Little Tybee
725	509243	3539947	509269	3539876	-0.47	0.75	-0.43	0.85	-0.57	0.90	Little Tybee
726	509285	3539975	509304	3539900	-0.48	0.68	-0.43	0.86	-0.56	0.91	Little Tybee
727	509327	3540002	509341	3539926	-0.48	0.57	-0.43	0.91	-0.51	0.94	Little Tybee
728	509373	3540019	509380	3539951	-0.41	0.69	-0.36	0.83	-0.48	0.89	Little Tybee
729	509422	3540028	509423	3539970	-0.26	0.84	-0.19	0.30	-0.50	0.72	Little Tybee
730	509471	3540028	509468	3539976	-0.10	0.88	-0.02	0.00	-0.35	0.54	Little Tybee
731	509513	3540002	509507	3539957	-0.09	1.05	-0.02	0.01	-0.22	0.42	Little Tybee
732	509552	3539972	509542	3539925	-0.10	1.26	-0.03	0.02	-0.18	0.31	Little Tybee
733	509591	3539940	509577	3539895	-0.13	1.25	-0.07	0.05	-0.19	0.34	Little Tybee
734	509630	3539908	509614	3539868	-0.14	1.16	-0.09	0.11	-0.19	0.39	Little Tybee
735	509674	3539885	509655	3539842	-0.15	1.40	-0.11	0.14	-0.23	0.40	Little Tybee
736	509712	3539852	509693	3539814	-0.17	1.21	-0.14	0.25	-0.24	0.50	Little Tybee
737	509753	3539824	509733	3539784	-0.14	1.20	-0.10	0.15	-0.25	0.47	Little Tybee
738	509793	3539795	509774	3539758	-0.09	1.20	-0.08	0.09	-0.21	0.41	Little Tybee
739	509829	3539760	509810	3539725	-0.15	0.85	-0.14	0.37	-0.26	0.65	Little Tybee
740	509868	3539730	509853	3539693	-0.19	0.64	-0.19	0.54	-0.31	0.77	Little Tybee
741	509916	3539715	509903	3539672	-0.18	0.80	-0.17	0.41	-0.32	0.70	Little Tybee
742	509965	3539708	509953	3539656	-0.25	1.05	-0.22	0.45	-0.41	0.71	Little Tybee
743	510015	3539705	510007	3539648	-0.34	0.93	-0.30	0.73	-0.39	0.81	Little Tybee
744	510064	3539699	510062	3539645	-0.31	1.13	-0.25	0.50	-0.43	0.72	Little Tybee
746	510162	3539715	510183	3539561	-5.03	0.00	-5.03	0.00	-5.03	0.00	Little Tybee
747	510208	3539735	510247	3539583	-1.13	0.00	-1.13	0.00	-1.13	0.00	Little Tybee
748	510250	3539762	510279	3539681	-0.54	1.78	-0.44	0.62	-0.32	0.26	Little Tybee
749	510289	3539793	510321	3539720	-0.49	1.64	-0.43	0.62	-0.63	0.76	Little Tybee
750	510330	3539822	510366	3539752	-0.49	1.71	-0.42	0.58	-0.65	0.74	Little Tybee
751	510370	3539852	510410	3539785	-0.50	1.71	-0.43	0.59	-0.68	0.75	Little Tybee
752	510410	3539882	510450	3539817	-0.47	1.69	-0.41	0.58	-0.63	0.74	Little Tybee
753	510449	3539914	510492	3539853	-0.46	1.54	-0.40	0.61	-0.60	0.76	Little Tybee
754	510487	3539946	510531	3539893	-0.42	1.36	-0.36	0.63	-0.50	0.75	Little Tybee
755	510521	3539983	510560	3539932	-0.39	1.10	-0.35	0.70	-0.39	0.77	Little Tybee
756	510557	3540016	510594	3539966	-0.37	1.01	-0.35	0.76	-0.36	0.80	Little Tybee
757	510598	3540045	510631	3539999	-0.34	1.21	-0.32	0.67	-0.38	0.74	Little Tybee
758	510641	3540071	510666	3540029	-0.28	1.04	-0.25	0.61	-0.32	0.72	Little Tybee
759	510685	3540095	510702	3540059	-0.17	0.99	-0.12	0.24	-0.16	0.41	Little Tybee
760	510725	3540124	510742	3540079	-0.12	1.26	-0.07	0.07	-0.11	0.17	Little Tybee
761	510769	3540147	510781	3540098	-0.15	1.40	-0.11	0.13	-0.11	0.14	Little Tybee
762	510813	3540171	510819	3540110	-0.19	1.64	-0.15	0.16	-0.11	0.11	Little Tybee
763	510861	3540184	510859	3540125	-0.17	1.72	-0.14	0.14	-0.13	0.14	Little Tybee
764	510910	3540195	510902	3540137	-0.08	1.62	-0.03	0.01	-0.12	0.12	Little Tybee
765	510960	3540203	510944	3540145	0.06	1.49	0.14	0.13	-0.15	0.14	Little Tybee
766	511004	3540191	510976	3540121	0.22	1.01	0.30	0.39	-0.10	0.06	Little Tybee
767	511033	3540150	511002	3540093	0.19	1.01	0.29	0.49	0.01	0.00	Little Tybee
768	511053	3540105	511027	3540065	0.17	0.96	0.23	0.52	0.08	0.12	Little Tybee
769	511076	3540060	511052	3540031	0.09	0.84	0.15	0.37	0.04	0.03	Little Tybee
770	511104	3540019	511074	3539988	0.06	0.86	0.12	0.24	0.05	0.08	Little Tybee
771	511132	3539977	511096	3539946	0.01	0.92	0.08	0.09	0.05	0.08	Little Tybee
772	511155	3539933	511117	3539904	-0.03	0.90	0.02	0.01	0.07	0.11	Little Tybee
773	511179	3539889	511139	3539861	-0.09	0.91	-0.04	0.01	0.05	0.06	Little Tybee
774	511208	3539848	511164	3539816	-0.16	0.86	-0.14	0.21	-0.01	0.00	Little Tybee
775	511235	3539806	511189	3539772	-0.25	0.77	-0.23	0.49	-0.11	0.23	Little Tybee
776	511263	3539765	511215	3539726	-0.30	0.75	-0.28	0.55	-0.16	0.39	Little Tybee
777	511296	3539727	511243	3539680	-0.34	0.88	-0.30	0.51	-0.16	0.33	Little Tybee
778	511330	3539690	511276	3539635	-0.41	1.01	-0.38	0.60	-0.25	0.51	Little Tybee
779	511367	3539657	511315	3539595	-0.42	1.11	-0.40	0.60	-0.24	0.47	Little Tybee
780	511410	3539633	511360	3539559	-0.51	1.34	-0.49	0.67	-0.36	0.63	Little Tybee
781	511456	3539613	511409	3539531	-0.61	1.26	-0.59	0.76	-0.45	0.73	Little Tybee
782	511504	3539599	511459	3539496	-0.73	1.45	-0.70	0.80	-0.59	0.81	Little Tybee
783	511553	3539589	511517	3539476	-0.78	1.46	-0.74	0.78	-0.59	0.78	Little Tybee
784	511603	3539587	511574	3539440	-0.99	1.54	-0.94	0.87	-0.89	0.90	Little Tybee
785	511653	3539588	511639	3539432	-1.03	1.53	-0.99	0.90	-0.97	0.92	Little Tybee
786	511703	3539592	511703	3539435	-1.06	1.37	-1.02	0.92	-1.00	0.94	Little Tybee
787	511752	3539598	511772	3539406	-1.07	1.09	-1.03	0.94	-1.00	0.96	Little Tybee
788	511801	3539608	511831	3539463	-0.99	1.35	-0.96	0.91	-0.90	0.93	Little Tybee
789	511846	3539616	511896	3539455	-1.04	1.16	-0.96	0.93	-1.16	0.95	Little Tybee
790	511886	3539623	511940	3539497	-0.91	1.01	-0.87	0.94	-0.93	0.96	Little Tybee
791	511930	3539647	511992	3539522	-0.92	0.86	-0.88	0.96	-0.96	0.97	Little Tybee
792	511974	3539671	512041	3539559	-0.86	0.92	-0.84	0.96	-0.88	0.96	Little Tybee
793	512017	3539696	512091	3539586	-0.87	0.99	-0.84	0.95	-0.93	0.96	Little Tybee
794	512059	3539723	512131	3539624	-0.80	1.16	-0.79	0.93	-0.83	0.94	Little Tybee
795	512101	3539751	512168	3539660	-0.74	1.30	-0.72	0.90	-0.75	0.91	Little Tybee
796	512141	3539781	512214	3539688	-0.77	1.29	-0.73	0.89	-0.82	0.91	Little Tybee
797	512181	3539811	512243	3539731	-0.65	1.16	-0.61	0.86	-0.62	0.89	Little Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
798	512223	3539838	512280	3539765	-0.57	0.85	-0.54	0.88	-0.52	0.91	Little Tybee
799	512265	3539864	512314	3539800	-0.51	1.54	-0.46	0.69	-0.56	0.77	Little Tybee
800	512307	3539892	512350	3539835	-0.43	1.09	-0.36	0.66	-0.47	0.80	Little Tybee
801	512348	3539920	512385	3539871	-0.27	1.13	-0.22	0.36	-0.18	0.37	Little Tybee
802	512392	3539944	512429	3539893	-0.16	1.13	-0.14	0.16	0.02	0.00	Little Tybee
803	512436	3539968	512472	3539915	-0.15	1.21	-0.13	0.12	0.02	0.01	Little Tybee
804	512480	3539993	512514	3539938	-0.16	1.09	-0.13	0.13	0.04	0.02	Little Tybee
805	512523	3540017	512557	3539960	-0.17	1.02	-0.16	0.18	0.04	0.03	Little Tybee
806	512567	3540041	512600	3539984	-0.18	1.03	-0.17	0.20	0.04	0.02	Little Tybee
807	512611	3540065	512641	3540009	-0.18	0.91	-0.18	0.26	0.02	0.01	Little Tybee
808	512655	3540088	512683	3540033	-0.19	0.81	-0.19	0.30	0.00	0.00	Little Tybee
809	512699	3540112	512727	3540056	-0.22	0.77	-0.21	0.34	-0.03	0.02	Little Tybee
810	512744	3540134	512774	3540076	-0.23	0.90	-0.21	0.30	-0.04	0.02	Little Tybee
811	512789	3540156	512819	3540096	-0.23	0.99	-0.21	0.29	-0.04	0.02	Little Tybee
812	512833	3540179	512864	3540113	-0.25	1.07	-0.23	0.31	-0.04	0.02	Little Tybee
813	512878	3540202	512906	3540132	-0.29	1.08	-0.27	0.37	-0.07	0.06	Little Tybee
814	512924	3540220	512949	3540149	-0.27	1.22	-0.26	0.35	-0.07	0.06	Little Tybee
815	512972	3540236	512992	3540169	-0.23	1.16	-0.23	0.32	-0.03	0.01	Little Tybee
816	513020	3540250	513032	3540189	-0.17	0.99	-0.17	0.22	0.03	0.02	Little Tybee
817	513069	3540257	513074	3540208	-0.06	0.93	-0.06	0.06	0.08	0.14	Little Tybee
818	513114	3540275	513115	3540233	0.08	0.87	0.12	0.24	0.12	0.32	Little Tybee
819	513159	3540297	513155	3540247	0.19	0.93	0.22	0.57	0.18	0.51	Little Tybee
820	513207	3540303	513193	3540241	0.10	0.93	0.16	0.34	0.12	0.29	Little Tybee
821	513249	3540276	513233	3540227	0.11	0.33	0.07	0.26	0.20	0.74	Little Tybee
822	513289	3540247	513267	3540202	-0.03	0.68	-0.09	0.15	0.13	0.25	Little Tybee
823	513333	3540225	513299	3540173	-0.21	0.74	-0.27	0.51	0.01	0.00	Little Tybee
824	513358	3540182	513315	3540132	-0.20	0.92	-0.30	0.53	-0.02	0.01	Little Tybee
825	513373	3540134	513335	3540101	-0.13	0.84	-0.21	0.45	-0.02	0.01	Little Tybee
826	513392	3540088	513356	3540063	-0.06	0.96	-0.13	0.24	0.00	0.00	Little Tybee
827	513409	3540041	513364	3540016	0.03	1.10	-0.06	0.05	0.05	0.05	Little Tybee
828	513428	3539995	513380	3539973	0.09	1.15	0.00	0.00	0.08	0.10	Little Tybee
829	513442	3539947	513387	3539926	0.07	1.13	-0.02	0.01	0.05	0.05	Little Tybee
830	513451	3539898	513393	3539882	0.07	1.15	-0.02	0.01	0.04	0.03	Little Tybee
831	513460	3539849	513400	3539836	0.10	1.27	0.00	0.00	0.07	0.06	Little Tybee
832	513470	3539800	513410	3539788	0.13	1.23	0.04	0.01	0.07	0.08	Little Tybee
833	513478	3539750	513416	3539741	0.12	1.22	0.03	0.01	0.06	0.06	Little Tybee
834	513480	3539700	513423	3539694	0.09	1.22	0.00	0.00	0.06	0.05	Little Tybee
835	513484	3539651	513433	3539648	0.06	1.19	-0.03	0.01	0.06	0.05	Little Tybee
836	513491	3539601	513439	3539602	0.06	1.17	-0.03	0.01	0.05	0.04	Little Tybee
837	513496	3539551	513445	3539555	0.06	1.13	-0.03	0.01	0.05	0.04	Little Tybee
838	513500	3539502	513443	3539511	0.06	1.23	-0.05	0.02	0.06	0.05	Little Tybee
839	513505	3539452	513446	3539466	0.06	1.28	-0.06	0.03	0.08	0.08	Little Tybee
840	513512	3539402	513459	3539417	0.05	1.19	-0.05	0.03	0.08	0.10	Little Tybee
841	513519	3539353	513459	3539371	-0.18	0.94	-0.24	0.46	-0.27	0.43	Little Tybee
842	513533	3539305	513410	3539348	-0.43	0.71	-0.44	0.69	-0.52	0.70	Little Tybee
843	513536	3539255	513376	3539319	-0.98	1.42	-0.86	0.65	-1.08	0.68	Little Tybee
844	513540	3539205	513308	3539313	-1.18	1.88	-1.02	0.64	-1.29	0.68	Little Tybee
845	513544	3539156	513306	3539281	-1.56	2.55	-1.36	0.65	-1.71	0.69	Little Tybee
846	513536	3539107	513297	3539246	-1.87	2.09	-1.82	0.78	-2.10	0.78	Little Tybee
847	513542	3539057	513276	3539224	-2.15	3.42	-1.92	0.77	-2.26	0.79	Little Tybee
848	513539	3539007	513272	3539184	-2.42	7.46	-2.61	0.43	-2.26	0.55	Little Tybee
849	513533	3538958	513262	3539136	-3.65	5.91	-3.80	0.72	-3.52	0.82	Little Tybee
850	513527	3538908	513250	3539079	-2.24	3.13	-1.93	0.76	-2.28	0.79	Little Tybee
851	513519	3538859	513201	3539021	-2.48	3.51	-2.14	0.76	-2.53	0.79	Little Tybee
852	513510	3538810	513080	3538982	-3.19	6.28	-2.68	0.76	-3.00	0.80	Little Tybee
853	513500	3538761	513101	3538879	-2.89	3.03	-2.64	0.72	-3.20	0.72	Little Tybee
854	513490	3538712	513074	3538793	-2.82	2.53	-2.70	0.77	-3.13	0.76	Little Tybee
855	513489	3538662	513051	3538737	-2.85	4.51	-2.37	0.63	-2.96	0.67	Little Tybee
856	513487	3538612	513042	3538680	-2.94	5.14	-2.38	0.59	-3.01	0.64	Little Tybee
857	513483	3538562	513025	3538623	-3.06	5.58	-2.44	0.55	-3.16	0.61	Little Tybee
858	513475	3538513	512973	3538555	-3.49	6.58	-2.78	0.51	-3.67	0.58	Little Tybee
859	513460	3538465	512953	3538483	-3.41	6.83	-2.68	0.46	-3.64	0.54	Little Tybee
860	513439	3538420	512977	3538413	-2.96	6.43	-2.27	0.42	-3.16	0.51	Little Tybee
861	513426	3538372	513041	3538348	-2.39	5.10	-1.85	0.43	-2.55	0.52	Little Tybee
862	513416	3538323	513084	3538290	-2.10	4.00	-1.68	0.50	-2.25	0.57	Little Tybee
863	513405	3538274	513082	3538231	-2.18	3.74	-1.78	0.56	-2.31	0.62	Little Tybee
864	513401	3538225	513054	3538170	-0.77	0.82	-0.74	0.89	-0.78	0.83	Little Tybee
865	513389	3538176	513095	3538126	-2.05	2.98	-1.74	0.64	-2.18	0.67	Little Tybee
866	513384	3538127	513103	3538085	-1.91	2.64	-1.63	0.64	-2.05	0.67	Little Tybee
867	513379	3538077	513101	3538042	-1.83	2.44	-1.58	0.63	-1.98	0.66	Little Tybee
868	513378	3538030	513102	3538003	-1.71	2.29	-1.49	0.61	-1.89	0.64	Little Tybee
869	513406	3537994	513105	3537972	-2.09	1.80	-1.91	0.81	-2.22	0.81	Little Tybee
870	513433	3537952	513109	3537936	-2.23	1.42	-2.10	0.90	-2.34	0.89	Little Tybee
871	513452	3537906	513120	3537897	-2.30	0.90	-2.21	0.96	-2.35	0.95	Little Tybee
872	513455	3537857	513124	3537851	-2.20	0.45	-2.17	0.98	-2.26	0.98	Little Tybee
873	513453	3537807	513124	3537814	-2.02	0.45	-2.05	1.00	-2.05	1.00	Little Tybee
874	513447	3537757	513129	3537776	-1.82	1.55	-1.97	0.96	-1.89	0.96	Little Tybee
875	513441	3537708	513138	3537736	-1.70	1.89	-1.88	0.93	-1.78	0.93	Little Tybee
876	513434	3537658	513141	3537699	-1.73	1.60	-1.89	0.95	-1.80	0.94	Little Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
877	513432	3537608	513137	3537670	-1.80	1.59	-1.96	0.95	-1.88	0.95	Little Tybee
878	513434	3537558	513130	3537641	-1.95	1.61	-2.11	0.96	-2.03	0.95	Little Tybee
879	513433	3537508	513123	3537613	-2.07	1.68	-2.23	0.96	-2.11	0.95	Little Tybee
880	513431	3537458	513113	3537584	-2.21	2.02	-2.35	0.95	-2.20	0.94	Little Tybee
881	513427	3537408	513103	3537563	-2.34	2.43	-2.48	0.94	-2.29	0.92	Little Tybee
882	513400	3537367	513090	3537542	-2.31	2.33	-2.47	0.95	-2.35	0.95	Little Tybee
883	513367	3537330	513065	3537514	-2.23	2.42	-2.38	0.95	-2.28	0.94	Little Tybee
884	513345	3537285	513038	3537485	-2.25	1.81	-2.39	0.95	-2.21	0.93	Little Tybee
885	513334	3537236	513013	3537459	-2.35	1.74	-2.48	0.93	-2.25	0.90	Little Tybee
886	513326	3537187	512987	3537433	-2.46	2.10	-2.58	0.92	-2.33	0.88	Little Tybee
887	513318	3537137	512958	3537411	-2.61	2.03	-2.73	0.92	-2.45	0.87	Little Tybee
888	513308	3537089	512929	3537387	-2.76	1.82	-2.87	0.92	-2.58	0.88	Little Tybee
889	513287	3537043	512903	3537354	-2.88	1.56	-2.95	0.94	-2.70	0.91	Little Tybee
890	513252	3537010	512876	3537318	-2.82	1.29	-2.83	0.96	-2.65	0.94	Little Tybee
891	513203	3537005	512858	3537289	-2.58	0.96	-2.53	0.98	-2.45	0.97	Little Tybee
892	513153	3537011	512844	3537265	-2.29	1.32	-2.17	0.97	-2.19	0.97	Little Tybee
893	513105	3537026	512836	3537249	-1.97	1.76	-1.79	0.92	-1.91	0.93	Little Tybee
894	513057	3537040	512826	3537233	-1.66	2.26	-1.42	0.79	-1.63	0.81	Little Tybee
895	513009	3537054	512816	3537219	-1.38	2.56	-1.10	0.58	-1.40	0.63	Little Tybee
896	512972	3537041	512796	3537194	-1.07	2.62	-0.80	0.31	-1.18	0.39	Little Tybee
897	512994	3536997	512775	3537167	-0.87	2.78	-0.69	0.28	-1.06	0.41	Little Tybee
898	513025	3536957	512771	3537162	-0.77	2.73	-0.61	0.22	-0.99	0.36	Little Tybee
899	513009	3536922	512757	3537146	-0.55	6.44	-0.32	0.02	-0.86	0.07	Little Tybee
900	512967	3536895	512750	3537138	-0.42	6.17	-0.21	0.01	-0.77	0.06	Little Tybee
901	512930	3536862	512726	3537114	-0.22	6.23	-0.01	0.00	-0.63	0.04	Little Tybee
902	512893	3536828	512699	3537089	-0.09	6.31	0.14	0.00	-0.55	0.03	Little Tybee
903	512870	3536786	512670	3537072	-0.03	6.50	0.21	0.01	-0.52	0.02	Little Tybee
904	512867	3536736	512652	3537064	0.03	6.58	0.27	0.01	-0.49	0.02	Little Tybee
905	512868	3536686	512638	3537061	0.07	6.65	0.30	0.01	-0.47	0.02	Little Tybee
906	512858	3536638	512617	3537056	0.14	6.77	0.36	0.02	-0.43	0.01	Little Tybee
907	512829	3536599	512581	3537044	0.26	6.93	0.46	0.02	-0.36	0.01	Little Tybee
908	512793	3536564	512539	3537031	0.36	7.17	0.54	0.03	-0.31	0.01	Little Tybee
909	512758	3536527	512500	3537012	0.44	7.37	0.60	0.03	-0.28	0.00	Little Tybee
910	512721	3536495	512459	3536990	0.48	7.55	0.64	0.03	-0.27	0.00	Little Tybee
911	512685	3536459	512417	3536968	0.54	7.65	0.72	0.04	-0.23	0.00	Little Tybee
912	512650	3536424	512375	3536946	0.61	7.73	0.80	0.05	-0.19	0.00	Little Tybee
913	512617	3536387	512331	3536924	0.69	7.86	0.87	0.05	-0.18	0.00	Little Tybee
914	512582	3536351	512286	3536901	0.84	8.21	0.94	0.05	-0.12	0.00	Little Tybee
915	512543	3536319	512241	3536871	0.88	8.86	0.91	0.05	-0.14	0.00	Little Tybee
916	512497	3536302	512198	3536841	0.92	9.32	0.92	0.05	-0.09	0.00	Little Tybee
917	512448	3536295	512161	3536814	0.95	9.81	0.93	0.05	-0.06	0.00	Little Tybee
918	512398	3536288	512131	3536792	0.95	10.27	0.92	0.05	-0.04	0.00	Little Tybee
919	512351	3536270	512100	3536772	0.99	10.93	0.94	0.05	0.01	0.00	Little Tybee
920	512306	3536250	512069	3536754	1.04	11.72	0.96	0.05	0.06	0.00	Little Tybee
921	512267	3536218	512042	3536739	1.08	12.89	0.93	0.04	0.08	0.00	Little Tybee
922	512229	3536187	512020	3536726	1.13	13.85	0.92	0.04	0.11	0.00	Little Tybee
923	512192	3536152	512003	3536716	1.19	14.66	0.96	0.04	0.17	0.00	Little Tybee
924	512150	3536128	511986	3536706	1.26	9.76	1.78	0.16	0.79	0.02	Little Tybee
925	512107	3536102	511935	3536701	1.51	10.18	2.04	0.21	1.11	0.04	Little Tybee
926	512067	3536072	511879	3536722	1.91	11.01	2.47	0.27	1.54	0.07	Little Tybee
927	512025	3536046	511792	3536843	-1.47	23.03	-4.00	0.21	-4.12	0.24	Little Tybee
928	511982	3536020	511739	3536850	3.46	19.58	3.06	0.25	2.36	0.11	Little Tybee
929	511938	3535996	511700	3536819	3.49	20.34	3.06	0.25	2.45	0.11	Little Tybee
930	511893	3535974	511660	3536787	3.53	20.31	3.12	0.27	2.59	0.13	Little Tybee
931	511848	3535952	511616	3536753	3.58	20.31	3.33	0.32	2.60	0.13	Little Tybee
932	511803	3535931	511551	3536711	3.60	22.97	3.34	0.33	3.19	0.18	Little Tybee
933	511768	3535897	511494	3536654	3.50	23.85	3.20	0.30	3.12	0.17	Little Tybee
934	511724	3535873	511430	3536589	3.41	24.64	3.06	0.28	3.11	0.17	Little Tybee
935	511678	3535854	511362	3536535	3.40	23.60	2.99	0.28	3.03	0.18	Little Tybee
936	511630	3535841	511291	3536492	3.47	22.34	3.03	0.30	3.05	0.20	Little Tybee
937	511585	3535818	511215	3536459	3.62	21.39	3.17	0.33	3.14	0.22	Little Tybee
938	511540	3535797	511135	3536426	3.76	21.24	3.34	0.36	3.33	0.24	Little Tybee
939	511493	3535778	511063	3536378	3.79	20.85	3.40	0.39	3.41	0.26	Little Tybee
940	511448	3535757	511025	3536344	3.77	20.43	3.42	0.41	3.45	0.27	Little Tybee
941	511404	3535734	510986	3536308	3.74	19.88	3.42	0.42	3.46	0.28	Little Tybee
942	511362	3535707	510945	3536271	3.71	19.11	3.41	0.44	3.42	0.29	Little Tybee
943	511318	3535683	510906	3536232	3.65	18.00	3.36	0.45	3.34	0.30	Little Tybee
944	511271	3535666	510864	3536194	3.63	16.95	3.30	0.46	3.25	0.31	Little Tybee
945	511226	3535644	510817	3536154	3.61	15.84	3.25	0.47	3.15	0.32	Little Tybee
946	511179	3535628	510769	3536118	3.60	15.24	3.21	0.47	3.09	0.33	Little Tybee
947	511132	3535610	510736	3536092	3.56	15.15	3.11	0.46	3.01	0.33	Little Tybee
948	511087	3535589	510699	3536063	3.52	15.14	3.04	0.44	2.96	0.32	Little Tybee
949	511041	3535569	510667	3536039	3.48	14.88	3.00	0.45	2.93	0.33	Little Tybee
950	510994	3535551	510636	3536015	3.45	14.55	2.97	0.45	2.91	0.34	Little Tybee
951	510946	3535538	510607	3535993	3.42	14.10	2.93	0.46	2.90	0.35	Little Tybee
952	510898	3535524	510580	3535972	3.37	15.91	2.66	0.35	2.73	0.30	Little Tybee
953	510850	3535510	510553	3535950	3.31	17.17	2.46	0.29	2.61	0.26	Little Tybee
954	510804	3535491	510525	3535926	3.24	17.03	2.40	0.28	2.58	0.26	Little Tybee
955	510756	3535476	510497	3535902	3.16	16.93	2.33	0.28	2.54	0.26	Little Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
956	510716	3535447	510466	3535886	3.12	16.64	2.29	0.28	2.53	0.27	Little Tybee
957	510679	3535413	510442	3535863	3.10	15.94	2.29	0.30	2.54	0.29	Little Tybee
958	510642	3535380	510417	3535847	3.12	15.42	2.31	0.32	2.59	0.32	Little Tybee
959	510605	3535346	510392	3535839	3.20	14.94	2.42	0.35	2.71	0.36	Little Tybee
960	510569	3535312	510359	3535828	3.26	14.45	2.52	0.39	2.81	0.39	Little Tybee
961	510531	3535279	510327	3535817	3.34	13.95	2.62	0.42	2.90	0.42	Little Tybee
962	510495	3535245	510293	3535814	3.48	13.53	2.79	0.47	3.07	0.47	Little Tybee
963	510460	3535209	510265	3535817	3.63	7.23	3.53	0.86	3.56	0.76	Little Tybee
964	510421	3535178	510236	3535815	3.77	6.19	3.76	0.91	3.75	0.82	Little Tybee
965	510378	3535155	510206	3535808	3.90	5.53	3.90	0.93	3.90	0.86	Little Tybee
966	510349	3535114	510186	3535803	3.97	4.86	3.98	0.95	3.98	0.89	Little Tybee
967	510316	3535077	510162	3535797	4.09	3.71	4.11	0.97	4.11	0.94	Little Tybee
968	510285	3535038	510140	3535790	4.17	2.51	4.21	0.99	4.22	0.97	Little Tybee
969	510248	3535004	510116	3535780	4.22	1.47	4.28	0.99	4.29	0.99	Little Tybee
970	510205	3534980	510090	3535769	4.30	1.16	4.37	0.99	4.40	0.99	Little Tybee
971	510159	3534960	510062	3535758	4.39	10.28	4.36	0.79	4.54	0.66	Little Tybee
972	510115	3534938	510007	3535739	4.44	11.16	4.45	0.77	4.63	0.64	Little Tybee
973	510067	3534922	509918	3535739	4.61	11.99	4.67	0.78	4.79	0.64	Little Tybee
974	510018	3534911	509818	3535779	5.03	12.83	5.19	0.80	5.17	0.67	Little Tybee
975	509969	3534906	509738	3535817	4.49	17.20	6.39	0.58	6.62	0.57	Little Tybee
976	509919	3534900	509659	3535814	4.14	18.96	6.24	0.51	6.48	0.51	Little Tybee
977	509869	3534895	509580	3535812	8.21	29.47	9.06	0.37	5.02	0.09	Little Tybee
978	509820	3534889	509527	3535732	7.37	25.04	5.75	0.56	3.95	0.22	Little Tybee
979	509770	3534886	509427	3535701	7.12	2.46	6.98	0.98	6.90	0.97	Little Tybee
980	509720	3534880	509296	3535735	6.81	3.63	6.61	0.96	6.49	0.94	Little Tybee
981	509682	3534848	509249	3535597	6.50	30.30	4.31	0.30	2.12	0.05	Little Tybee
982	509644	3534815	509179	3535515	-0.46	28.17	1.20	0.04	0.05	0.00	Little Tybee
983	509606	3534782	509110	3535442	-0.63	25.46	1.34	0.04	0.76	0.01	Little Tybee
984	509570	3534748	509036	3535379	-0.95	25.58	1.01	0.02	0.47	0.01	Little Tybee
985	509532	3534716	508948	3535332	-1.86	26.39	0.25	0.00	-0.44	0.00	Little Tybee
986	509494	3534683	508868	3535275	-2.01	26.07	0.11	0.00	-0.64	0.01	Little Tybee
987	509455	3534652	508809	3535240	-2.14	26.07	-0.02	0.00	-0.85	0.02	Little Tybee
988	509415	3534622	508769	3535229	-2.16	25.76	-0.07	0.00	-0.95	0.02	Little Tybee
989	509375	3534592	508723	3535224	4.93	20.51	2.83	0.16	1.44	0.04	Little Tybee
990	509336	3534561	508728	3535171	4.88	21.03	2.79	0.16	1.34	0.03	Little Tybee
991	509297	3534529	508754	3535106	-1.73	24.66	0.14	0.00	-0.67	0.01	Little Tybee
992	509258	3534499	508749	3535069	-1.56	23.89	0.28	0.00	-0.42	0.01	Little Tybee
993	509215	3534472	508720	3535020	-1.12	22.90	0.63	0.01	0.18	0.00	Little Tybee
994	509174	3534444	508688	3535013	-1.03	22.81	0.68	0.01	0.31	0.00	Little Tybee
995	509134	3534414	508653	3535003	-0.94	22.88	0.75	0.02	0.46	0.01	Little Tybee
996	509094	3534383	508616	3534996	-0.41	22.35	1.14	0.04	1.04	0.03	Little Tybee
997	509053	3534355	508574	3534986	-0.20	22.29	1.29	0.05	1.30	0.04	Little Tybee
998	509011	3534327	508541	3534965	0.05	21.95	1.50	0.06	1.58	0.06	Little Tybee
999	508970	3534300	508512	3534939	0.32	21.46	1.71	0.08	1.85	0.09	Little Tybee
1000	508928	3534272	508480	3534911	0.60	20.76	1.95	0.11	2.11	0.11	Little Tybee
1001	508886	3534245	508448	3534882	0.89	20.05	2.20	0.14	2.37	0.15	Little Tybee
1002	508844	3534219	508420	3534848	1.16	19.71	2.43	0.17	2.58	0.17	Little Tybee
1003	508800	3534195	508392	3534815	1.37	19.55	2.61	0.20	2.72	0.20	Little Tybee
1004	508756	3534171	508354	3534784	1.57	19.28	2.77	0.23	2.84	0.22	Little Tybee
1005	508711	3534149	508315	3534749	1.71	18.84	2.89	0.26	2.93	0.24	Little Tybee
1006	508665	3534129	508274	3534714	1.77	18.40	2.94	0.28	2.96	0.26	Little Tybee
1007	508619	3534109	508233	3534679	1.81	17.75	2.97	0.29	2.99	0.28	Little Tybee
1008	508572	3534093	508205	3534660	1.82	17.33	2.96	0.30	2.95	0.29	Little Tybee
1009	508524	3534078	508170	3534645	1.83	17.13	2.93	0.31	2.89	0.29	Little Tybee
1010	508478	3534059	508135	3534629	1.93	16.94	2.99	0.33	2.92	0.30	Little Tybee
1011	508429	3534050	508104	3534613	2.00	16.37	3.02	0.36	2.94	0.32	Little Tybee
1012	508380	3534043	508073	3534596	2.10	15.64	3.07	0.39	3.00	0.35	Little Tybee
1013	508330	3534042	508042	3534581	2.19	14.83	3.09	0.41	3.04	0.38	Little Tybee
1014	508280	3534041	508010	3534566	2.25	14.09	3.09	0.44	3.07	0.40	Little Tybee
1015	508230	3534044	507979	3534551	2.28	13.28	3.06	0.46	3.08	0.42	Little Tybee
1016	508180	3534049	507947	3534535	2.31	12.28	3.02	0.48	3.07	0.45	Little Tybee
1017	508130	3534056	507912	3534517	2.36	11.28	2.99	0.51	3.08	0.48	Little Tybee
1018	508081	3534063	507877	3534498	2.42	10.26	2.97	0.55	3.09	0.52	Little Tybee
1019	508032	3534074	507840	3534480	2.45	9.30	2.92	0.58	3.07	0.54	Little Tybee
1020	507986	3534092	507809	3534464	2.46	7.95	2.81	0.61	3.03	0.57	Little Tybee
1021	507957	3534131	507801	3534461	2.46	3.36	2.15	0.65	2.64	0.64	Little Tybee
1022	507911	3534121	507760	3534444	2.47	3.23	2.17	0.65	2.68	0.64	Little Tybee
1023	507866	3534099	507716	3534426	2.50	3.06	2.21	0.65	2.74	0.65	Little Tybee
1024	507822	3534076	507674	3534409	2.53	3.34	2.20	0.62	2.77	0.63	Little Tybee
1025	507779	3534050	507636	3534393	2.57	3.90	2.16	0.56	2.79	0.60	Little Tybee
1026	507740	3534019	507599	3534378	2.61	4.46	2.13	0.51	2.82	0.56	Little Tybee
1027	507699	3533989	507561	3534362	2.67	5.00	2.14	0.49	2.87	0.56	Little Tybee
1028	507661	3533958	507527	3534341	2.74	5.63	2.14	0.46	2.90	0.54	Little Tybee
1029	507621	3533928	507490	3534320	2.80	6.06	2.14	0.43	2.94	0.52	Little Tybee
1030	507580	3533899	507447	3534303	2.84	6.48	2.13	0.39	2.98	0.48	Little Tybee
1031	507540	3533869	507405	3534292	2.89	7.03	2.12	0.36	3.04	0.46	Little Tybee
1032	507499	3533840	507363	3534290	2.94	7.64	2.10	0.32	3.11	0.43	Little Tybee
1033	507457	3533812	507329	3534283	3.00	8.28	2.09	0.28	3.16	0.40	Little Tybee
1034	507417	3533783	507292	3534276	3.07	8.92	2.08	0.26	3.21	0.38	Little Tybee

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1035	507375	3533755	507261	3534274	3.13	9.39	2.10	0.25	3.27	0.37	Little Tybee
1036	507333	3533728	507227	3534261	3.21	9.53	2.16	0.25	3.38	0.37	Little Tybee
1037	507290	3533703	507188	3534254	3.28	9.53	2.23	0.25	3.49	0.37	Little Tybee
1038	507244	3533683	507151	3534244	3.30	9.58	2.25	0.24	3.53	0.36	Little Tybee
1039	507197	3533669	507113	3534232	3.32	9.90	2.22	0.23	3.52	0.36	Little Tybee
1040	507170	3533663	507096	3534230	3.31	10.05	2.20	0.23	3.50	0.36	Little Tybee
1041	501015	3524974	500637	3525451	3.77	3.73	4.18	0.90	3.77	0.83	Wassaw
1042	500988	3524932	500612	3525433	3.86	3.91	4.29	0.90	3.87	0.83	Wassaw
1043	500957	3524892	500578	3525407	3.96	4.07	4.40	0.91	3.99	0.84	Wassaw
1044	500925	3524854	500537	3525377	4.06	4.20	4.51	0.91	4.12	0.85	Wassaw
1045	500894	3524815	500523	3525367	4.16	4.35	4.62	0.91	4.24	0.85	Wassaw
1046	500859	3524779	500493	3525347	4.28	4.38	4.74	0.92	4.37	0.86	Wassaw
1047	500823	3524745	500465	3525327	4.38	4.39	4.83	0.93	4.49	0.88	Wassaw
1048	500785	3524712	500440	3525312	4.49	4.45	4.94	0.93	4.63	0.89	Wassaw
1049	500747	3524679	500417	3525301	4.61	4.57	5.06	0.94	4.78	0.90	Wassaw
1050	500707	3524650	500397	3525291	4.70	4.80	5.16	0.94	4.92	0.90	Wassaw
1051	500665	3524623	500381	3525281	4.76	5.58	5.24	0.93	5.07	0.89	Wassaw
1052	500629	3524588	500369	3525273	4.79	6.87	5.32	0.91	5.24	0.86	Wassaw
1053	500584	3524569	500355	3525266	4.82	7.96	5.38	0.89	5.37	0.83	Wassaw
1054	500536	3524556	500340	3525261	4.87	8.85	5.47	0.87	5.50	0.81	Wassaw
1055	500490	3524540	500332	3525259	4.86	9.49	5.49	0.85	5.54	0.79	Wassaw
1056	500440	3524538	500324	3525257	4.74	9.85	5.39	0.84	5.44	0.77	Wassaw
1057	500390	3524544	500317	3525256	4.61	9.92	5.26	0.83	5.30	0.76	Wassaw
1058	500341	3524556	500310	3525256	4.49	9.75	5.14	0.83	5.17	0.75	Wassaw
1059	500292	3524566	500302	3525256	4.44	9.45	5.07	0.83	5.12	0.76	Wassaw
1060	500244	3524577	500294	3525256	4.41	9.10	5.02	0.84	5.08	0.77	Wassaw
1061	500194	3524585	500282	3525257	4.39	8.77	4.99	0.84	5.06	0.78	Wassaw
1062	500144	3524587	500269	3525259	4.43	8.47	5.02	0.85	5.09	0.79	Wassaw
1063	500095	3524592	500256	3525264	4.46	8.10	5.06	0.85	5.13	0.81	Wassaw
1064	500046	3524602	500241	3525268	4.48	7.80	5.07	0.86	5.14	0.82	Wassaw
1065	499999	3524619	500228	3525273	4.50	7.65	5.07	0.86	5.14	0.83	Wassaw
1066	499951	3524633	500214	3525278	4.53	6.81	5.07	0.87	5.14	0.86	Wassaw
1067	499904	3524650	500200	3525284	4.56	7.40	5.12	0.88	5.16	0.84	Wassaw
1068	499859	3524672	500187	3525290	4.57	7.29	5.13	0.88	5.15	0.85	Wassaw
1069	499821	3524704	500174	3525295	4.50	7.17	5.05	0.89	5.03	0.84	Wassaw
1070	499787	3524741	500166	3525299	4.43	5.80	4.92	0.91	4.92	0.89	Wassaw
1071	499760	3524782	500157	3525304	4.34	5.37	4.79	0.92	4.77	0.90	Wassaw
1072	499742	3524829	500151	3525309	4.28	4.74	4.67	0.93	4.65	0.92	Wassaw
1073	499711	3524868	500143	3525319	4.24	3.73	4.55	0.96	4.52	0.94	Wassaw
1074	499693	3524914	500136	3525328	4.10	2.74	4.33	0.97	4.29	0.97	Wassaw
1075	499686	3524964	500128	3525337	3.91	1.64	4.01	0.99	3.98	0.98	Wassaw
1076	499690	3525013	500123	3525344	3.66	1.83	3.64	0.99	3.62	0.98	Wassaw
1077	499706	3525061	500118	3525352	3.38	1.92	3.35	0.98	3.30	0.96	Wassaw
1078	499728	3525106	500119	3525349	3.06	2.00	3.03	0.96	2.94	0.94	Wassaw
1079	499757	3525146	500117	3525354	2.72	1.99	2.71	0.94	2.56	0.89	Wassaw
1080	499790	3525184	500114	3525359	2.39	1.79	2.41	0.90	2.21	0.82	Wassaw
1081	499827	3525218	500103	3525378	2.08	1.66	2.13	0.85	1.88	0.74	Wassaw
1082	499859	3525256	500099	3525385	1.72	1.48	1.80	0.80	1.53	0.66	Wassaw
1083	499886	3525298	500098	3525386	1.45	1.46	1.52	0.80	1.28	0.67	Wassaw
1084	499916	3525338	500091	3525401	1.17	1.38	1.16	0.76	0.99	0.62	Wassaw
1085	499940	3525381	500087	3525416	0.81	1.26	0.80	0.65	0.64	0.46	Wassaw
1086	499965	3525424	500082	3525431	0.59	1.01	0.58	0.60	0.46	0.40	Wassaw
1087	499987	3525469	500074	3525465	0.43	0.94	0.39	0.52	0.19	0.32	Wassaw
1088	500011	3525513	500065	3525505	0.22	0.85	0.17	0.27	0.09	0.19	Wassaw
1089	500038	3525555	500072	3525547	-0.02	0.46	-0.05	0.11	-0.10	0.48	Wassaw
1090	500059	3525599	500126	3525581	-0.40	1.44	-0.35	0.58	-0.55	0.75	Wassaw
1091	500078	3525645	500138	3525624	-0.37	1.66	-0.32	0.51	-0.41	0.63	Wassaw
1092	500086	3525693	500155	3525660	-0.45	0.73	-0.41	0.88	-0.45	0.91	Wassaw
1093	500075	3525742	500170	3525691	-0.65	0.45	-0.62	0.96	-0.60	0.98	Wassaw
1094	500073	3525791	500187	3525735	-0.79	0.62	-0.75	0.95	-0.73	0.97	Wassaw
1095	500085	3525840	500196	3525799	-0.73	0.35	-0.72	0.95	-0.61	0.95	Wassaw
1096	500104	3525886	500228	3525845	-0.81	0.46	-0.78	0.98	-0.80	0.99	Wassaw
1097	500121	3525933	500247	3525896	-0.82	0.45	-0.78	0.97	-0.90	0.98	Wassaw
1098	500133	3525981	500262	3525947	-0.84	0.57	-0.80	0.97	-0.91	0.99	Wassaw
1099	500140	3526031	500272	3525992	-0.87	0.49	-0.82	0.96	-0.98	0.98	Wassaw
1100	500159	3526077	500279	3526045	-0.78	0.52	-0.72	0.92	-0.95	0.95	Wassaw
1101	500175	3526124	500283	3526102	-0.68	0.53	-0.63	0.88	-0.88	0.93	Wassaw
1102	500192	3526171	500290	3526150	-0.62	0.79	-0.55	0.84	-0.79	0.91	Wassaw
1103	500213	3526216	500300	3526191	-0.54	0.48	-0.49	0.88	-0.68	0.93	Wassaw
1104	500233	3526262	500310	3526233	-0.51	0.56	-0.46	0.91	-0.54	0.95	Wassaw
1105	500256	3526306	500319	3526275	-0.42	0.80	-0.37	0.80	-0.44	0.88	Wassaw
1106	500283	3526348	500329	3526318	-0.31	1.18	-0.30	0.64	-0.33	0.71	Wassaw
1107	500318	3526384	500357	3526354	-0.16	1.24	-0.17	0.30	-0.08	0.13	Wassaw
1108	500356	3526416	500393	3526383	-0.16	1.15	-0.17	0.30	-0.07	0.11	Wassaw
1109	500393	3526450	500432	3526408	-0.17	1.22	-0.19	0.29	-0.04	0.02	Wassaw
1110	500434	3526478	500469	3526430	-0.19	0.99	-0.20	0.34	-0.02	0.01	Wassaw
1111	500481	3526493	500507	3526452	-0.13	0.93	-0.13	0.24	-0.01	0.00	Wassaw
1112	500526	3526514	500546	3526479	-0.13	0.90	-0.14	0.34	-0.05	0.08	Wassaw
1113	500563	3526547	500589	3526501	-0.22	1.00	-0.24	0.52	-0.12	0.29	Wassaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1114	500605	3526574	500634	3526523	-0.24	0.93	-0.27	0.58	-0.13	0.33	Wassaw
1115	500648	3526600	500676	3526547	-0.27	0.72	-0.30	0.67	-0.14	0.40	Wassaw
1116	500694	3526618	500721	3526566	-0.23	0.98	-0.27	0.59	-0.14	0.42	Wassaw
1117	500741	3526636	500764	3526588	-0.23	1.06	-0.26	0.61	-0.22	0.63	Wassaw
1118	500786	3526657	500804	3526614	-0.22	1.06	-0.23	0.57	-0.20	0.58	Wassaw
1119	500828	3526684	500847	3526634	-0.28	0.74	-0.29	0.72	-0.19	0.63	Wassaw
1120	500873	3526706	500890	3526649	-0.34	0.64	-0.35	0.82	-0.25	0.78	Wassaw
1121	500920	3526724	500931	3526665	-0.36	0.66	-0.36	0.83	-0.27	0.81	Wassaw
1122	500969	3526732	500976	3526675	-0.33	0.31	-0.34	0.93	-0.27	0.93	Wassaw
1123	501017	3526748	501019	3526682	-0.39	0.39	-0.40	0.91	-0.30	0.90	Wassaw
1124	501066	3526758	501065	3526675	-0.48	0.62	-0.51	0.89	-0.36	0.86	Wassaw
1125	501115	3526765	501107	3526654	-0.71	0.97	-0.73	0.93	-0.66	0.94	Wassaw
1126	501164	3526774	501155	3526647	-0.83	0.87	-0.84	0.94	-0.71	0.94	Wassaw
1127	501213	3526782	501209	3526640	-0.93	0.81	-0.95	0.93	-0.75	0.93	Wassaw
1128	501263	3526790	501272	3526635	-1.02	0.87	-1.05	0.93	-0.83	0.93	Wassaw
1129	501312	3526796	501348	3526632	-1.12	0.91	-1.12	0.95	-0.97	0.96	Wassaw
1130	501362	3526802	501429	3526646	-1.12	0.75	-1.11	0.96	-1.00	0.97	Wassaw
1131	501412	3526808	501492	3526683	-0.98	0.67	-0.97	0.96	-0.86	0.97	Wassaw
1132	501459	3526823	501545	3526723	-0.87	0.68	-0.86	0.97	-0.81	0.98	Wassaw
1133	501502	3526848	501593	3526774	-0.75	0.42	-0.74	0.98	-0.73	0.99	Wassaw
1134	501545	3526874	501616	3526834	-0.49	0.43	-0.49	0.93	-0.40	0.92	Wassaw
1135	501570	3526917	501633	3526893	-0.39	0.50	-0.39	0.89	-0.29	0.84	Wassaw
1136	501594	3526961	501649	3526949	-0.33	0.56	-0.28	0.76	-0.31	0.91	Wassaw
1137	501612	3527007	501649	3527003	-0.19	0.52	-0.14	0.50	-0.19	0.81	Wassaw
1138	501621	3527056	501652	3527055	-0.13	0.64	-0.09	0.22	-0.11	0.54	Wassaw
1139	501622	3527106	501655	3527106	-0.13	0.74	-0.08	0.17	-0.08	0.31	Wassaw
1140	501618	3527156	501655	3527158	-0.20	0.69	-0.15	0.40	-0.16	0.67	Wassaw
1141	501613	3527206	501644	3527209	-0.14	0.43	-0.12	0.44	-0.08	0.41	Wassaw
1142	501605	3527255	501635	3527259	-0.13	0.35	-0.11	0.49	-0.06	0.28	Wassaw
1143	501598	3527305	501629	3527308	-0.15	0.53	-0.11	0.32	-0.08	0.33	Wassaw
1144	501592	3527354	501624	3527358	-0.11	0.59	-0.06	0.12	-0.05	0.19	Wassaw
1145	501589	3527404	501617	3527407	-0.08	0.50	-0.04	0.07	-0.06	0.32	Wassaw
1146	501574	3527451	501613	3527452	-0.19	0.46	-0.16	0.48	-0.10	0.40	Wassaw
1147	501574	3527501	501609	3527499	-0.14	0.54	-0.10	0.25	-0.06	0.19	Wassaw
1148	501576	3527551	501608	3527546	-0.08	0.43	-0.05	0.08	0.02	0.04	Wassaw
1149	501577	3527601	501607	3527592	-0.03	0.36	-0.02	0.01	0.10	0.34	Wassaw
1150	501586	3527650	501610	3527639	0.00	0.23	-0.01	0.00	0.11	0.47	Wassaw
1151	501601	3527698	501633	3527677	-0.07	0.54	-0.10	0.20	0.08	0.18	Wassaw
1152	501626	3527741	501668	3527705	-0.20	0.78	-0.24	0.46	-0.02	0.01	Wassaw
1153	501664	3527773	501704	3527727	-0.29	0.56	-0.32	0.66	-0.11	0.23	Wassaw
1154	501708	3527798	501738	3527747	-0.31	0.43	-0.32	0.66	-0.12	0.24	Wassaw
1155	501752	3527821	501777	3527764	-0.32	0.44	-0.34	0.65	-0.10	0.15	Wassaw
1156	501798	3527841	501818	3527777	-0.36	0.43	-0.39	0.72	-0.15	0.31	Wassaw
1157	501848	3527845	501861	3527788	-0.29	0.44	-0.32	0.72	-0.13	0.37	Wassaw
1158	501896	3527856	501906	3527797	-0.31	0.43	-0.34	0.80	-0.18	0.61	Wassaw
1159	501946	3527860	501953	3527804	-0.27	0.35	-0.31	0.82	-0.16	0.62	Wassaw
1160	501996	3527861	502001	3527808	-0.26	0.32	-0.30	0.85	-0.17	0.68	Wassaw
1161	502046	3527867	502051	3527807	-0.35	0.25	-0.37	0.93	-0.27	0.89	Wassaw
1162	502095	3527875	502104	3527806	-0.42	0.26	-0.44	0.92	-0.30	0.85	Wassaw
1163	502144	3527885	502159	3527807	-0.49	0.29	-0.52	0.92	-0.36	0.85	Wassaw
1164	502192	3527901	502213	3527814	-0.56	0.40	-0.59	0.90	-0.38	0.78	Wassaw
1165	502239	3527916	502268	3527828	-0.58	0.47	-0.62	0.89	-0.39	0.75	Wassaw
1166	502286	3527932	502330	3527838	-0.64	0.46	-0.65	0.93	-0.49	0.89	Wassaw
1167	502330	3527957	502385	3527881	-0.60	0.46	-0.61	0.92	-0.44	0.85	Wassaw
1168	502371	3527984	502444	3527920	-0.62	0.28	-0.62	0.95	-0.49	0.93	Wassaw
1169	502411	3528015	502503	3527967	-0.67	0.69	-0.67	0.90	-0.49	0.85	Wassaw
1170	502443	3528054	502541	3528028	-0.65	0.51	-0.63	0.92	-0.51	0.91	Wassaw
1171	502468	3528096	502550	3528090	-0.52	0.47	-0.49	0.92	-0.45	0.95	Wassaw
1172	502479	3528145	502536	3528155	-0.34	0.61	-0.29	0.79	-0.37	0.88	Wassaw
1173	502479	3528194	502509	3528208	-0.17	0.72	-0.14	0.46	-0.21	0.65	Wassaw
1174	502455	3528237	502474	3528253	0.03	0.42	0.05	0.19	0.04	0.23	Wassaw
1175	502413	3528263	502439	3528297	0.15	0.43	0.19	0.71	0.10	0.47	Wassaw
1176	502365	3528280	502400	3528340	0.34	0.55	0.39	0.86	0.26	0.81	Wassaw
1177	502319	3528298	502344	3528356	0.29	0.48	0.34	0.83	0.19	0.68	Wassaw
1178	502270	3528305	502293	3528368	0.35	0.40	0.39	0.89	0.25	0.81	Wassaw
1179	502220	3528311	502245	3528374	0.38	0.53	0.40	0.88	0.28	0.84	Wassaw
1180	502170	3528313	502202	3528378	0.44	0.48	0.45	0.84	0.29	0.75	Wassaw
1181	502120	3528313	502177	3528382	0.53	0.50	0.55	0.77	0.26	0.48	Wassaw
1182	502072	3528322	502160	3528384	0.63	0.64	0.67	0.76	0.29	0.40	Wassaw
1183	502044	3528361	502127	3528388	0.27	0.92	0.33	0.35	-0.10	0.06	Wassaw
1184	502049	3528407	502106	3528407	-0.16	0.68	-0.18	0.30	-0.36	0.72	Wassaw
1185	502052	3528452	502144	3528424	-0.55	0.51	-0.60	0.94	-0.47	0.94	Wassaw
1186	502066	3528497	502162	3528431	-0.74	0.54	-0.79	0.92	-0.56	0.88	Wassaw
1187	502113	3528514	502176	3528436	-0.64	0.54	-0.67	0.92	-0.50	0.90	Wassaw
1188	502163	3528517	502200	3528442	-0.52	0.44	-0.55	0.93	-0.41	0.91	Wassaw
1189	502213	3528520	502237	3528452	-0.44	0.33	-0.46	0.93	-0.34	0.90	Wassaw
1190	502263	3528524	502282	3528460	-0.39	0.47	-0.41	0.87	-0.27	0.81	Wassaw
1191	502312	3528528	502332	3528469	-0.37	0.45	-0.38	0.80	-0.22	0.65	Wassaw
1192	502362	3528535	502382	3528475	-0.35	0.48	-0.35	0.71	-0.17	0.43	Wassaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1193	502411	3528546	502432	3528493	-0.32	0.36	-0.32	0.70	-0.14	0.36	Wassaw
1194	502458	3528562	502479	3528512	-0.28	0.35	-0.29	0.66	-0.11	0.26	Wassaw
1195	502502	3528585	502529	3528540	-0.25	0.37	-0.26	0.60	-0.07	0.13	Wassaw
1196	502545	3528612	502580	3528568	-0.33	0.22	-0.33	0.89	-0.24	0.87	Wassaw
1197	502584	3528641	502637	3528594	-0.44	0.32	-0.41	0.96	-0.42	0.98	Wassaw
1198	502618	3528678	502694	3528625	-0.58	0.19	-0.58	0.99	-0.54	0.99	Wassaw
1200	502663	3528757	502724	3528748	-0.29	0.67	-0.25	0.48	-0.12	0.27	Wassaw
1201	502681	3528803	502726	3528809	-0.05	0.57	-0.03	0.01	0.11	0.27	Wassaw
1202	502634	3528800	502725	3528833	0.41	0.93	0.33	0.31	0.84	0.77	Wassaw
1203	502591	3528827	502707	3528890	0.86	1.16	0.74	0.63	1.35	0.86	Wassaw
1204	502548	3528851	502681	3528930	1.02	1.61	0.86	0.61	1.60	0.85	Wassaw
1205	502519	3528891	502645	3528963	0.95	1.44	0.81	0.73	1.32	0.88	Wassaw
1206	502505	3528939	502580	3528984	0.52	0.53	0.49	0.92	0.48	0.95	Wassaw
1207	502474	3528974	502527	3529006	-0.35	0.67	-0.29	0.74	-0.36	0.87	Wassaw
1208	502425	3528979	502524	3529033	-0.71	0.87	-0.68	0.81	-0.50	0.79	Wassaw
1209	502409	3529013	502522	3529052	-0.63	0.83	-0.59	0.78	-0.43	0.77	Wassaw
1210	502449	3529043	502521	3529066	-0.43	0.72	-0.39	0.74	-0.33	0.79	Wassaw
1211	502482	3529081	502519	3529093	-0.18	0.68	-0.13	0.34	-0.20	0.66	Wassaw
1212	502479	3529128	502521	3529147	0.17	0.70	0.23	0.63	0.08	0.16	Wassaw
1213	502451	3529170	502512	3529207	0.41	0.57	0.46	0.89	0.30	0.76	Wassaw
1214	502415	3529204	502474	3529253	0.44	0.46	0.49	0.92	0.36	0.88	Wassaw
1215	502369	3529217	502432	3529277	0.41	0.58	0.46	0.90	0.39	0.94	Wassaw
1216	502322	3529227	502376	3529299	0.57	0.41	0.58	0.94	0.69	0.96	Wassaw
1217	502275	3529245	502314	3529320	0.53	0.50	0.55	0.96	0.57	0.98	Wassaw
1218	502231	3529268	502283	3529407	NA	NA	NA	0.00	NA	0.00	Wassaw
1219	502184	3529257	502246	3529416	1.09	0.86	1.18	0.91	0.79	0.83	Wassaw
1220	502134	3529258	502203	3529411	1.05	1.09	1.16	0.92	0.80	0.84	Wassaw
1221	502084	3529264	502157	3529394	0.88	0.90	0.98	0.91	0.67	0.81	Wassaw
1222	502035	3529273	502119	3529387	0.89	1.34	1.00	0.90	0.79	0.87	Wassaw
1223	501988	3529288	502090	3529395	0.92	1.23	1.03	0.91	0.81	0.88	Wassaw
1224	501946	3529315	502061	3529403	0.90	1.03	1.00	0.92	0.74	0.87	Wassaw
1225	501926	3529361	502059	3529404	0.88	0.69	0.95	0.95	0.73	0.93	Wassaw
1226	501931	3529410	502047	3529410	0.74	0.53	0.79	0.97	0.74	0.98	Wassaw
1227	501970	3529437	502041	3529417	0.39	0.53	0.40	0.94	0.37	0.93	Wassaw
1228	502019	3529447	502047	3529432	0.02	0.63	0.01	0.01	0.01	0.01	Wassaw
1229	502043	3529488	502107	3529441	-0.46	0.47	-0.49	0.88	-0.32	0.80	Wassaw
1230	502075	3529527	502165	3529460	-0.72	0.55	-0.75	0.88	-0.48	0.79	Wassaw
1231	502116	3529554	502210	3529482	-0.77	0.53	-0.79	0.90	-0.56	0.86	Wassaw
1232	502160	3529579	502246	3529512	-0.70	0.42	-0.71	0.89	-0.48	0.82	Wassaw
1233	502204	3529603	502279	3529553	-0.57	0.52	-0.58	0.86	-0.37	0.73	Wassaw
1234	502247	3529628	502307	3529602	-0.39	0.32	-0.37	0.92	-0.34	0.94	Wassaw
1235	502273	3529667	502297	3529663	-0.01	0.24	0.01	0.01	-0.11	0.51	Wassaw
1236	502262	3529716	502315	3529719	0.22	0.40	0.26	0.70	0.08	0.20	Wassaw
1237	502247	3529763	502317	3529782	0.36	0.47	0.41	0.80	0.20	0.51	Wassaw
1238	502219	3529805	502299	3529841	0.48	0.52	0.54	0.86	0.31	0.69	Wassaw
1239	502188	3529844	502273	3529884	0.55	0.53	0.60	0.86	0.35	0.73	Wassaw
1240	502158	3529884	502247	3529930	0.58	0.50	0.63	0.85	0.35	0.66	Wassaw
1241	502124	3529920	502211	3529967	0.34	0.31	0.33	0.86	0.28	0.93	Wassaw
1242	502091	3529958	502164	3529995	0.51	0.16	0.53	0.99	0.46	0.98	Wassaw
1243	502072	3530003	502123	3530029	0.34	0.23	0.34	0.95	0.39	0.97	Wassaw
1244	502074	3530053	502103	3530065	0.29	0.28	0.31	0.86	0.27	0.96	Wassaw
1245	502083	3530102	502103	3530108	0.03	0.39	0.02	0.01	-0.06	0.25	Wassaw
1246	502084	3530152	502109	3530157	-0.03	0.60	-0.09	0.15	-0.16	0.59	Wassaw
1247	502092	3530201	502110	3530203	-0.01	0.31	-0.03	0.05	-0.08	0.54	Wassaw
1248	502093	3530251	502111	3530251	-0.04	0.25	-0.03	0.08	-0.08	0.66	Wassaw
1249	502097	3530301	502119	3530300	-0.16	0.28	-0.15	0.59	-0.20	0.92	Wassaw
1250	502099	3530351	502121	3530350	-0.18	0.26	-0.17	0.67	-0.21	0.94	Wassaw
1251	502103	3530401	502122	3530399	-0.10	0.24	-0.09	0.41	-0.13	0.87	Wassaw
1252	502103	3530451	502129	3530449	-0.13	0.40	-0.11	0.26	-0.17	0.82	Wassaw
1253	502105	3530501	502132	3530499	-0.18	0.45	-0.15	0.37	-0.21	0.86	Wassaw
1254	502110	3530551	502133	3530548	-0.20	0.41	-0.16	0.53	-0.17	0.86	Wassaw
1255	502110	3530601	502144	3530593	-0.35	0.27	-0.35	0.89	-0.30	0.96	Wassaw
1256	502113	3530650	502147	3530636	-0.31	0.49	-0.34	0.70	-0.26	0.87	Wassaw
1257	502113	3530700	502139	3530683	-0.29	0.44	-0.24	0.67	-0.28	0.93	Wassaw
1258	502111	3530750	502141	3530722	-0.41	0.46	-0.38	0.78	-0.45	0.96	Wassaw
1259	502117	3530800	502170	3530730	-0.42	0.75	-0.37	0.43	-0.80	0.79	Wassaw
1260	502144	3530841	502218	3530718	-0.96	0.93	-0.90	0.92	-0.88	0.95	Wassaw
1261	502190	3530856	502249	3530716	-1.00	0.91	-0.96	0.87	-0.75	0.87	Wassaw
1262	502235	3530835	502269	3530716	-0.81	0.74	-0.77	0.89	-0.65	0.91	Wassaw
1263	502283	3530842	502309	3530719	-0.84	0.56	-0.80	0.97	-0.84	0.98	Wassaw
1264	502333	3530842	502357	3530727	-0.77	0.76	-0.71	0.78	-1.11	0.90	Wassaw
1265	502379	3530857	502430	3530754	-0.74	1.17	-0.66	0.69	-1.13	0.85	Wassaw
1266	502368	3530902	502444	3530761	-0.82	1.13	-0.78	0.80	-1.16	0.89	Wassaw
1267	502337	3530940	502426	3530752	-0.74	1.16	-0.66	0.68	-1.13	0.85	Wassaw
1268	502368	3530974	502511	3530802	-1.53	1.55	-1.54	0.92	-1.25	0.92	Wassaw
1269	502408	3530948	502546	3530837	-0.85	0.68	-0.84	0.95	-0.74	0.96	Wassaw
1270	502448	3530920	502557	3530855	-0.81	0.43	-0.80	0.94	-0.65	0.94	Wassaw
1271	502489	3530946	502573	3530906	-0.58	0.49	-0.58	0.96	-0.50	0.94	Wassaw
1272	502497	3530994	502577	3530961	-0.53	0.34	-0.52	0.87	-0.70	0.94	Wassaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1273	502463	3531030	502574	3530982	-0.35	0.95	-0.25	0.25	-0.22	0.17	Wassaw
1274	502431	3531067	502564	3531008	-0.61	1.55	-0.54	0.28	-1.37	0.74	Wassaw
1275	502440	3531116	502530	3531074	-0.62	0.54	-0.56	0.86	-0.81	0.93	Wassaw
1276	502477	3531145	502540	3531106	-0.43	0.32	-0.44	0.92	-0.34	0.92	Wassaw
1277	502514	3531175	502581	3531118	-0.56	0.19	-0.57	0.97	-0.46	0.95	Wassaw
1278	502545	3531215	502611	3531129	-0.70	0.28	-0.73	0.97	-0.59	0.96	Wassaw
1279	502585	3531244	502639	3531142	-0.74	0.39	-0.78	0.98	-0.67	0.98	Wassaw
1280	502626	3531272	502666	3531156	-0.80	0.38	-0.84	0.98	-0.73	0.98	Wassaw
1281	502666	3531302	502699	3531155	-1.00	0.12	-1.01	1.00	-0.94	0.99	Wassaw
1282	502710	3531325	502732	3531172	-1.03	0.28	-1.04	0.98	-0.90	0.98	Wassaw
1283	502759	3531337	502763	3531178	-1.02	0.53	-0.99	0.98	-0.98	0.99	Wassaw
1284	502808	3531339	502801	3531186	-0.92	0.41	-0.89	0.93	-1.13	0.96	Wassaw
1285	502853	3531323	502831	3531186	-0.68	0.58	-0.67	0.83	-0.92	0.93	Wassaw
1286	502893	3531293	502859	3531177	-0.45	1.68	-0.45	0.59	-0.59	0.78	Wassaw
1287	502924	3531254	502881	3531160	-0.12	2.16	-0.16	0.11	-0.21	0.21	Wassaw
1288	502956	3531216	502911	3531146	0.02	0.29	0.01	0.01	0.10	0.52	Wassaw
1289	502995	3531184	502951	3531131	-0.16	0.39	-0.16	0.82	-0.16	0.85	Wassaw
1290	503035	3531155	502977	3531102	-0.41	0.23	-0.43	0.98	-0.39	0.98	Wassaw
1291	503066	3531116	503004	3531061	-0.25	0.73	-0.29	0.69	-0.11	0.22	Wassaw
1292	503096	3531075	503032	3531005	-0.17	0.85	-0.26	0.41	0.08	0.05	Wassaw
1293	503117	3531030	503055	3530959	0.19	2.85	-0.01	0.00	0.42	0.29	Wassaw
1294	503142	3530989	503079	3530906	-0.14	0.35	-0.18	0.57	-0.01	0.00	Wassaw
1295	503178	3530954	503121	3530868	0.10	0.89	0.00	0.00	0.30	0.47	Wassaw
1296	503214	3530918	503147	3530792	-0.46	0.18	-0.44	0.99	-0.43	0.98	Wassaw
1297	503253	3530932	503214	3530832	-0.04	0.57	-0.03	0.06	0.01	0.00	Wassaw
1298	503289	3530966	503254	3530852	-0.53	0.90	-0.49	0.82	-0.46	0.86	Wassaw
1299	503335	3530982	503304	3530843	-0.79	3.44	-0.66	0.46	-1.10	0.67	Wassaw
1300	503384	3530972	503350	3530835	-0.80	1.70	-0.69	0.51	-1.38	0.79	Wassaw
1301	503434	3530973	503378	3530831	-0.84	1.47	-0.73	0.56	-1.39	0.81	Wassaw
1302	503483	3530975	503417	3530820	-1.08	1.87	-0.99	0.84	-1.33	0.89	Wassaw
1303	503513	3530938	503435	3530792	-0.16	0.32	-0.15	0.55	-0.27	0.81	Wassaw
1304	503485	3530897	503435	3530792	-0.16	0.32	-0.16	0.56	-0.29	0.82	Wassaw
1305	503457	3530857	503430	3530795	-0.20	0.36	-0.20	0.56	-0.34	0.83	Wassaw
1306	503469	3530818	503454	3530786	0.03	0.39	-0.01	0.01	0.07	0.44	Wassaw
1307	503516	3530803	503494	3530756	-0.25	0.34	-0.27	0.93	-0.24	0.95	Wassaw
1308	503566	3530800	503533	3530733	-0.45	0.58	-0.47	0.94	-0.43	0.95	Wassaw
1309	503615	3530810	503585	3530746	-0.35	0.79	-0.32	0.54	-0.18	0.38	Wassaw
1310	503664	3530817	503639	3530750	-0.39	1.44	-0.24	0.25	-0.59	0.70	Wassaw
1311	503707	3530840	503664	3530734	-0.62	2.09	-0.75	0.68	-0.66	0.70	Wassaw
1312	503754	3530852	503700	3530706	-0.85	1.62	-0.92	0.69	-0.40	0.37	Wassaw
1313	503804	3530847	503745	3530675	-1.22	1.20	-1.24	0.88	-0.89	0.84	Wassaw
1314	503854	3530842	503792	3530655	-1.21	1.35	-1.26	0.81	-0.74	0.66	Wassaw
1315	503902	3530828	503850	3530616	-1.48	1.06	-1.54	0.87	-0.98	0.77	Wassaw
1316	503949	3530813	503918	3530585	-1.38	1.84	-1.46	0.65	-0.50	0.22	Wassaw
1317	503998	3530805	503995	3530516	-1.39	4.73	-1.42	0.54	-0.45	0.08	Wassaw
1318	504039	3530833	504090	3530622	-1.41	1.53	-1.37	0.84	-1.00	0.81	Wassaw
1319	504043	3530792	504090	3530622	-0.69	1.09	-0.62	0.84	-0.63	0.89	Wassaw
1320	504033	3530743	504090	3530622	-0.44	1.05	-0.35	0.64	-0.49	0.82	Wassaw
1321	504029	3530693	504066	3530590	0.78	1.91	0.86	0.57	0.68	0.72	Wassaw
1322	504055	3530706	504090	3530622	-0.48	1.05	-0.40	0.70	-0.51	0.84	Wassaw
1323	504061	3530755	504093	3530623	-0.81	1.11	-0.75	0.87	-0.71	0.91	Wassaw
1324	504098	3530785	504124	3530626	-1.06	0.84	-1.07	0.97	-1.17	0.98	Wassaw
1325	504148	3530781	504173	3530640	-0.94	1.12	-0.98	0.95	-0.95	0.97	Wassaw
1326	504196	3530768	504215	3530645	-0.78	1.25	-0.81	0.92	-0.76	0.93	Wassaw
1327	504244	3530758	504259	3530607	-0.81	0.77	-0.79	0.97	-0.84	0.97	Wassaw
1328	504293	3530751	504295	3530605	-0.95	1.07	-0.96	0.96	-0.96	0.97	Wassaw
1329	504343	3530753	504352	3530586	-1.12	1.25	-1.15	0.95	-1.22	0.97	Wassaw
1330	504392	3530763	504402	3530616	-0.98	0.94	-1.02	0.93	-0.81	0.93	Wassaw
1331	504441	3530757	504449	3530607	-0.98	1.53	-0.94	0.91	-1.04	0.92	Wassaw
1332	504490	3530745	504514	3530583	-1.09	1.11	-1.09	0.94	-1.28	0.96	Wassaw
1333	504537	3530728	504569	3530600	-0.86	1.28	-0.90	0.89	-1.01	0.94	Wassaw
1334	504584	3530713	504608	3530620	-0.54	1.27	-0.59	0.83	-0.57	0.89	Wassaw
1335	504633	3530715	504664	3530610	-0.64	1.13	-0.54	0.67	-0.88	0.89	Wassaw
1336	504681	3530727	504713	3530637	-0.60	1.25	-0.50	0.67	-0.55	0.83	Wassaw
1337	504730	3530735	504759	3530664	-0.13	0.77	-0.06	0.08	-0.17	0.50	Wassaw
1338	504779	3530747	504797	3530686	0.06	1.09	0.16	0.24	0.00	0.00	Wassaw
1339	504825	3530763	504835	3530712	-0.10	1.03	0.00	0.00	-0.11	0.22	Wassaw
1340	504857	3530799	504869	3530733	-0.36	0.96	-0.30	0.46	-0.18	0.39	Wassaw
1341	504899	3530798	504909	3530736	-0.15	1.76	-0.07	0.04	-0.09	0.08	Wassaw
1342	504941	3530825	504951	3530729	0.08	2.12	0.14	0.06	0.36	0.40	Wassaw
1343	504988	3530810	504987	3530715	0.16	2.22	0.21	0.10	0.57	0.52	Wassaw
1344	505037	3530799	505023	3530704	-0.05	2.30	0.01	0.00	0.45	0.35	Wassaw
1345	505077	3530826	505055	3530701	-0.24	2.40	-0.20	0.05	0.47	0.25	Wassaw
1346	505120	3530851	505102	3530711	-0.40	2.03	-0.37	0.13	0.39	0.17	Wassaw
1347	505167	3530862	505162	3530672	-0.51	2.72	-0.45	0.13	0.32	0.10	Wassaw
1348	505209	3530834	505217	3530670	-0.14	2.79	-0.15	0.02	0.67	0.35	Wassaw
1349	505251	3530807	505262	3530671	-0.19	2.98	-0.07	0.01	0.30	0.15	Wassaw
1350	505298	3530791	505304	3530677	-0.17	2.45	-0.06	0.01	0.23	0.13	Wassaw
1351	505343	3530808	505348	3530690	-0.18	3.52	0.00	0.00	-0.10	0.02	Wassaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1352	505390	3530823	505403	3530704	-0.07	1.29	0.06	0.02	-0.06	0.02	Wassaw
1353	505439	3530829	505455	3530725	0.06	1.43	0.20	0.21	0.15	0.12	Wassaw
1354	505489	3530827	505499	3530724	0.06	1.60	0.19	0.19	0.13	0.10	Wassaw
1355	505539	3530820	505542	3530723	-0.26	1.98	-0.13	0.07	-0.17	0.11	Wassaw
1356	505588	3530821	505579	3530676	-0.54	2.22	-0.41	0.37	-0.43	0.36	Wassaw
1357	505638	3530824	505622	3530720	-0.68	2.17	-0.57	0.56	-0.58	0.52	Wassaw
1358	505688	3530827	505662	3530701	-0.84	1.55	-0.79	0.84	-0.79	0.78	Wassaw
1359	505738	3530824	505697	3530687	-0.95	1.26	-0.93	0.93	-0.93	0.87	Wassaw
1360	505787	3530819	505734	3530675	-1.03	1.20	-1.03	0.95	-1.03	0.90	Wassaw
1361	505837	3530814	505761	3530661	-1.00	1.30	-1.07	0.92	-1.02	0.83	Wassaw
1362	505887	3530807	505804	3530662	-1.10	1.44	-1.21	0.92	-1.16	0.84	Wassaw
1363	505935	3530793	505837	3530634	-1.18	1.79	-1.33	0.89	-1.27	0.82	Wassaw
1364	505982	3530777	505868	3530607	-1.25	2.20	-1.44	0.87	-1.36	0.78	Wassaw
1365	506028	3530758	505896	3530583	-1.31	2.57	-1.52	0.85	-1.44	0.74	Wassaw
1366	506072	3530735	505926	3530556	-1.37	2.57	-1.59	0.85	-1.49	0.75	Wassaw
1367	506116	3530710	505958	3530529	-1.44	2.19	-1.65	0.88	-1.55	0.82	Wassaw
1368	506155	3530679	505993	3530498	-1.45	1.92	-1.65	0.90	-1.55	0.89	Wassaw
1369	506192	3530645	506030	3530469	-1.45	2.03	-1.62	0.91	-1.53	0.90	Wassaw
1370	506225	3530608	506066	3530448	-1.44	2.18	-1.56	0.91	-1.49	0.89	Wassaw
1371	506259	3530571	506091	3530422	-1.41	1.93	-1.35	0.92	-1.37	0.84	Wassaw
1372	506291	3530533	506112	3530398	-1.38	3.42	-1.33	0.80	-1.35	0.63	Wassaw
1373	506321	3530493	506132	3530378	-1.34	4.63	-1.33	0.69	-1.32	0.50	Wassaw
1374	506346	3530450	506146	3530363	-1.23	3.96	-1.30	0.75	-1.23	0.58	Wassaw
1375	506373	3530407	506162	3530348	-1.11	2.57	-1.29	0.80	-1.12	0.75	Wassaw
1376	506402	3530367	506163	3530335	-1.06	2.52	-1.33	0.72	-1.09	0.61	Wassaw
1377	506430	3530329	506160	3530329	-1.07	3.01	-1.40	0.65	-1.11	0.47	Wassaw
1378	506433	3530279	506155	3530320	-1.05	3.84	-1.47	0.58	-1.13	0.36	Wassaw
1379	506426	3530229	506147	3530305	-1.04	4.70	-1.52	0.54	-1.19	0.32	Wassaw
1380	506400	3530187	506139	3530289	-0.91	5.21	-1.41	0.48	-1.11	0.27	Wassaw
1381	506367	3530150	506128	3530268	-0.77	4.94	-1.26	0.44	-0.97	0.24	Wassaw
1382	506330	3530116	506112	3530243	-0.74	4.33	-1.18	0.47	-0.91	0.27	Wassaw
1383	506292	3530084	506093	3530214	-0.48	4.29	-0.93	0.34	-0.61	0.14	Wassaw
1384	506253	3530052	506071	3530183	-0.36	4.03	-0.79	0.29	-0.49	0.10	Wassaw
1385	506213	3530023	506043	3530149	-0.29	3.81	-0.70	0.26	-0.40	0.08	Wassaw
1386	506172	3529994	506017	3530117	-0.27	3.53	-0.65	0.26	-0.37	0.08	Wassaw
1387	506130	3529967	505991	3530082	-0.29	3.29	-0.65	0.28	-0.38	0.09	Wassaw
1388	506089	3529938	505962	3530050	-0.34	3.14	-0.67	0.31	-0.41	0.11	Wassaw
1389	506054	3529902	505932	3530014	-0.37	2.93	-0.69	0.35	-0.44	0.14	Wassaw
1390	506020	3529866	505900	3529979	-0.41	2.80	-0.71	0.39	-0.48	0.18	Wassaw
1391	505986	3529829	505867	3529945	-0.47	2.66	-0.75	0.45	-0.55	0.25	Wassaw
1392	505952	3529792	505833	3529911	-0.51	2.62	-0.79	0.49	-0.59	0.30	Wassaw
1393	505919	3529755	505796	3529878	-0.55	2.64	-0.84	0.53	-0.65	0.35	Wassaw
1394	505888	3529716	505758	3529844	-0.62	2.67	-0.90	0.56	-0.72	0.41	Wassaw
1395	505862	3529674	505720	3529808	-0.72	2.72	-1.01	0.61	-0.82	0.47	Wassaw
1396	505839	3529629	505683	3529770	-0.84	2.70	-1.12	0.67	-0.94	0.55	Wassaw
1397	505811	3529587	505646	3529732	-0.92	2.73	-1.20	0.69	-1.02	0.60	Wassaw
1398	505785	3529545	505612	3529694	-1.01	2.71	-1.29	0.73	-1.11	0.66	Wassaw
1399	505763	3529500	505582	3529653	-1.14	2.53	-1.40	0.78	-1.22	0.72	Wassaw
1400	505739	3529456	505556	3529613	-1.24	2.29	-1.48	0.82	-1.30	0.76	Wassaw
1401	505718	3529411	505532	3529576	-1.35	2.08	-1.57	0.85	-1.39	0.80	Wassaw
1402	505697	3529365	505505	3529547	-1.47	2.13	-1.70	0.86	-1.50	0.80	Wassaw
1403	505680	3529318	505475	3529514	-1.61	2.16	-1.84	0.86	-1.62	0.80	Wassaw
1404	505664	3529271	505442	3529488	-1.75	2.41	-2.00	0.86	-1.76	0.81	Wassaw
1405	505645	3529225	505397	3529475	-1.89	3.27	-2.21	0.83	-1.92	0.78	Wassaw
1406	505630	3529177	505361	3529444	-2.05	3.41	-2.38	0.84	-2.08	0.79	Wassaw
1407	505614	3529130	505336	3529393	-2.22	2.99	-2.52	0.87	-2.23	0.83	Wassaw
1408	505596	3529083	505304	3529349	-2.36	2.88	-2.65	0.89	-2.35	0.85	Wassaw
1409	505576	3529037	505269	3529308	-2.51	2.72	-2.79	0.90	-2.50	0.86	Wassaw
1410	505552	3528993	505233	3529264	-2.65	2.61	-2.91	0.91	-2.62	0.88	Wassaw
1411	505528	3528950	505198	3529217	-2.77	2.45	-3.01	0.92	-2.73	0.89	Wassaw
1412	505504	3528906	505174	3529184	-2.88	2.29	-3.11	0.93	-2.83	0.91	Wassaw
1413	505470	3528870	505151	3529145	-2.92	1.96	-3.11	0.95	-2.86	0.93	Wassaw
1414	505423	3528854	505125	3529119	-2.76	1.66	-2.93	0.96	-2.73	0.94	Wassaw
1415	505373	3528855	505107	3529102	-2.50	1.52	-2.65	0.97	-2.51	0.96	Wassaw
1416	505324	3528861	505093	3529088	-2.21	1.50	-2.35	0.97	-2.26	0.97	Wassaw
1417	505275	3528872	505077	3529073	-1.92	1.54	-2.05	0.96	-2.02	0.96	Wassaw
1418	505227	3528886	505061	3529059	-1.60	1.66	-1.72	0.92	-1.76	0.92	Wassaw
1419	505179	3528898	505042	3529041	-1.32	1.82	-1.44	0.84	-1.53	0.83	Wassaw
1420	505137	3528881	505011	3529011	-1.05	2.05	-1.16	0.68	-1.31	0.68	Wassaw
1421	505110	3528839	504977	3528977	-0.79	2.29	-0.90	0.46	-1.10	0.50	Wassaw
1422	505083	3528797	504946	3528945	-0.57	2.55	-0.67	0.26	-0.92	0.33	Wassaw
1423	505055	3528755	504917	3528916	-0.39	2.80	-0.49	0.13	-0.78	0.22	Wassaw
1424	505029	3528713	504889	3528889	-0.24	3.04	-0.34	0.06	-0.67	0.15	Wassaw
1425	505000	3528672	504862	3528862	-0.10	3.27	-0.21	0.02	-0.57	0.09	Wassaw
1426	504970	3528632	504835	3528839	0.01	3.46	-0.09	0.00	-0.48	0.06	Wassaw
1427	504939	3528593	504801	3528825	0.10	3.62	-0.01	0.00	-0.42	0.04	Wassaw
1428	504908	3528554	504767	3528810	0.20	3.80	0.09	0.00	-0.35	0.03	Wassaw
1429	504891	3528507	504743	3528800	0.27	3.95	0.15	0.01	-0.30	0.02	Wassaw
1430	504876	3528459	504719	3528790	0.34	4.07	0.22	0.01	-0.25	0.01	Wassaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1431	504851	3528416	504683	3528776	0.45	4.14	0.33	0.03	-0.15	0.00	Wassaw
1432	504812	3528389	504637	3528755	0.57	4.07	0.45	0.05	-0.03	0.00	Wassaw
1433	504762	3528395	504593	3528732	0.65	4.05	0.54	0.07	0.06	0.00	Wassaw
1434	504713	3528402	504551	3528710	0.75	4.10	0.63	0.09	0.15	0.00	Wassaw
1435	504663	3528402	504505	3528685	0.83	3.99	0.72	0.12	0.25	0.01	Wassaw
1436	504614	3528393	504455	3528658	0.91	3.96	0.80	0.15	0.33	0.02	Wassaw
1437	504566	3528378	504407	3528632	0.99	3.90	0.87	0.18	0.41	0.04	Wassaw
1438	504519	3528363	504364	3528605	1.04	3.69	0.94	0.22	0.49	0.05	Wassaw
1439	504475	3528339	504321	3528574	1.08	3.51	0.99	0.25	0.56	0.07	Wassaw
1440	504430	3528317	504281	3528544	1.11	3.29	1.03	0.29	0.62	0.09	Wassaw
1441	504385	3528294	504239	3528513	1.12	3.18	1.05	0.31	0.65	0.11	Wassaw
1442	504340	3528272	504200	3528484	1.13	3.03	1.06	0.34	0.70	0.14	Wassaw
1443	504295	3528251	504157	3528458	1.18	2.90	1.12	0.39	0.76	0.17	Wassaw
1444	504251	3528228	504115	3528432	1.23	2.68	1.18	0.44	0.84	0.22	Wassaw
1445	504208	3528202	504073	3528406	1.28	2.55	1.22	0.49	0.90	0.27	Wassaw
1446	504167	3528174	504033	3528381	1.32	2.42	1.26	0.53	0.96	0.32	Wassaw
1447	504125	3528146	503992	3528354	1.35	2.30	1.31	0.56	1.01	0.35	Wassaw
1448	504085	3528116	503949	3528326	1.39	2.27	1.36	0.60	1.07	0.39	Wassaw
1449	504045	3528087	503908	3528295	1.39	2.18	1.35	0.62	1.08	0.42	Wassaw
1450	504004	3528058	503864	3528266	1.43	1.97	1.40	0.66	1.14	0.48	Wassaw
1451	503965	3528026	503819	3528239	1.47	1.87	1.45	0.70	1.20	0.52	Wassaw
1452	503927	3527994	503776	3528212	1.52	1.76	1.50	0.73	1.25	0.56	Wassaw
1453	503888	3527963	503736	3528184	1.55	1.60	1.54	0.76	1.30	0.62	Wassaw
1454	503849	3527932	503696	3528155	1.57	1.46	1.57	0.79	1.34	0.66	Wassaw
1455	503811	3527899	503653	3528122	1.57	1.32	1.58	0.82	1.36	0.70	Wassaw
1456	503772	3527868	503610	3528091	1.59	1.22	1.61	0.84	1.40	0.74	Wassaw
1457	503732	3527838	503567	3528061	1.62	1.15	1.64	0.87	1.45	0.78	Wassaw
1458	503692	3527808	503527	3528032	1.65	1.08	1.67	0.88	1.49	0.81	Wassaw
1459	503655	3527774	503489	3528004	1.68	1.00	1.70	0.90	1.53	0.84	Wassaw
1460	503617	3527741	503449	3527974	1.71	0.89	1.74	0.92	1.58	0.88	Wassaw
1461	503580	3527709	503410	3527944	1.72	0.83	1.77	0.93	1.61	0.89	Wassaw
1462	503542	3527676	503367	3527913	1.76	0.82	1.80	0.94	1.65	0.90	Wassaw
1463	503505	3527643	503323	3527884	1.80	0.86	1.85	0.94	1.70	0.91	Wassaw
1464	503466	3527611	503281	3527854	1.86	0.81	1.90	0.95	1.76	0.93	Wassaw
1465	503427	3527580	503240	3527824	1.89	0.84	1.94	0.96	1.80	0.93	Wassaw
1466	503389	3527547	503200	3527791	1.91	0.83	1.96	0.96	1.83	0.94	Wassaw
1467	503352	3527514	503160	3527757	1.91	0.85	1.97	0.96	1.84	0.94	Wassaw
1468	503315	3527480	503119	3527723	1.93	0.85	2.00	0.97	1.88	0.95	Wassaw
1469	503278	3527447	503079	3527689	1.96	0.87	2.04	0.97	1.92	0.96	Wassaw
1470	503241	3527413	503038	3527656	1.98	0.85	2.06	0.97	1.94	0.96	Wassaw
1471	503204	3527379	503000	3527624	1.99	0.83	2.08	0.97	1.96	0.96	Wassaw
1472	503167	3527345	502962	3527593	2.02	0.78	2.11	0.97	1.99	0.96	Wassaw
1473	503130	3527311	502921	3527560	2.07	0.72	2.14	0.98	2.04	0.97	Wassaw
1474	503095	3527277	502881	3527527	2.09	0.70	2.16	0.98	2.06	0.97	Wassaw
1475	503060	3527241	502843	3527493	2.10	0.76	2.18	0.98	2.07	0.97	Wassaw
1476	503023	3527206	502804	3527463	2.13	0.88	2.23	0.98	2.12	0.96	Wassaw
1477	502986	3527173	502766	3527430	2.15	0.97	2.25	0.98	2.15	0.96	Wassaw
1478	502949	3527139	502733	3527397	2.15	0.98	2.25	0.98	2.16	0.96	Wassaw
1479	502914	3527104	502698	3527366	2.18	1.01	2.27	0.98	2.19	0.96	Wassaw
1480	502880	3527068	502661	3527334	2.19	1.14	2.29	0.98	2.21	0.96	Wassaw
1481	502844	3527032	502618	3527300	2.25	1.19	2.36	0.98	2.28	0.96	Wassaw
1482	502808	3526998	502577	3527270	2.30	1.23	2.42	0.98	2.33	0.96	Wassaw
1483	502773	3526962	502537	3527242	2.36	1.22	2.49	0.98	2.40	0.97	Wassaw
1484	502738	3526927	502500	3527211	2.39	1.26	2.52	0.98	2.43	0.97	Wassaw
1485	502702	3526893	502464	3527177	2.38	1.32	2.52	0.98	2.43	0.97	Wassaw
1486	502666	3526857	502427	3527140	2.38	1.29	2.52	0.98	2.43	0.97	Wassaw
1487	502631	3526822	502389	3527103	2.38	1.30	2.51	0.98	2.43	0.97	Wassaw
1488	502597	3526785	502348	3527070	2.41	1.50	2.57	0.97	2.48	0.96	Wassaw
1489	502563	3526749	502311	3527039	2.45	1.68	2.63	0.97	2.53	0.96	Wassaw
1490	502528	3526713	502274	3527007	2.48	1.67	2.66	0.97	2.55	0.96	Wassaw
1491	502494	3526676	502238	3526977	2.51	1.74	2.69	0.97	2.58	0.95	Wassaw
1492	502459	3526640	502199	3526944	2.54	1.94	2.75	0.96	2.62	0.94	Wassaw
1493	502424	3526605	502159	3526912	2.59	2.07	2.81	0.95	2.67	0.94	Wassaw
1494	502388	3526570	502120	3526877	2.63	2.16	2.86	0.95	2.72	0.94	Wassaw
1495	502353	3526534	502082	3526843	2.65	2.25	2.88	0.95	2.74	0.93	Wassaw
1496	502321	3526496	502044	3526809	2.68	2.39	2.93	0.95	2.78	0.92	Wassaw
1497	502285	3526461	502004	3526772	2.71	2.46	2.97	0.94	2.81	0.92	Wassaw
1498	502251	3526425	501963	3526737	2.75	2.46	3.01	0.95	2.85	0.93	Wassaw
1499	502216	3526389	501927	3526703	2.79	2.52	3.05	0.94	2.89	0.92	Wassaw
1500	502181	3526353	501892	3526671	2.84	2.52	3.10	0.95	2.94	0.92	Wassaw
1501	502146	3526318	501855	3526636	2.86	2.55	3.12	0.95	2.96	0.92	Wassaw
1502	502111	3526282	501819	3526602	2.89	2.70	3.16	0.94	3.00	0.91	Wassaw
1503	502076	3526247	501784	3526568	2.92	2.81	3.19	0.94	3.03	0.90	Wassaw
1504	502043	3526209	501746	3526537	2.98	2.87	3.26	0.94	3.09	0.90	Wassaw
1505	502010	3526172	501712	3526508	3.04	2.88	3.32	0.94	3.14	0.90	Wassaw
1506	501975	3526136	501675	3526473	3.06	2.84	3.35	0.94	3.15	0.90	Wassaw
1507	501942	3526098	501637	3526441	3.12	2.72	3.40	0.94	3.21	0.91	Wassaw
1508	501909	3526061	501598	3526407	3.17	2.88	3.45	0.94	3.24	0.90	Wassaw
1509	501874	3526025	501553	3526372	3.24	2.97	3.53	0.94	3.30	0.89	Wassaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1510	501841	3525987	501516	3526339	3.27	3.11	3.57	0.93	3.33	0.88	Wassaw
1511	501808	3525950	501481	3526305	3.29	3.16	3.59	0.93	3.34	0.87	Wassaw
1512	501776	3525912	501443	3526268	3.32	3.17	3.62	0.93	3.36	0.86	Wassaw
1513	501743	3525874	501401	3526225	3.34	3.08	3.63	0.93	3.36	0.87	Wassaw
1514	501710	3525837	501355	3526179	3.36	3.04	3.66	0.93	3.38	0.86	Wassaw
1515	501678	3525798	501314	3526144	3.42	3.13	3.72	0.92	3.42	0.86	Wassaw
1516	501647	3525759	501277	3526110	3.45	3.19	3.76	0.92	3.45	0.85	Wassaw
1517	501615	3525721	501246	3526074	3.44	3.25	3.76	0.92	3.44	0.84	Wassaw
1518	501581	3525684	501218	3526041	3.45	3.25	3.76	0.92	3.44	0.84	Wassaw
1519	501546	3525648	501191	3526006	3.42	3.13	3.73	0.92	3.41	0.85	Wassaw
1520	501512	3525611	501161	3525968	3.41	3.00	3.69	0.92	3.38	0.85	Wassaw
1521	501480	3525573	501115	3525928	3.46	3.05	3.74	0.92	3.41	0.84	Wassaw
1522	501448	3525535	501077	3525898	3.52	3.10	3.80	0.91	3.44	0.82	Wassaw
1523	501415	3525497	501045	3525871	3.58	3.03	3.86	0.91	3.49	0.82	Wassaw
1524	501385	3525457	501007	3525842	3.65	2.93	3.93	0.90	3.53	0.82	Wassaw
1525	501352	3525420	500972	3525809	3.69	3.02	3.98	0.90	3.57	0.82	Wassaw
1526	501320	3525381	500933	3525765	3.69	3.16	4.00	0.90	3.58	0.81	Wassaw
1527	501290	3525341	500898	3525718	3.67	3.32	3.98	0.89	3.56	0.80	Wassaw
1528	501260	3525301	500855	3525675	3.72	3.32	4.03	0.89	3.61	0.80	Wassaw
1529	501230	3525261	500815	3525637	3.72	3.29	4.05	0.89	3.60	0.80	Wassaw
1530	501199	3525222	500793	3525609	3.58	3.17	3.92	0.90	3.52	0.82	Wassaw
1531	501168	3525183	500769	3525579	3.58	3.13	3.92	0.90	3.52	0.82	Wassaw
1532	501137	3525143	500742	3525547	3.58	3.23	3.93	0.90	3.53	0.82	Wassaw
1533	501108	3525103	500718	3525522	3.59	3.41	3.96	0.90	3.55	0.82	Wassaw
1534	501077	3525064	500682	3525488	3.63	3.40	4.00	0.90	3.59	0.82	Wassaw
1535	501046	3525025	500656	3525467	3.68	3.47	4.07	0.90	3.66	0.83	Wassaw
1536	501020	3524982	500640	3525454	3.76	3.69	4.17	0.90	3.75	0.83	Wassaw
1537	501015	3524973	500636	3525451	3.77	3.73	4.19	0.90	3.77	0.83	Wassaw
1538	488101	3510235	488052	3510358	0.24	1.68	0.34	0.14	0.09	0.01	Ossabaw
1539	488068	3510198	488010	3510341	0.39	1.81	0.50	0.23	0.23	0.04	Ossabaw
1540	488035	3510160	487967	3510323	0.59	1.89	0.72	0.38	0.45	0.12	Ossabaw
1541	488003	3510121	487924	3510306	0.69	2.13	0.85	0.40	0.54	0.14	Ossabaw
1542	487971	3510083	487881	3510288	0.77	2.36	0.98	0.40	0.60	0.13	Ossabaw
1543	487939	3510045	487838	3510268	0.87	2.55	1.11	0.41	0.69	0.15	Ossabaw
1544	487903	3510011	487792	3510247	1.00	2.71	1.28	0.46	0.83	0.19	Ossabaw
1545	487867	3509976	487750	3510227	1.10	2.92	1.42	0.50	0.96	0.23	Ossabaw
1546	487836	3509937	487710	3510208	1.17	3.15	1.52	0.51	1.04	0.25	Ossabaw
1547	487805	3509897	487670	3510190	1.26	3.38	1.64	0.54	1.15	0.28	Ossabaw
1548	487771	3509860	487628	3510171	1.35	3.54	1.75	0.56	1.25	0.31	Ossabaw
1549	487737	3509824	487585	3510151	1.43	3.77	1.86	0.59	1.35	0.35	Ossabaw
1550	487699	3509791	487540	3510130	1.54	3.82	1.97	0.62	1.47	0.41	Ossabaw
1551	487659	3509762	487500	3510111	1.63	3.84	2.06	0.65	1.58	0.46	Ossabaw
1552	487620	3509731	487466	3510095	1.73	3.92	2.16	0.69	1.71	0.52	Ossabaw
1553	487576	3509707	487430	3510078	1.83	3.74	2.25	0.73	1.83	0.58	Ossabaw
1554	487535	3509679	487394	3510067	1.97	3.80	2.39	0.76	1.99	0.64	Ossabaw
1555	487493	3509652	487362	3510056	2.12	3.77	2.53	0.80	2.16	0.69	Ossabaw
1556	487448	3509629	487321	3510043	2.25	3.65	2.66	0.83	2.31	0.74	Ossabaw
1557	487401	3509612	487274	3510029	2.41	3.31	2.78	0.86	2.46	0.79	Ossabaw
1558	487354	3509594	487227	3510015	2.56	3.12	2.90	0.89	2.63	0.84	Ossabaw
1559	487305	3509585	487181	3510001	2.69	2.64	2.98	0.92	2.74	0.88	Ossabaw
1560	487259	3509566	487141	3509989	2.80	2.43	3.07	0.94	2.85	0.90	Ossabaw
1561	487212	3509550	487106	3509979	2.89	2.23	3.14	0.95	2.94	0.93	Ossabaw
1562	487164	3509537	487071	3509969	2.95	2.12	3.18	0.96	3.00	0.93	Ossabaw
1563	487117	3509519	487037	3509964	3.03	1.96	3.24	0.96	3.06	0.94	Ossabaw
1564	487071	3509500	487006	3509960	3.11	1.77	3.30	0.97	3.14	0.95	Ossabaw
1565	487024	3509482	486977	3509956	3.19	1.57	3.36	0.97	3.20	0.96	Ossabaw
1566	486976	3509468	486950	3509952	3.25	1.45	3.40	0.98	3.26	0.96	Ossabaw
1567	486928	3509457	486932	3509950	3.31	1.45	3.43	0.98	3.31	0.96	Ossabaw
1568	486878	3509464	486922	3509949	3.26	1.60	3.39	0.98	3.25	0.95	Ossabaw
1569	486831	3509480	486917	3509950	3.19	1.68	3.31	0.97	3.14	0.93	Ossabaw
1570	486786	3509500	486910	3509952	3.14	1.91	3.24	0.95	3.05	0.91	Ossabaw
1571	486756	3509539	486900	3509956	2.94	2.23	3.05	0.92	2.81	0.84	Ossabaw
1572	486729	3509582	486881	3509964	2.69	2.56	2.81	0.87	2.52	0.75	Ossabaw
1573	486708	3509627	486860	3509973	2.40	2.59	2.54	0.82	2.21	0.67	Ossabaw
1574	486684	3509671	486833	3509985	2.04	2.36	2.20	0.75	1.82	0.56	Ossabaw
1575	486671	3509719	486808	3509996	1.67	2.22	1.87	0.69	1.47	0.46	Ossabaw
1576	486656	3509766	486790	3510005	1.38	2.13	1.59	0.65	1.21	0.41	Ossabaw
1577	486636	3509812	486772	3510015	1.18	1.95	1.38	0.64	1.04	0.41	Ossabaw
1578	486623	3509860	486751	3510027	1.00	1.68	1.18	0.63	0.88	0.39	Ossabaw
1579	486611	3509909	486733	3510044	0.93	1.38	1.07	0.67	0.83	0.45	Ossabaw
1580	486593	3509956	486716	3510062	0.81	1.28	0.94	0.68	0.73	0.45	Ossabaw
1581	486576	3510002	486693	3510085	0.83	12.92	0.77	0.70	0.42	0.43	Ossabaw
1582	486556	3510048	486674	3510117	0.87	0.65	0.92	0.90	0.59	0.78	Ossabaw
1583	486538	3510093	486660	3510150	0.85	0.58	0.90	0.93	0.63	0.85	Ossabaw
1584	486526	3510141	486645	3510187	0.70	0.82	0.79	0.84	0.40	0.57	Ossabaw
1585	486525	3510190	486631	3510230	0.66	0.65	0.72	0.82	0.36	0.53	Ossabaw
1586	486507	3510237	486613	3510286	0.73	0.60	0.76	0.86	0.48	0.75	Ossabaw
1587	486481	3510279	486593	3510336	0.79	0.95	0.80	0.89	0.61	0.87	Ossabaw
1588	486451	3510319	486561	3510381	0.79	0.85	0.77	0.95	0.76	0.96	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1589	486421	3510358	486521	3510426	0.74	1.39	0.62	0.75	0.90	0.88	Ossabaw
1590	486402	3510404	486495	3510477	0.65	1.76	0.50	0.55	0.89	0.80	Ossabaw
1591	486381	3510448	486466	3510511	0.58	1.66	0.45	0.54	0.80	0.79	Ossabaw
1592	486377	3510496	486440	3510542	0.36	1.50	0.25	0.33	0.49	0.68	Ossabaw
1593	486359	3510542	486409	3510578	0.27	1.50	0.16	0.16	0.36	0.56	Ossabaw
1594	486341	3510588	486386	3510616	0.15	1.28	0.07	0.05	0.24	0.43	Ossabaw
1595	486315	3510631	486359	3510651	-0.03	1.04	-0.07	0.10	-0.04	0.03	Ossabaw
1596	486291	3510675	486341	3510694	-0.04	1.03	-0.05	0.02	-0.23	0.46	Ossabaw
1597	486269	3510719	486332	3510741	0.04	1.43	0.05	0.02	-0.19	0.25	Ossabaw
1598	486248	3510765	486324	3510788	0.12	1.93	0.12	0.06	-0.12	0.08	Ossabaw
1599	486230	3510810	486307	3510834	0.12	1.49	0.13	0.13	-0.02	0.01	Ossabaw
1600	486212	3510856	486296	3510883	0.24	2.51	0.31	0.30	0.31	0.39	Ossabaw
1601	486193	3510902	486277	3510928	0.17	2.01	0.24	0.27	0.22	0.35	Ossabaw
1602	486186	3510952	486270	3510983	0.36	1.95	0.38	0.46	0.59	0.69	Ossabaw
1603	486182	3511001	486256	3511023	0.58	1.69	0.42	0.48	0.31	0.24	Ossabaw
1604	486178	3511049	486258	3511075	-0.11	1.08	-0.06	0.01	-0.43	0.47	Ossabaw
1605	486149	3511084	486240	3511111	0.07	2.76	0.16	0.08	0.15	0.11	Ossabaw
1606	486163	3511126	486225	3511150	0.01	2.18	0.02	0.00	0.04	0.02	Ossabaw
1607	486140	3511170	486282	3511242	0.76	1.42	0.86	0.68	0.39	0.32	Ossabaw
1608	486144	3511219	486217	3511261	0.02	1.67	0.11	0.11	0.02	0.01	Ossabaw
1609	486140	3511267	486199	3511294	-0.21	1.74	-0.13	0.13	-0.18	0.34	Ossabaw
1610	486122	3511312	486156	3511324	-0.04	0.75	0.00	0.00	-0.10	0.38	Ossabaw
1611	486120	3511360	486154	3511367	-0.03	0.80	0.01	0.00	-0.11	0.38	Ossabaw
1612	486120	3511408	486165	3511412	-0.04	1.09	0.02	0.01	-0.17	0.41	Ossabaw
1613	486111	3511458	486169	3511464	0.12	0.33	0.14	0.79	0.12	0.59	Ossabaw
1615	486082	3511543	486142	3511557	0.14	0.28	0.17	0.82	0.11	0.74	Ossabaw
1616	486068	3511586	486154	3511610	0.21	1.34	0.34	0.47	0.09	0.11	Ossabaw
1617	486063	3511628	486134	3511655	0.07	1.83	0.20	0.18	-0.01	0.00	Ossabaw
1618	486049	3511671	486116	3511694	-0.20	2.08	-0.10	0.05	-0.27	0.44	Ossabaw
1619	486007	3511689	486121	3511749	-0.54	2.35	-0.31	0.14	-1.06	0.72	Ossabaw
1620	486009	3511737	486049	3511758	-0.09	0.97	-0.02	0.00	-0.17	0.50	Ossabaw
1621	485977	3511770	486018	3511794	0.14	0.92	0.18	0.49	0.12	0.44	Ossabaw
1622	485955	3511813	485989	3511831	0.08	0.65	0.11	0.27	-0.03	0.05	Ossabaw
1623	485926	3511852	485961	3511871	-0.02	0.92	0.03	0.02	-0.15	0.39	Ossabaw
1624	485908	3511895	485943	3511912	-0.06	0.92	-0.02	0.01	-0.17	0.50	Ossabaw
1625	485892	3511942	485920	3511952	-0.04	0.76	-0.01	0.00	-0.09	0.35	Ossabaw
1626	485877	3511989	485908	3511998	-0.06	0.62	-0.02	0.01	-0.13	0.55	Ossabaw
1627	485867	3512037	485896	3512042	-0.04	0.52	-0.01	0.00	-0.15	0.56	Ossabaw
1628	485859	3512086	485887	3512090	-0.02	0.63	0.02	0.01	-0.03	0.08	Ossabaw
1629	485845	3512134	485883	3512143	-0.10	0.61	-0.05	0.04	-0.11	0.50	Ossabaw
1630	485816	3512174	485879	3512205	NA	NA	NA	0.00	NA	0.00	Ossabaw
1632	485734	3512211	485793	3512312	-0.14	2.01	-0.27	0.31	-0.41	0.34	Ossabaw
1633	485685	3512201	485718	3512361	-1.04	0.93	-0.95	0.91	-1.22	0.96	Ossabaw
1634	485635	3512200	485644	3512372	-1.11	0.95	-1.00	0.91	-1.31	0.96	Ossabaw
1635	485590	3512220	485599	3512366	-0.92	1.25	-0.80	0.81	-1.16	0.93	Ossabaw
1636	485549	3512248	485561	3512340	-0.51	1.86	-0.36	0.39	-0.67	0.81	Ossabaw
1637	485505	3512270	485539	3512338	-0.23	1.58	-0.10	0.05	-0.35	0.61	Ossabaw
1638	485467	3512303	485520	3512370	-0.04	1.46	0.09	0.05	-0.23	0.36	Ossabaw
1639	485447	3512349	485517	3512417	0.05	2.37	0.14	0.06	0.33	0.35	Ossabaw
1640	485423	3512393	485492	3512437	-0.28	2.59	-0.18	0.11	-0.27	0.34	Ossabaw
1641	485388	3512428	485468	3512457	-0.41	2.45	-0.27	0.22	-0.49	0.64	Ossabaw
1642	485367	3512468	485422	3512487	-0.06	1.30	0.01	0.00	-0.11	0.22	Ossabaw
1643	485377	3512516	485442	3512536	-0.01	1.44	0.04	0.02	0.06	0.07	Ossabaw
1644	485367	3512563	485420	3512575	-0.15	1.38	-0.11	0.15	-0.07	0.08	Ossabaw
1645	485350	3512607	485397	3512631	-0.20	1.68	-0.15	0.19	-0.18	0.34	Ossabaw
1646	485316	3512643	485353	3512686	-0.06	1.98	0.00	0.00	-0.12	0.14	Ossabaw
1647	485274	3512670	485303	3512721	-0.16	1.80	-0.10	0.07	-0.23	0.41	Ossabaw
1648	485227	3512673	485264	3512727	-0.36	1.70	-0.29	0.44	-0.39	0.70	Ossabaw
1649	485181	3512688	485216	3512749	-0.05	1.09	-0.01	0.00	-0.09	0.23	Ossabaw
1650	485163	3512733	485201	3512772	-0.29	1.44	-0.23	0.38	-0.34	0.71	Ossabaw
1651	485138	3512775	485174	3512810	-0.15	1.45	-0.08	0.06	-0.15	0.34	Ossabaw
1652	485109	3512811	485150	3512847	-0.05	1.23	0.05	0.03	-0.15	0.32	Ossabaw
1653	485062	3512824	485111	3512885	0.12	1.51	0.24	0.27	-0.05	0.03	Ossabaw
1654	485028	3512861	485067	3512904	0.01	1.10	0.12	0.13	-0.15	0.26	Ossabaw
1655	484992	3512896	485016	3512931	0.01	0.87	0.08	0.13	-0.05	0.11	Ossabaw
1656	484950	3512923	484979	3512966	0.10	1.13	0.17	0.32	0.10	0.28	Ossabaw
1657	484904	3512930	484945	3512993	0.27	1.40	0.35	0.53	0.36	0.72	Ossabaw
1658	484856	3512914	484925	3513007	0.49	2.29	0.60	0.54	0.70	0.76	Ossabaw
1659	484837	3512954	484885	3513012	0.30	1.05	0.37	0.68	0.36	0.83	Ossabaw
1660	484826	3513002	484854	3513043	0.15	0.71	0.21	0.57	0.16	0.67	Ossabaw
1661	484785	3513002	484844	3513085	0.43	1.17	0.48	0.81	0.42	0.86	Ossabaw
1662	484743	3513009	484799	3513109	0.67	0.37	0.67	0.94	0.77	0.96	Ossabaw
1663	484712	3513018	484751	3513095	0.45	1.07	0.44	0.57	0.77	0.81	Ossabaw
1664	484690	3513039	484717	3513112	0.26	1.61	0.26	0.25	0.60	0.65	Ossabaw
1665	484648	3513063	484678	3513133	0.35	1.12	0.39	0.74	0.28	0.71	Ossabaw
1666	484606	3513090	484637	3513167	0.52	0.68	0.54	0.93	0.57	0.96	Ossabaw
1667	484566	3513120	484600	3513185	0.42	1.09	0.44	0.83	0.45	0.87	Ossabaw
1668	484524	3513147	484552	3513205	0.37	1.07	0.38	0.78	0.44	0.85	Ossabaw
1669	484482	3513173	484509	3513223	0.31	0.96	0.33	0.71	0.42	0.84	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1670	484438	3513195	484472	3513248	0.35	0.90	0.37	0.74	0.47	0.87	Ossabaw
1671	484394	3513219	484432	3513271	0.16	1.17	0.25	0.44	0.17	0.47	Ossabaw
1672	484347	3513231	484401	3513306	0.57	1.03	0.59	0.81	0.75	0.90	Ossabaw
1673	484305	3513258	484370	3513335	0.58	1.07	0.64	0.87	0.65	0.94	Ossabaw
1674	484260	3513277	484322	3513367	0.67	0.78	0.71	0.92	0.76	0.96	Ossabaw
1675	484215	3513296	484279	3513416	0.85	0.83	0.92	0.95	0.83	0.96	Ossabaw
1676	484169	3513309	484235	3513432	0.88	0.79	0.93	0.95	0.92	0.97	Ossabaw
1677	484120	3513317	484186	3513437	0.86	0.55	0.89	0.96	0.96	0.98	Ossabaw
1678	484072	3513330	484136	3513454	0.89	0.85	0.92	0.95	0.97	0.97	Ossabaw
1679	484025	3513337	484112	3513473	1.03	0.55	1.05	0.96	1.17	0.98	Ossabaw
1680	483981	3513359	484083	3513495	1.10	0.46	1.12	0.98	1.18	0.99	Ossabaw
1681	483934	3513375	484051	3513520	1.19	0.57	1.20	0.99	1.25	0.99	Ossabaw
1682	483889	3513396	484016	3513547	1.28	0.62	1.28	0.99	1.33	0.99	Ossabaw
1683	483845	3513419	483987	3513572	1.36	0.53	1.31	0.99	1.43	0.99	Ossabaw
1684	483822	3513460	483960	3513595	1.25	0.30	1.23	1.00	1.24	1.00	Ossabaw
1685	483805	3513506	483936	3513622	1.11	0.43	1.10	0.98	1.00	0.98	Ossabaw
1686	483792	3513554	483918	3513646	0.99	0.49	0.97	0.96	0.86	0.97	Ossabaw
1687	483785	3513600	483901	3513669	0.86	0.67	0.85	0.93	0.68	0.91	Ossabaw
1688	483783	3513649	483882	3513698	0.68	0.62	0.69	0.89	0.48	0.81	Ossabaw
1689	483783	3513699	483872	3513730	0.54	0.60	0.57	0.82	0.31	0.57	Ossabaw
1690	483782	3513749	483861	3513765	0.45	0.56	0.47	0.79	0.24	0.51	Ossabaw
1691	483785	3513799	483855	3513804	0.33	0.63	0.34	0.65	0.11	0.17	Ossabaw
1692	483785	3513849	483857	3513845	0.22	0.81	0.31	0.45	-0.06	0.03	Ossabaw
1693	483795	3513898	483862	3513887	0.24	0.79	0.31	0.54	0.00	0.00	Ossabaw
1694	483809	3513946	483874	3513931	0.13	0.98	0.24	0.30	-0.15	0.15	Ossabaw
1695	483820	3513994	483887	3513975	0.17	0.97	0.27	0.43	-0.05	0.03	Ossabaw
1696	483845	3514037	483901	3514021	0.12	0.87	0.21	0.34	-0.10	0.10	Ossabaw
1697	483869	3514081	483917	3514068	0.03	0.96	0.12	0.13	-0.21	0.29	Ossabaw
1698	483891	3514126	483932	3514114	0.03	0.83	0.11	0.15	-0.15	0.26	Ossabaw
1699	483914	3514170	483950	3514160	0.00	0.69	0.06	0.09	-0.14	0.31	Ossabaw
1700	483934	3514216	483973	3514206	-0.06	0.76	0.00	0.00	-0.23	0.48	Ossabaw
1701	483957	3514261	483989	3514249	-0.04	0.62	0.01	0.01	-0.16	0.43	Ossabaw
1702	483981	3514305	484011	3514292	-0.10	0.52	-0.06	0.12	-0.21	0.62	Ossabaw
1703	483999	3514351	484033	3514339	-0.05	0.64	-0.03	0.05	-0.13	0.45	Ossabaw
1704	484015	3514399	484055	3514384	-0.15	0.80	-0.13	0.30	-0.30	0.66	Ossabaw
1705	484033	3514445	484075	3514427	-0.18	0.80	-0.17	0.43	-0.33	0.72	Ossabaw
1706	484051	3514492	484092	3514477	-0.19	0.70	-0.18	0.50	-0.33	0.76	Ossabaw
1707	484069	3514538	484107	3514525	-0.18	0.64	-0.17	0.55	-0.30	0.77	Ossabaw
1708	484094	3514582	484123	3514569	-0.15	0.49	-0.15	0.61	-0.24	0.79	Ossabaw
1709	484115	3514627	484150	3514614	-0.17	0.54	-0.18	0.58	-0.28	0.80	Ossabaw
1710	484135	3514673	484169	3514657	-0.15	0.46	-0.16	0.46	-0.29	0.78	Ossabaw
1711	484157	3514718	484185	3514704	-0.08	0.19	-0.06	0.28	-0.17	0.74	Ossabaw
1712	484179	3514763	484206	3514750	-0.10	0.32	-0.09	0.34	-0.21	0.73	Ossabaw
1713	484203	3514806	484232	3514793	-0.12	0.24	-0.10	0.41	-0.23	0.78	Ossabaw
1714	484224	3514852	484239	3514843	-0.02	0.15	-0.01	0.06	-0.06	0.57	Ossabaw
1715	484249	3514895	484267	3514886	-0.06	0.19	-0.07	0.61	-0.10	0.82	Ossabaw
1716	484269	3514941	484293	3514929	-0.09	0.34	-0.11	0.65	-0.12	0.81	Ossabaw
1717	484292	3514985	484314	3514973	-0.09	0.24	-0.09	0.51	-0.15	0.79	Ossabaw
1718	484315	3515029	484341	3515014	-0.08	0.24	-0.08	0.33	-0.18	0.74	Ossabaw
1719	484343	3515071	484369	3515054	-0.10	0.39	-0.10	0.37	-0.21	0.73	Ossabaw
1720	484372	3515112	484394	3515097	-0.09	0.21	-0.07	0.28	-0.19	0.74	Ossabaw
1721	484396	3515156	484417	3515140	-0.06	0.23	-0.06	0.24	-0.15	0.70	Ossabaw
1722	484420	3515199	484448	3515182	-0.10	0.43	-0.09	0.31	-0.22	0.70	Ossabaw
1723	484443	3515243	484483	3515221	-0.17	0.72	-0.16	0.38	-0.33	0.71	Ossabaw
1724	484466	3515288	484512	3515262	-0.23	0.88	-0.22	0.49	-0.40	0.75	Ossabaw
1725	484489	3515332	484527	3515313	-0.16	0.72	-0.16	0.39	-0.31	0.72	Ossabaw
1726	484513	3515376	484553	3515355	-0.04	1.03	-0.04	0.03	-0.23	0.44	Ossabaw
1727	484538	3515419	484579	3515396	-0.05	1.15	-0.06	0.05	-0.20	0.41	Ossabaw
1728	484568	3515459	484604	3515438	-0.11	0.97	-0.11	0.22	-0.23	0.56	Ossabaw
1729	484588	3515505	484630	3515480	-0.11	1.21	-0.11	0.15	-0.27	0.51	Ossabaw
1730	484605	3515551	484649	3515525	-0.06	1.38	-0.06	0.03	-0.27	0.42	Ossabaw
1731	484629	3515595	484678	3515567	-0.02	1.46	-0.02	0.00	-0.25	0.35	Ossabaw
1732	484655	3515637	484705	3515606	0.00	1.73	0.01	0.00	-0.25	0.29	Ossabaw
1733	484684	3515678	484734	3515646	-0.06	1.82	-0.04	0.01	-0.27	0.33	Ossabaw
1734	484713	3515718	484756	3515690	-0.06	1.46	-0.02	0.00	-0.24	0.34	Ossabaw
1735	484741	3515760	484779	3515731	-0.06	1.37	-0.03	0.01	-0.21	0.34	Ossabaw
1736	484768	3515802	484809	3515770	-0.07	1.53	-0.04	0.02	-0.20	0.30	Ossabaw
1737	484801	3515839	484843	3515806	-0.02	1.39	-0.03	0.01	-0.20	0.32	Ossabaw
1738	484844	3515863	484877	3515837	NA	NA	NA	0.00	NA	0.00	Ossabaw
1741	484915	3515995	484966	3515971	NA	NA	NA	0.00	NA	0.00	Ossabaw
1742	484919	3516044	484974	3516020	-0.42	1.36	-0.36	0.68	-0.28	0.34	Ossabaw
1743	484928	3516093	484999	3516065	-0.58	1.85	-0.48	0.67	-0.37	0.33	Ossabaw
1744	484941	3516141	485016	3516121	-0.55	1.82	-0.46	0.66	-0.35	0.32	Ossabaw
1745	484947	3516191	485040	3516170	-0.57	1.61	-0.49	0.73	-0.39	0.42	Ossabaw
1746	484950	3516241	485055	3516224	-0.65	1.65	-0.61	0.80	-0.74	0.85	Ossabaw
1747	484950	3516291	485055	3516292	-0.65	0.27	-0.63	0.99	-0.68	0.99	Ossabaw
1748	484952	3516341	485047	3516350	-0.59	0.44	-0.56	0.97	-0.60	0.98	Ossabaw
1749	484958	3516390	485040	3516407	-0.50	0.59	-0.47	0.93	-0.56	0.95	Ossabaw
1750	484948	3516439	485033	3516467	-0.53	0.46	-0.50	0.94	-0.62	0.95	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1751	484934	3516487	485012	3516519	-0.50	0.55	-0.45	0.90	-0.57	0.95	Ossabaw
1752	484920	3516535	484986	3516562	-0.42	0.43	-0.42	0.95	-0.48	0.96	Ossabaw
1753	484902	3516582	484955	3516608	-0.34	0.07	-0.33	1.00	-0.34	1.00	Ossabaw
1754	484884	3516628	484927	3516648	-0.23	0.23	-0.25	0.91	-0.17	0.85	Ossabaw
1755	484869	3516676	484906	3516692	-0.18	0.20	-0.20	0.87	-0.11	0.68	Ossabaw
1756	484851	3516722	484888	3516735	-0.15	0.25	-0.18	0.83	-0.10	0.70	Ossabaw
1757	484821	3516762	484870	3516780	-0.28	0.20	-0.30	0.95	-0.23	0.93	Ossabaw
1758	484797	3516805	484854	3516827	-0.35	0.10	-0.35	0.99	-0.33	0.99	Ossabaw
1759	484782	3516853	484834	3516869	-0.31	0.34	-0.28	0.90	-0.37	0.94	Ossabaw
1760	484752	3516893	484802	3516908	-0.29	0.24	-0.28	0.91	-0.23	0.91	Ossabaw
1761	484722	3516933	484789	3516953	-0.40	0.43	-0.38	0.84	-0.29	0.84	Ossabaw
1762	484712	3516982	484779	3517002	-0.40	0.46	-0.37	0.87	-0.35	0.93	Ossabaw
1763	484692	3517027	484762	3517055	-0.51	0.00	-0.51	0.00	-0.51	0.00	Ossabaw
1764	484667	3517070	484739	3517114	-0.16	0.00	-0.16	0.00	-0.16	0.00	Ossabaw
1765	484631	3517103	484715	3517166	-0.19	0.31	-0.16	0.83	-0.14	0.70	Ossabaw
1766	484586	3517126	484649	3517222	-0.40	0.73	-0.34	0.80	-0.29	0.65	Ossabaw
1767	484542	3517149	484584	3517295	NA	NA	NA	0.00	NA	0.00	Ossabaw
1770	484403	3517193	484406	3517249	-0.32	0.75	-0.29	0.80	-0.34	0.90	Ossabaw
1771	484354	3517205	484362	3517259	-0.31	0.80	-0.31	0.82	-0.26	0.77	Ossabaw
1772	484307	3517219	484324	3517279	-0.35	0.59	-0.37	0.92	-0.32	0.89	Ossabaw
1773	484259	3517236	484277	3517294	-0.35	0.30	-0.35	0.97	-0.37	0.98	Ossabaw
1774	484211	3517248	484226	3517301	-0.31	0.78	-0.29	0.79	-0.27	0.83	Ossabaw
1775	484162	3517261	484174	3517312	-0.28	0.90	-0.27	0.72	-0.22	0.67	Ossabaw
1776	484114	3517273	484126	3517324	-0.26	0.88	-0.25	0.67	-0.18	0.57	Ossabaw
1777	484066	3517285	484073	3517336	-0.23	0.97	-0.22	0.59	-0.16	0.45	Ossabaw
1778	484018	3517299	484024	3517343	-0.19	0.89	-0.18	0.54	-0.13	0.40	Ossabaw
1779	483970	3517313	483975	3517357	-0.15	1.26	-0.13	0.26	-0.12	0.26	Ossabaw
1780	483921	3517325	483926	3517364	-0.11	1.25	-0.09	0.14	-0.08	0.15	Ossabaw
1781	483872	3517334	483876	3517371	-0.14	1.11	-0.11	0.21	-0.14	0.43	Ossabaw
1782	483824	3517347	483830	3517379	-0.12	0.81	-0.11	0.35	-0.10	0.36	Ossabaw
1783	483775	3517357	483780	3517385	-0.12	0.63	-0.10	0.41	-0.11	0.59	Ossabaw
1784	483726	3517366	483729	3517395	-0.12	0.59	-0.09	0.37	-0.14	0.71	Ossabaw
1785	483677	3517376	483679	3517400	-0.10	0.51	-0.08	0.38	-0.11	0.69	Ossabaw
1786	483627	3517373	483630	3517413	-0.12	0.90	-0.07	0.10	-0.17	0.59	Ossabaw
1787	483577	3517375	483578	3517411	-0.04	0.85	0.02	0.01	-0.08	0.28	Ossabaw
1788	483527	3517377	483529	3517419	-0.01	0.75	0.06	0.08	-0.12	0.34	Ossabaw
1789	483477	3517381	483484	3517426	0.06	0.64	0.13	0.26	-0.09	0.17	Ossabaw
1790	483427	3517383	483436	3517437	0.10	0.74	0.17	0.29	-0.10	0.15	Ossabaw
1791	483377	3517381	483391	3517448	0.20	1.05	0.27	0.46	0.03	0.01	Ossabaw
1792	483327	3517381	483342	3517459	0.28	1.26	0.35	0.52	0.09	0.10	Ossabaw
1793	483277	3517381	483292	3517467	0.32	1.36	0.39	0.53	0.10	0.10	Ossabaw
1794	483227	3517384	483246	3517474	0.36	1.42	0.42	0.54	0.11	0.11	Ossabaw
1795	483177	3517387	483202	3517481	0.43	1.41	0.48	0.61	0.18	0.24	Ossabaw
1796	483128	3517391	483161	3517493	0.45	1.32	0.53	0.62	0.17	0.18	Ossabaw
1797	483078	3517397	483129	3517507	0.55	1.39	0.64	0.71	0.28	0.40	Ossabaw
1798	483031	3517414	483105	3517518	0.62	1.28	0.71	0.79	0.38	0.61	Ossabaw
1799	482988	3517440	483077	3517532	0.66	1.04	0.76	0.88	0.55	0.86	Ossabaw
1800	482953	3517475	483061	3517557	0.83	1.11	0.92	0.90	0.88	0.95	Ossabaw
1801	482928	3517518	483048	3517583	0.85	1.30	0.93	0.85	1.02	0.94	Ossabaw
1802	482919	3517567	483038	3517608	0.72	1.49	0.81	0.77	0.91	0.90	Ossabaw
1803	482923	3517616	483026	3517638	0.60	1.41	0.67	0.70	0.83	0.87	Ossabaw
1804	482934	3517665	483019	3517673	0.45	1.25	0.52	0.64	0.65	0.84	Ossabaw
1805	482946	3517713	483021	3517712	0.28	1.30	0.37	0.51	0.41	0.75	Ossabaw
1806	482961	3517761	483026	3517751	0.15	1.27	0.24	0.34	0.23	0.54	Ossabaw
1807	482983	3517806	483034	3517795	0.07	0.92	0.14	0.23	0.13	0.39	Ossabaw
1808	483005	3517849	483044	3517838	-0.05	0.87	0.01	0.00	0.02	0.01	Ossabaw
1809	483027	3517894	483058	3517885	-0.11	0.64	-0.08	0.16	-0.03	0.05	Ossabaw
1810	483038	3517943	483074	3517928	-0.15	0.52	-0.12	0.32	-0.06	0.20	Ossabaw
1811	483055	3517990	483091	3517974	-0.15	0.49	-0.13	0.40	-0.06	0.22	Ossabaw
1812	483071	3518037	483113	3518020	-0.24	0.41	-0.21	0.76	-0.21	0.86	Ossabaw
1813	483089	3518084	483136	3518065	-0.29	0.49	-0.25	0.76	-0.24	0.88	Ossabaw
1814	483108	3518130	483156	3518109	-0.29	0.68	-0.25	0.66	-0.26	0.85	Ossabaw
1815	483127	3518176	483169	3518161	-0.23	0.49	-0.21	0.64	-0.15	0.65	Ossabaw
1816	483146	3518222	483191	3518207	-0.25	0.56	-0.22	0.66	-0.18	0.73	Ossabaw
1817	483166	3518268	483210	3518251	-0.26	0.55	-0.24	0.72	-0.18	0.73	Ossabaw
1818	483185	3518315	483229	3518297	-0.26	0.63	-0.23	0.69	-0.18	0.69	Ossabaw
1819	483202	3518361	483245	3518345	-0.24	0.82	-0.20	0.50	-0.17	0.61	Ossabaw
1820	483220	3518408	483265	3518391	-0.24	0.88	-0.20	0.47	-0.15	0.45	Ossabaw
1821	483237	3518455	483287	3518436	-0.25	1.02	-0.22	0.46	-0.14	0.35	Ossabaw
1822	483255	3518502	483299	3518486	-0.22	0.89	-0.20	0.51	-0.15	0.48	Ossabaw
1823	483274	3518548	483314	3518532	-0.21	0.80	-0.18	0.56	-0.14	0.53	Ossabaw
1824	483292	3518595	483332	3518580	-0.19	0.86	-0.16	0.41	-0.12	0.40	Ossabaw
1825	483308	3518642	483362	3518622	-0.19	0.95	-0.15	0.30	-0.10	0.24	Ossabaw
1826	483322	3518690	483397	3518666	-0.31	0.68	-0.28	0.76	-0.28	0.87	Ossabaw
1827	483333	3518739	483398	3518718	-0.39	0.43	-0.36	0.87	-0.32	0.92	Ossabaw
1828	483331	3518787	483417	3518767	-0.51	0.66	-0.47	0.80	-0.37	0.82	Ossabaw
1829	483340	3518820	483424	3518795	-0.52	0.68	-0.48	0.78	-0.36	0.77	Ossabaw
1830	483380	3518850	483442	3518832	-0.37	0.65	-0.32	0.73	-0.30	0.85	Ossabaw
1831	483406	3518891	483462	3518877	-0.29	0.75	-0.23	0.55	-0.25	0.79	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1832	483420	3518939	483470	3518927	-0.29	0.82	-0.22	0.51	-0.27	0.79	Ossabaw
1833	483434	3518987	483486	3518977	-0.29	0.76	-0.22	0.55	-0.30	0.82	Ossabaw
1834	483449	3519035	483494	3519032	-0.24	0.83	-0.17	0.37	-0.25	0.70	Ossabaw
1835	483461	3519083	483503	3519080	-0.18	0.80	-0.11	0.21	-0.22	0.65	Ossabaw
1836	483469	3519132	483510	3519130	-0.10	0.71	-0.04	0.03	-0.16	0.53	Ossabaw
1837	483479	3519181	483512	3519180	-0.07	0.57	-0.01	0.01	-0.16	0.51	Ossabaw
1838	483484	3519231	483509	3519229	0.01	0.49	0.04	0.11	-0.07	0.22	Ossabaw
1839	483487	3519281	483515	3519278	0.03	0.35	0.06	0.21	-0.07	0.22	Ossabaw
1840	483484	3519331	483522	3519329	0.12	0.28	0.15	0.60	0.02	0.02	Ossabaw
1841	483479	3519381	483526	3519380	0.18	0.32	0.22	0.68	0.05	0.11	Ossabaw
1842	483471	3519430	483528	3519433	0.21	0.44	0.26	0.62	0.04	0.03	Ossabaw
1843	483463	3519479	483519	3519486	0.22	0.42	0.27	0.64	0.05	0.05	Ossabaw
1844	483448	3519527	483509	3519538	0.23	0.49	0.29	0.64	0.06	0.07	Ossabaw
1845	483435	3519575	483498	3519589	0.24	0.55	0.30	0.62	0.05	0.04	Ossabaw
1846	483418	3519622	483486	3519639	0.27	0.63	0.34	0.67	0.09	0.12	Ossabaw
1847	483404	3519670	483474	3519688	0.29	0.58	0.36	0.73	0.13	0.30	Ossabaw
1848	483391	3519718	483461	3519738	0.34	0.47	0.39	0.80	0.18	0.49	Ossabaw
1849	483367	3519762	483448	3519782	0.30	0.93	0.39	0.63	0.10	0.14	Ossabaw
1850	483356	3519811	483435	3519827	0.32	0.73	0.40	0.71	0.14	0.29	Ossabaw
1851	483345	3519859	483424	3519875	0.35	0.67	0.41	0.73	0.16	0.31	Ossabaw
1852	483332	3519907	483423	3519924	0.44	0.63	0.51	0.78	0.22	0.44	Ossabaw
1853	483317	3519955	483419	3519967	0.56	0.54	0.62	0.88	0.37	0.74	Ossabaw
1854	483317	3520004	483408	3520009	0.50	0.46	0.55	0.85	0.30	0.64	Ossabaw
1855	483330	3520052	483401	3520046	0.41	0.54	0.44	0.88	0.27	0.69	Ossabaw
1856	483353	3520097	483404	3520079	0.23	0.40	0.27	0.85	0.17	0.76	Ossabaw
1857	483381	3520138	483418	3520112	0.08	0.74	0.15	0.36	0.05	0.12	Ossabaw
1858	483421	3520168	483448	3520136	-0.02	0.83	0.04	0.04	-0.01	0.01	Ossabaw
1859	483467	3520188	483483	3520157	-0.08	0.69	-0.02	0.02	-0.09	0.35	Ossabaw
1860	483514	3520203	483525	3520170	-0.12	0.66	-0.06	0.09	-0.18	0.60	Ossabaw
1861	483562	3520218	483571	3520177	-0.12	0.71	-0.05	0.05	-0.23	0.60	Ossabaw
1862	483609	3520233	483616	3520185	-0.10	0.89	-0.02	0.01	-0.20	0.55	Ossabaw
1863	483659	3520241	483664	3520191	-0.09	0.88	0.00	0.00	-0.24	0.55	Ossabaw
1864	483708	3520246	483712	3520194	-0.10	0.95	-0.01	0.00	-0.25	0.55	Ossabaw
1865	483758	3520251	483762	3520208	-0.02	0.78	0.06	0.06	-0.15	0.38	Ossabaw
1866	483807	3520258	483810	3520202	-0.06	1.06	0.04	0.02	-0.25	0.47	Ossabaw
1867	483857	3520262	483861	3520204	-0.06	1.10	0.05	0.02	-0.23	0.44	Ossabaw
1868	483907	3520265	483913	3520206	-0.09	1.05	0.02	0.00	-0.29	0.51	Ossabaw
1869	483957	3520265	483964	3520213	-0.09	0.86	0.00	0.00	-0.30	0.54	Ossabaw
1870	484007	3520266	484013	3520224	-0.09	0.70	-0.01	0.00	-0.30	0.57	Ossabaw
1871	484057	3520268	484064	3520218	-0.09	0.69	-0.01	0.00	-0.32	0.57	Ossabaw
1872	484107	3520274	484113	3520228	-0.06	0.68	0.02	0.00	-0.30	0.52	Ossabaw
1873	484156	3520280	484165	3520227	-0.14	0.74	-0.06	0.03	-0.39	0.62	Ossabaw
1874	484206	3520288	484213	3520232	-0.21	0.78	-0.12	0.12	-0.49	0.68	Ossabaw
1875	484255	3520292	484261	3520250	-0.05	0.51	0.01	0.00	-0.27	0.54	Ossabaw
1876	484305	3520297	484310	3520264	0.00	0.50	0.04	0.04	-0.17	0.44	Ossabaw
1877	484354	3520307	484364	3520264	-0.08	0.49	-0.03	0.01	-0.32	0.59	Ossabaw
1878	484403	3520317	484410	3520274	-0.11	0.46	-0.06	0.06	-0.32	0.64	Ossabaw
1879	484452	3520324	484458	3520279	-0.19	0.44	-0.15	0.34	-0.38	0.75	Ossabaw
1880	484498	3520340	484506	3520292	-0.26	0.33	-0.23	0.80	-0.35	0.89	Ossabaw
1881	484540	3520367	484552	3520288	-0.48	0.61	-0.42	0.86	-0.55	0.94	Ossabaw
1882	484589	3520372	484595	3520287	-0.50	0.59	-0.44	0.83	-0.64	0.92	Ossabaw
1883	484639	3520368	484644	3520300	-0.40	0.63	-0.36	0.79	-0.55	0.88	Ossabaw
1884	484689	3520365	484698	3520302	-0.37	0.74	-0.34	0.68	-0.56	0.84	Ossabaw
1885	484739	3520365	484745	3520303	-0.36	0.85	-0.34	0.65	-0.56	0.82	Ossabaw
1886	484789	3520368	484801	3520309	-0.34	0.84	-0.32	0.70	-0.50	0.83	Ossabaw
1887	484838	3520379	484872	3520319	-0.39	0.83	-0.39	0.86	-0.46	0.90	Ossabaw
1888	484886	3520391	484943	3520337	-0.61	0.00	-0.61	0.00	-0.61	0.00	Ossabaw
1895	484993	3520717	485023	3520713	NA	NA	NA	0.00	NA	0.00	Ossabaw
1896	484988	3520767	485030	3520759	-0.09	1.04	-0.02	0.01	-0.20	0.41	Ossabaw
1897	484995	3520816	485031	3520808	-0.11	0.90	-0.05	0.06	-0.20	0.47	Ossabaw
1898	485002	3520866	485033	3520858	-0.05	0.76	0.01	0.00	-0.12	0.31	Ossabaw
1899	485012	3520914	485048	3520904	-0.04	0.47	0.00	0.00	-0.06	0.25	Ossabaw
1900	485029	3520961	485055	3520951	-0.09	0.54	-0.05	0.13	-0.12	0.52	Ossabaw
1901	485038	3521010	485070	3521003	-0.15	0.75	-0.10	0.29	-0.20	0.61	Ossabaw
1902	485047	3521060	485094	3521053	-0.13	3.08	-0.10	0.30	-0.15	0.23	Ossabaw
1903	485062	3521107	485111	3521102	-0.03	0.33	-0.05	0.16	-0.06	0.16	Ossabaw
1904	485061	3521157	485099	3521153	-0.16	0.55	-0.10	0.23	-0.26	0.74	Ossabaw
1905	485069	3521206	485106	3521205	-0.19	0.45	-0.14	0.52	-0.26	0.84	Ossabaw
1906	485067	3521256	485115	3521248	-0.25	0.37	-0.21	0.79	-0.31	0.91	Ossabaw
1907	485059	3521305	485121	3521294	-0.37	0.47	-0.33	0.87	-0.36	0.95	Ossabaw
1908	485070	3521354	485129	3521340	-0.35	0.60	-0.29	0.76	-0.38	0.91	Ossabaw
1909	485078	3521403	485137	3521387	-0.35	0.77	-0.28	0.64	-0.45	0.85	Ossabaw
1910	485086	3521452	485153	3521438	-0.39	0.83	-0.35	0.80	-0.47	0.86	Ossabaw
1911	485092	3521502	485177	3521487	-0.53	0.93	-0.46	0.75	-0.73	0.86	Ossabaw
1912	485094	3521552	485187	3521534	-0.58	0.93	-0.49	0.75	-0.79	0.87	Ossabaw
1913	485096	3521602	485183	3521592	-0.53	1.02	-0.47	0.78	-0.70	0.87	Ossabaw
1914	485103	3521651	485187	3521649	-0.52	1.07	-0.45	0.78	-0.64	0.86	Ossabaw
1915	485111	3521701	485188	3521696	-0.45	0.88	-0.42	0.84	-0.55	0.88	Ossabaw
1916	485121	3521749	485189	3521742	-0.39	0.75	-0.35	0.82	-0.48	0.88	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
1917	485137	3521797	485195	3521789	-0.33	0.68	-0.27	0.67	-0.43	0.85	Ossabaw
1918	485153	3521844	485199	3521834	-0.25	0.70	-0.22	0.64	-0.36	0.80	Ossabaw
1919	485166	3521892	485210	3521877	-0.25	0.56	-0.21	0.60	-0.40	0.81	Ossabaw
1920	485179	3521941	485222	3521918	-0.24	0.56	-0.21	0.58	-0.39	0.80	Ossabaw
1921	485192	3521989	485250	3521952	-0.24	0.58	-0.21	0.62	-0.37	0.81	Ossabaw
1922	485204	3522038	485276	3521985	-0.18	0.55	-0.15	0.50	-0.31	0.76	Ossabaw
1923	485217	3522086	485302	3522017	-0.14	0.57	-0.11	0.25	-0.30	0.69	Ossabaw
1924	485219	3522135	485327	3522048	-0.19	0.56	-0.17	0.73	-0.14	0.41	Ossabaw
1925	485251	3522167	485365	3522095	NA	NA	NA	0.00	NA	0.00	Ossabaw
1926	485259	3522202	485400	3522139	-1.10	0.00	-1.10	0.00	-1.10	0.00	Ossabaw
1927	485257	3522252	485424	3522202	1.95	4.10	2.36	0.70	2.07	0.90	Ossabaw
1928	485271	3522299	485434	3522266	1.85	4.28	2.30	0.69	2.09	0.89	Ossabaw
1929	485291	3522345	485436	3522317	0.71	3.16	0.82	0.44	1.27	0.74	Ossabaw
1930	485317	3522388	485436	3522355	0.58	2.61	0.67	0.43	1.06	0.74	Ossabaw
1931	485343	3522430	485470	3522378	0.76	1.58	0.88	0.80	0.87	0.88	Ossabaw
1932	485374	3522469	485472	3522412	0.56	1.90	0.64	0.66	0.76	0.82	Ossabaw
1933	485412	3522461	485475	3522418	0.32	0.61	0.31	0.85	0.40	0.89	Ossabaw
1934	485438	3522490	485498	3522448	0.23	0.72	0.23	0.64	0.34	0.80	Ossabaw
1935	485470	3522528	485527	3522485	0.08	0.63	0.07	0.16	0.20	0.58	Ossabaw
1936	485493	3522571	485556	3522523	-0.17	0.27	-0.18	0.71	-0.07	0.23	Ossabaw
1937	485528	3522607	485584	3522558	-0.24	0.13	-0.24	0.97	-0.21	0.96	Ossabaw
1938	485564	3522641	485612	3522594	-0.28	0.09	-0.28	0.96	-0.23	0.95	Ossabaw
1939	485603	3522672	485642	3522628	-0.31	0.49	-0.32	0.83	-0.20	0.57	Ossabaw
1940	485648	3522695	485675	3522655	-0.27	0.34	-0.26	0.78	-0.17	0.67	Ossabaw
1941	485693	3522716	485719	3522673	-0.28	0.37	-0.27	0.86	-0.20	0.82	Ossabaw
1942	485737	3522740	485767	3522690	-0.31	0.48	-0.28	0.84	-0.29	0.93	Ossabaw
1943	485781	3522764	485806	3522722	-0.26	0.29	-0.24	0.93	-0.27	0.97	Ossabaw
1944	485824	3522789	485850	3522750	-0.25	0.37	-0.24	0.90	-0.27	0.96	Ossabaw
1945	485867	3522815	485891	3522779	-0.23	0.22	-0.22	0.91	-0.28	0.96	Ossabaw
1946	485913	3522835	485935	3522802	-0.19	0.30	-0.17	0.67	-0.29	0.88	Ossabaw
1947	485952	3522865	485984	3522822	-0.28	0.26	-0.25	0.85	-0.37	0.93	Ossabaw
1948	485988	3522900	486023	3522848	-0.37	0.29	-0.34	0.92	-0.44	0.96	Ossabaw
1949	486026	3522932	486066	3522885	-0.36	0.25	-0.35	0.97	-0.40	0.98	Ossabaw
1950	486069	3522955	486149	3522887	NA	NA	NA	0.00	NA	0.00	Ossabaw
1955	486218	3523153	486248	3523144	NA	NA	NA	0.00	NA	0.00	Ossabaw
1956	486230	3523200	486264	3523187	0.17	0.46	0.18	0.50	0.12	0.20	Ossabaw
1957	486239	3523249	486274	3523232	-0.10	0.55	-0.04	0.03	-0.25	0.63	Ossabaw
1958	486260	3523294	486295	3523275	-0.15	0.50	-0.10	0.21	-0.31	0.74	Ossabaw
1959	486283	3523338	486324	3523303	-0.30	0.48	-0.25	0.64	-0.44	0.87	Ossabaw
1960	486313	3523378	486352	3523333	-0.33	0.51	-0.28	0.63	-0.51	0.87	Ossabaw
1961	486338	3523420	486382	3523357	-0.46	0.51	-0.40	0.70	-0.69	0.87	Ossabaw
1962	486366	3523461	486420	3523381	-0.60	0.58	-0.54	0.76	-0.86	0.89	Ossabaw
1963	486398	3523500	486456	3523401	-0.71	0.68	-0.64	0.80	-0.98	0.91	Ossabaw
1964	486433	3523535	486501	3523436	-0.75	0.84	-0.66	0.76	-1.05	0.90	Ossabaw
1965	486468	3523571	486540	3523467	-0.80	0.81	-0.71	0.78	-1.12	0.90	Ossabaw
1966	486507	3523602	486583	3523501	-0.80	0.86	-0.71	0.74	-1.16	0.89	Ossabaw
1967	486545	3523635	486627	3523532	-0.82	0.84	-0.74	0.73	-1.22	0.88	Ossabaw
1968	486587	3523661	486664	3523560	-0.80	0.96	-0.70	0.64	-1.26	0.86	Ossabaw
1969	486628	3523690	486704	3523589	-0.78	1.15	-0.66	0.55	-1.31	0.83	Ossabaw
1970	486666	3523722	486745	3523624	-0.77	1.18	-0.64	0.55	-1.28	0.83	Ossabaw
1971	486706	3523753	486786	3523657	-0.73	1.21	-0.61	0.53	-1.22	0.83	Ossabaw
1972	486750	3523776	486815	3523685	-0.70	1.05	-0.58	0.58	-1.12	0.85	Ossabaw
1973	486792	3523802	486857	3523714	-0.64	1.03	-0.53	0.53	-1.06	0.83	Ossabaw
1974	486834	3523829	486895	3523741	-0.61	0.99	-0.52	0.56	-1.00	0.84	Ossabaw
1975	486879	3523851	486937	3523768	-0.59	1.11	-0.49	0.55	-0.94	0.84	Ossabaw
1976	486927	3523865	486977	3523790	-0.54	1.08	-0.43	0.55	-0.83	0.85	Ossabaw
1977	486976	3523868	487007	3523808	-0.38	0.99	-0.28	0.41	-0.61	0.81	Ossabaw
1978	487026	3523868	487039	3523831	-0.17	0.52	-0.12	0.33	-0.29	0.79	Ossabaw
1979	487076	3523869	487080	3523847	0.00	0.40	-0.01	0.02	0.06	0.27	Ossabaw
1980	487124	3523882	487125	3523840	0.11	0.64	0.06	0.09	0.28	0.61	Ossabaw
1981	487172	3523898	487162	3523835	0.24	0.90	0.15	0.18	0.51	0.69	Ossabaw
1982	487216	3523917	487201	3523828	0.38	1.30	0.24	0.19	0.79	0.70	Ossabaw
1983	487261	3523938	487237	3523821	0.52	1.69	0.34	0.21	1.06	0.71	Ossabaw
1984	487307	3523954	487277	3523816	0.67	2.04	0.44	0.21	1.37	0.72	Ossabaw
1985	487353	3523974	487319	3523805	0.90	2.52	0.61	0.26	1.75	0.74	Ossabaw
1986	487399	3523992	487366	3523795	1.05	3.02	0.71	0.24	2.08	0.74	Ossabaw
1987	487447	3524009	487411	3523791	1.33	3.38	0.95	0.33	2.42	0.77	Ossabaw
1988	487495	3524020	487471	3523787	1.43	3.60	1.02	0.33	2.60	0.77	Ossabaw
1989	487544	3524028	487534	3523781	1.51	3.71	1.09	0.34	2.73	0.77	Ossabaw
1990	487594	3524032	487589	3523783	1.55	3.89	1.11	0.34	2.78	0.77	Ossabaw
1991	487643	3524040	487646	3523780	1.62	4.14	1.15	0.33	2.90	0.77	Ossabaw
1992	487690	3524054	487701	3523781	1.73	4.27	1.25	0.36	3.03	0.78	Ossabaw
1993	487739	3524049	487746	3523783	1.69	4.14	1.22	0.36	2.96	0.78	Ossabaw
1994	487784	3524027	487789	3523787	1.50	3.78	1.07	0.35	2.65	0.78	Ossabaw
1995	487822	3523995	487830	3523785	1.23	3.18	0.87	0.32	2.23	0.77	Ossabaw
1996	487856	3523959	487862	3523785	0.94	2.53	0.65	0.28	1.78	0.76	Ossabaw
1997	487890	3523922	487899	3523788	0.63	1.75	0.44	0.24	1.28	0.74	Ossabaw
1998	487927	3523888	487936	3523792	0.39	1.17	0.26	0.17	0.87	0.71	Ossabaw
1999	487958	3523852	487963	3523795	0.11	0.57	0.06	0.03	0.40	0.61	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2000	488007	3523845	488010	3523801	-0.02	0.51	-0.07	0.05	0.23	0.40	Ossabaw
2001	488057	3523851	488057	3523801	-0.10	0.53	-0.13	0.21	0.13	0.20	Ossabaw
2002	488107	3523853	488105	3523798	-0.15	0.63	-0.18	0.32	0.07	0.07	Ossabaw
2003	488157	3523855	488151	3523793	-0.19	0.89	-0.21	0.37	0.03	0.01	Ossabaw
2004	488207	3523857	488199	3523786	-0.27	1.16	-0.28	0.48	-0.06	0.04	Ossabaw
2005	488256	3523864	488246	3523782	-0.39	1.18	-0.39	0.63	-0.18	0.26	Ossabaw
2006	488305	3523854	488295	3523776	-0.36	1.32	-0.35	0.56	-0.17	0.26	Ossabaw
2007	488354	3523855	488344	3523770	-0.42	1.24	-0.42	0.66	-0.21	0.34	Ossabaw
2008	488404	3523855	488395	3523761	-0.46	1.29	-0.46	0.64	-0.20	0.26	Ossabaw
2009	488454	3523858	488448	3523759	-0.53	1.14	-0.54	0.75	-0.29	0.45	Ossabaw
2010	488503	3523865	488501	3523757	-0.59	1.16	-0.61	0.76	-0.32	0.46	Ossabaw
2011	488552	3523872	488554	3523756	-0.67	1.19	-0.68	0.78	-0.38	0.52	Ossabaw
2012	488601	3523884	488606	3523762	-0.71	0.97	-0.74	0.80	-0.40	0.53	Ossabaw
2013	488650	3523892	488662	3523764	-0.75	1.01	-0.78	0.80	-0.41	0.52	Ossabaw
2014	488698	3523895	488713	3523771	-0.73	0.97	-0.76	0.81	-0.40	0.53	Ossabaw
2015	488748	3523889	488763	3523779	-0.66	0.79	-0.69	0.83	-0.38	0.58	Ossabaw
2016	488797	3523893	488818	3523790	-0.63	0.74	-0.65	0.80	-0.35	0.56	Ossabaw
2017	488844	3523909	488868	3523799	-0.64	0.88	-0.68	0.81	-0.36	0.52	Ossabaw
2018	488894	3523914	488917	3523808	-0.60	1.08	-0.63	0.79	-0.33	0.48	Ossabaw
2019	488943	3523920	488963	3523820	-0.59	0.89	-0.62	0.84	-0.36	0.62	Ossabaw
2020	488993	3523925	489012	3523832	-0.56	0.78	-0.59	0.84	-0.34	0.61	Ossabaw
2021	489043	3523931	489057	3523839	-0.53	1.00	-0.54	0.81	-0.34	0.62	Ossabaw
2022	489092	3523938	489104	3523847	-0.46	1.03	-0.49	0.74	-0.22	0.34	Ossabaw
2023	489142	3523942	489147	3523853	-0.39	1.02	-0.43	0.65	-0.13	0.12	Ossabaw
2024	489191	3523950	489195	3523861	-0.37	0.84	-0.41	0.58	-0.06	0.03	Ossabaw
2025	489239	3523963	489240	3523858	-0.40	1.13	-0.46	0.52	0.00	0.00	Ossabaw
2026	489285	3523946	489286	3523859	-0.24	1.17	-0.29	0.33	0.12	0.07	Ossabaw
2027	489332	3523930	489332	3523858	-0.15	1.19	-0.19	0.22	0.15	0.14	Ossabaw
2028	489379	3523915	489377	3523860	-0.05	1.18	-0.10	0.10	0.18	0.22	Ossabaw
2029	489427	3523903	489421	3523862	0.10	1.06	0.06	0.08	0.22	0.46	Ossabaw
2030	489473	3523885	489467	3523859	0.10	0.51	0.09	0.49	0.11	0.60	Ossabaw
2031	489517	3523863	489510	3523841	-0.01	0.54	0.00	0.00	-0.01	0.01	Ossabaw
2032	489563	3523844	489553	3523819	-0.04	0.72	-0.03	0.05	-0.02	0.03	Ossabaw
2033	489609	3523825	489598	3523797	-0.08	0.79	-0.07	0.21	-0.05	0.10	Ossabaw
2034	489659	3523816	489647	3523783	-0.12	0.79	-0.11	0.37	-0.08	0.25	Ossabaw
2035	489708	3523810	489698	3523771	-0.21	0.66	-0.19	0.70	-0.19	0.76	Ossabaw
2036	489758	3523804	489748	3523759	-0.25	0.65	-0.23	0.77	-0.24	0.85	Ossabaw
2037	489805	3523788	489796	3523747	-0.21	0.71	-0.20	0.67	-0.24	0.82	Ossabaw
2038	489854	3523778	489847	3523742	-0.16	0.58	-0.15	0.65	-0.17	0.79	Ossabaw
2039	489904	3523772	489896	3523729	-0.14	0.67	-0.13	0.50	-0.12	0.55	Ossabaw
2040	489954	3523767	489945	3523720	-0.13	0.73	-0.11	0.33	-0.05	0.10	Ossabaw
2041	490003	3523763	489993	3523712	-0.16	0.63	-0.16	0.50	-0.05	0.08	Ossabaw
2042	490053	3523765	490040	3523703	-0.28	0.86	-0.27	0.63	-0.14	0.35	Ossabaw
2043	490103	3523765	490085	3523695	-0.43	0.90	-0.40	0.76	-0.32	0.76	Ossabaw
2044	490153	3523760	490129	3523675	-0.54	0.83	-0.50	0.87	-0.46	0.91	Ossabaw
2045	490200	3523747	490172	3523661	-0.52	0.88	-0.48	0.88	-0.50	0.93	Ossabaw
2046	490248	3523754	490215	3523649	-0.67	0.92	-0.64	0.93	-0.62	0.95	Ossabaw
2047	490298	3523750	490262	3523639	-0.72	1.00	-0.70	0.93	-0.67	0.94	Ossabaw
2048	490348	3523747	490313	3523625	-0.80	1.15	-0.77	0.92	-0.76	0.95	Ossabaw
2049	490398	3523743	490358	3523612	-0.86	1.09	-0.82	0.93	-0.80	0.96	Ossabaw
2050	490448	3523741	490405	3523600	-0.94	1.18	-0.91	0.94	-0.88	0.96	Ossabaw
2051	490498	3523737	490447	3523589	-1.00	1.20	-0.97	0.95	-0.95	0.96	Ossabaw
2052	490547	3523729	490496	3523573	-1.05	1.20	-1.03	0.96	-1.02	0.97	Ossabaw
2053	490596	3523720	490532	3523557	-1.12	1.14	-1.09	0.96	-1.09	0.97	Ossabaw
2054	490644	3523707	490579	3523538	-1.17	1.09	-1.14	0.97	-1.15	0.98	Ossabaw
2055	490690	3523687	490619	3523524	-1.15	1.22	-1.14	0.96	-1.20	0.97	Ossabaw
2056	490735	3523665	490671	3523501	-1.14	1.02	-1.12	0.96	-1.25	0.98	Ossabaw
2057	490775	3523636	490710	3523482	-1.07	1.47	-1.06	0.86	-1.33	0.94	Ossabaw
2058	490812	3523602	490754	3523468	-0.93	1.22	-0.91	0.86	-1.17	0.94	Ossabaw
2059	490849	3523569	490798	3523454	-0.79	0.90	-0.76	0.88	-0.98	0.95	Ossabaw
2060	490880	3523530	490839	3523432	-0.65	0.80	-0.60	0.87	-0.80	0.94	Ossabaw
2061	490911	3523490	490875	3523414	-0.47	0.70	-0.42	0.80	-0.60	0.93	Ossabaw
2062	490942	3523451	490916	3523396	-0.30	0.56	-0.25	0.72	-0.37	0.91	Ossabaw
2063	490974	3523413	490958	3523378	-0.12	0.52	-0.09	0.38	-0.16	0.78	Ossabaw
2064	491005	3523374	490989	3523357	0.01	0.54	0.02	0.03	-0.02	0.03	Ossabaw
2065	491023	3523401	490986	3523360	0.00	0.56	0.01	0.01	-0.02	0.04	Ossabaw
2066	491069	3523384	491027	3523322	0.44	0.92	0.34	0.50	0.70	0.81	Ossabaw
2067	491117	3523369	491061	3523298	0.55	1.19	0.41	0.43	0.93	0.80	Ossabaw
2068	491163	3523352	491088	3523271	0.66	1.48	0.50	0.41	1.12	0.80	Ossabaw
2069	491208	3523332	491110	3523246	0.79	1.78	0.60	0.43	1.32	0.81	Ossabaw
2070	491250	3523304	491145	3523213	0.83	1.92	0.64	0.45	1.36	0.82	Ossabaw
2071	491288	3523273	491172	3523167	0.99	1.75	0.82	0.66	1.41	0.88	Ossabaw
2072	491324	3523239	491196	3523125	1.10	1.93	0.95	0.81	1.18	0.88	Ossabaw
2073	491356	3523200	491248	3523092	0.93	1.13	0.84	0.80	1.25	0.92	Ossabaw
2074	491380	3523157	491288	3523046	0.82	0.63	0.79	0.89	1.05	0.95	Ossabaw
2075	491406	3523115	491317	3523015	0.75	0.75	0.78	0.90	0.90	0.95	Ossabaw
2076	491419	3523069	491355	3522990	0.53	0.98	0.60	0.83	0.59	0.90	Ossabaw
2077	491444	3523026	491392	3522949	0.39	1.01	0.46	0.76	0.42	0.82	Ossabaw
2078	491473	3522985	491420	3522913	0.40	0.75	0.46	0.85	0.34	0.80	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2079	491505	3522947	491463	3522895	0.30	0.86	0.37	0.76	0.22	0.55	Ossabaw
2080	491537	3522909	491504	3522869	0.19	0.72	0.24	0.65	0.17	0.57	Ossabaw
2081	491570	3522871	491533	3522837	0.20	0.81	0.26	0.64	0.15	0.41	Ossabaw
2082	491604	3522835	491561	3522802	0.22	0.86	0.28	0.66	0.14	0.35	Ossabaw
2083	491639	3522799	491585	3522763	0.31	0.58	0.36	0.82	0.20	0.57	Ossabaw
2084	491669	3522759	491611	3522721	0.40	0.31	0.42	0.88	0.26	0.73	Ossabaw
2085	491702	3522721	491638	3522679	0.46	0.56	0.45	0.77	0.26	0.59	Ossabaw
2086	491736	3522685	491670	3522636	0.46	0.59	0.47	0.76	0.24	0.49	Ossabaw
2087	491770	3522649	491700	3522595	0.51	0.62	0.52	0.79	0.28	0.53	Ossabaw
2088	491803	3522611	491734	3522559	0.48	0.60	0.51	0.80	0.26	0.50	Ossabaw
2089	491833	3522571	491765	3522518	0.51	0.41	0.55	0.86	0.31	0.66	Ossabaw
2090	491866	3522534	491793	3522477	0.54	0.46	0.58	0.87	0.34	0.69	Ossabaw
2091	491894	3522493	491824	3522438	0.54	0.47	0.57	0.87	0.34	0.70	Ossabaw
2092	491922	3522451	491857	3522395	0.51	0.54	0.54	0.85	0.30	0.62	Ossabaw
2093	491951	3522410	491892	3522356	0.47	0.68	0.51	0.87	0.31	0.68	Ossabaw
2094	491982	3522371	491925	3522325	0.42	0.94	0.47	0.84	0.32	0.68	Ossabaw
2095	492014	3522332	491961	3522297	0.36	1.22	0.41	0.72	0.36	0.71	Ossabaw
2096	492044	3522293	491981	3522262	0.38	1.52	0.44	0.63	0.43	0.68	Ossabaw
2097	492071	3522251	491995	3522219	0.47	1.89	0.52	0.64	0.51	0.68	Ossabaw
2098	492093	3522208	492002	3522169	0.61	2.36	0.66	0.66	0.65	0.70	Ossabaw
2099	492104	3522160	492019	3522118	0.08	2.81	0.22	0.13	-0.16	0.06	Ossabaw
2100	492136	3522123	492050	3522075	0.21	3.38	0.21	0.10	0.12	0.04	Ossabaw
2101	492177	3522094	492087	3522032	-0.01	3.52	0.02	0.00	-0.03	0.00	Ossabaw
2102	492213	3522060	492117	3521985	-0.13	4.11	-0.08	0.01	-0.24	0.09	Ossabaw
2103	492236	3522016	492142	3521941	-0.03	4.03	0.04	0.00	-0.23	0.09	Ossabaw
2104	492260	3521972	492166	3521900	-0.10	4.10	-0.04	0.00	-0.31	0.14	Ossabaw
2105	492300	3521942	492212	3521860	-0.19	4.39	-0.16	0.04	-0.42	0.22	Ossabaw
2106	492345	3521922	492245	3521812	-0.26	5.22	-0.20	0.04	-0.68	0.31	Ossabaw
2107	492359	3521876	492269	3521784	-0.30	3.90	-0.26	0.11	-0.61	0.40	Ossabaw
2108	492350	3521831	492286	3521770	-0.25	3.01	-0.21	0.13	-0.49	0.41	Ossabaw
2109	492399	3521822	492322	3521739	-0.06	4.02	-0.03	0.00	-0.28	0.13	Ossabaw
2110	492423	3521782	492348	3521703	-0.12	3.37	-0.10	0.02	-0.25	0.15	Ossabaw
2111	492439	3521739	492375	3521672	-0.22	3.17	-0.19	0.10	-0.30	0.23	Ossabaw
2112	492480	3521714	492413	3521640	-0.18	3.15	-0.17	0.08	-0.19	0.11	Ossabaw
2113	492530	3521722	492444	3521618	-0.16	3.01	-0.16	0.08	-0.11	0.05	Ossabaw
2114	492571	3521747	492455	3521609	-0.15	6.31	-0.11	0.01	-0.44	0.13	Ossabaw
2115	492606	3521717	492485	3521585	-0.10	6.32	-0.05	0.00	-0.33	0.08	Ossabaw
2116	492613	3521669	492529	3521541	-0.21	4.28	-0.13	0.02	-0.20	0.06	Ossabaw
2117	492618	3521623	492560	3521506	-0.30	4.16	-0.21	0.06	-0.24	0.09	Ossabaw
2118	492659	3521595	492618	3521460	-0.35	2.33	-0.42	0.44	-0.55	0.63	Ossabaw
2119	492689	3521566	492680	3521489	0.12	1.25	0.02	0.00	0.38	0.57	Ossabaw
2120	492722	3521580	492721	3521490	0.18	1.25	0.07	0.03	0.45	0.64	Ossabaw
2121	492761	3521611	492744	3521492	0.26	1.48	0.12	0.05	0.60	0.66	Ossabaw
2122	492809	3521619	492786	3521494	-0.10	0.59	-0.14	0.13	0.22	0.29	Ossabaw
2123	492843	3521584	492811	3521475	-0.12	0.85	-0.09	0.12	0.06	0.07	Ossabaw
2124	492855	3521536	492829	3521472	-0.12	0.65	-0.11	0.17	0.05	0.06	Ossabaw
2125	492894	3521520	492864	3521460	-0.18	0.53	-0.22	0.33	0.09	0.09	Ossabaw
2126	492932	3521542	492889	3521449	-0.05	0.66	-0.09	0.14	0.11	0.26	Ossabaw
2127	492952	3521520	492905	3521437	-0.22	1.04	-0.27	0.52	-0.09	0.15	Ossabaw
2128	492992	3521547	492910	3521433	-0.18	1.13	-0.21	0.46	-0.11	0.28	Ossabaw
2129	493028	3521514	492955	3521408	-0.09	1.38	-0.11	0.11	0.05	0.03	Ossabaw
2130	493044	3521468	492982	3521377	-0.33	1.34	-0.37	0.46	-0.07	0.05	Ossabaw
2131	493047	3521419	493011	3521358	-0.25	1.07	-0.27	0.49	-0.10	0.15	Ossabaw
2132	493091	3521435	493045	3521340	-0.55	0.95	-0.60	0.73	-0.26	0.40	Ossabaw
2133	493118	3521395	493089	3521317	-0.27	0.86	-0.32	0.62	-0.11	0.21	Ossabaw
2134	493162	3521375	493138	3521312	-0.26	0.61	-0.30	0.48	0.00	0.00	Ossabaw
2135	493210	3521375	493180	3521296	-0.13	0.71	-0.17	0.13	0.25	0.28	Ossabaw
2136	493253	3521400	493196	3521289	-0.20	0.70	-0.21	0.23	0.13	0.12	Ossabaw
2137	493294	3521380	493253	3521255	-0.26	0.68	-0.25	0.36	0.00	0.00	Ossabaw
2138	493312	3521342	493293	3521223	-0.48	1.15	-0.47	0.39	0.00	0.00	Ossabaw
2139	493358	3521337	493353	3521228	-0.36	1.01	-0.40	0.31	0.16	0.08	Ossabaw
2140	493395	3521305	493397	3521250	-0.02	0.54	-0.07	0.05	0.26	0.42	Ossabaw
2141	493442	3521322	493450	3521267	-0.10	0.56	-0.13	0.22	0.11	0.19	Ossabaw
2142	493487	3521344	493486	3521263	0.21	0.60	0.16	0.21	0.47	0.73	Ossabaw
2143	493535	3521347	493526	3521259	-0.10	0.25	-0.09	0.37	-0.01	0.00	Ossabaw
2144	493546	3521300	493535	3521257	0.05	0.26	0.06	0.48	0.08	0.72	Ossabaw
2145	493580	3521287	493563	3521249	0.20	0.46	0.19	0.67	0.31	0.83	Ossabaw
2146	493629	3521292	493594	3521240	0.11	0.60	0.09	0.08	0.39	0.62	Ossabaw
2147	493656	3521259	493613	3521214	0.14	0.59	0.14	0.21	0.36	0.68	Ossabaw
2148	493678	3521216	493632	3521183	-0.11	0.79	-0.07	0.07	0.04	0.04	Ossabaw
2149	493722	3521194	493649	3521150	-0.39	0.99	-0.37	0.47	-0.09	0.07	Ossabaw
2150	493742	3521149	493676	3521108	-0.34	0.96	-0.32	0.40	-0.05	0.02	Ossabaw
2151	493762	3521103	493704	3521064	-0.33	0.77	-0.29	0.49	-0.14	0.26	Ossabaw
2152	493797	3521068	493734	3521021	-0.38	0.96	-0.33	0.47	-0.18	0.34	Ossabaw
2153	493842	3521046	493764	3520985	-0.47	0.96	-0.44	0.53	-0.17	0.19	Ossabaw
2154	493884	3521020	493798	3520944	-0.54	1.01	-0.54	0.50	-0.09	0.04	Ossabaw
2155	493908	3520976	493829	3520907	-0.46	0.92	-0.48	0.46	-0.02	0.00	Ossabaw
2156	493931	3520931	493857	3520878	-0.41	0.69	-0.44	0.55	-0.08	0.04	Ossabaw
2157	493951	3520885	493893	3520842	-0.22	0.68	-0.28	0.35	0.11	0.08	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2158	493969	3520839	493913	3520793	-0.07	0.85	-0.11	0.06	0.31	0.37	Ossabaw
2159	493992	3520795	493941	3520756	0.05	0.86	-0.01	0.00	0.39	0.52	Ossabaw
2160	494025	3520758	493979	3520724	0.16	0.77	0.08	0.06	0.43	0.66	Ossabaw
2161	494069	3520743	494011	3520698	0.18	0.38	0.14	0.38	0.32	0.79	Ossabaw
2162	494106	3520713	494040	3520651	0.37	0.54	0.31	0.58	0.59	0.84	Ossabaw
2163	494113	3520664	494060	3520609	0.38	0.55	0.33	0.53	0.65	0.83	Ossabaw
2164	494150	3520630	494101	3520573	0.27	0.70	0.25	0.28	0.61	0.73	Ossabaw
2165	494194	3520632	494140	3520556	0.19	0.78	0.18	0.16	0.54	0.67	Ossabaw
2166	494241	3520633	494193	3520529	0.23	0.83	0.20	0.15	0.64	0.68	Ossabaw
2167	494276	3520599	494236	3520501	0.18	0.93	0.18	0.11	0.60	0.64	Ossabaw
2168	494319	3520574	494278	3520478	0.12	1.04	0.15	0.10	0.44	0.60	Ossabaw
2169	494367	3520563	494334	3520467	0.08	1.06	0.08	0.03	0.42	0.54	Ossabaw
2170	494417	3520560	494387	3520444	-0.19	1.66	-0.19	0.07	0.30	0.22	Ossabaw
2171	494461	3520540	494432	3520426	0.13	1.46	0.17	0.09	0.48	0.56	Ossabaw
2172	494490	3520501	494469	3520420	0.05	1.27	0.09	0.03	0.42	0.50	Ossabaw
2173	494538	3520510	494512	3520410	-0.20	1.28	-0.19	0.08	0.29	0.22	Ossabaw
2174	494580	3520492	494547	3520403	-0.01	1.18	-0.04	0.00	0.57	0.46	Ossabaw
2175	494626	3520512	494561	3520400	-0.01	1.48	-0.11	0.01	0.79	0.46	Ossabaw
2176	494669	3520491	494588	3520383	0.05	1.32	-0.04	0.00	0.76	0.50	Ossabaw
2177	494702	3520454	494605	3520350	-0.03	1.45	-0.16	0.06	0.51	0.29	Ossabaw
2180	494824	3520406	494838	3520235	-0.67	0.00	-0.67	0.00	-0.67	0.00	Ossabaw
2181	494874	3520405	494933	3520277	0.32	0.20	0.31	0.94	0.34	0.91	Ossabaw
2182	494924	3520405	494996	3520325	0.27	0.16	0.28	0.95	0.26	0.90	Ossabaw
2183	494974	3520405	495018	3520348	0.22	0.28	0.22	0.80	0.19	0.61	Ossabaw
2184	495007	3520433	495040	3520378	0.18	0.66	0.24	0.47	0.19	0.75	Ossabaw
2185	495036	3520473	495086	3520401	0.32	1.25	0.41	0.69	0.22	0.48	Ossabaw
2187	495104	3520523	495159	3520436	0.57	0.85	0.55	0.66	0.27	0.40	Ossabaw
2188	495114	3520572	495173	3520485	0.45	1.47	0.46	0.56	0.14	0.11	Ossabaw
2189	495125	3520621	495205	3520520	0.45	2.26	0.48	0.40	0.01	0.00	Ossabaw
2190	495136	3520670	495221	3520527	0.33	2.45	0.44	0.17	-0.53	0.22	Ossabaw
2191	495150	3520718	495234	3520533	0.50	2.54	0.64	0.22	-0.57	0.18	Ossabaw
2192	495164	3520766	495250	3520540	0.67	2.83	0.81	0.24	-0.61	0.16	Ossabaw
2193	495183	3520812	495264	3520548	0.78	3.17	0.95	0.24	-0.70	0.16	Ossabaw
2194	495205	3520857	495274	3520552	0.87	3.61	1.07	0.24	-0.83	0.16	Ossabaw
2195	495235	3520897	495277	3520552	0.99	3.92	1.24	0.26	-0.90	0.16	Ossabaw
2196	495272	3520931	495283	3520553	1.17	4.07	1.49	0.30	-0.89	0.13	Ossabaw
2197	495312	3520961	495290	3520552	1.42	4.23	1.80	0.36	-0.73	0.09	Ossabaw
2198	495357	3520980	495302	3520551	1.92	3.98	2.31	0.52	-0.07	0.00	Ossabaw
2199	495403	3520999	495314	3520549	2.31	3.66	2.68	0.64	0.52	0.07	Ossabaw
2200	495450	3521015	495326	3520546	2.59	3.54	2.95	0.71	2.33	0.51	Ossabaw
2201	495499	3521020	495341	3520541	3.03	2.91	3.32	0.82	2.80	0.70	Ossabaw
2202	495549	3521020	495399	3520513	3.38	2.52	3.62	0.88	3.17	0.80	Ossabaw
2203	495596	3521036	495453	3520492	3.60	2.15	3.79	0.92	3.41	0.86	Ossabaw
2204	495645	3521044	495512	3520478	3.73	1.74	3.88	0.95	3.57	0.92	Ossabaw
2205	495695	3521046	495595	3520474	3.70	1.18	3.80	0.98	3.61	0.97	Ossabaw
2206	495745	3521040	495678	3520465	3.73	0.35	3.75	1.00	3.72	1.00	Ossabaw
2207	495793	3521029	495729	3520458	3.77	0.53	3.74	0.99	3.84	0.99	Ossabaw
2208	495842	3521017	495781	3520450	3.77	1.40	3.69	0.96	3.93	0.95	Ossabaw
2209	495889	3521001	495831	3520443	3.74	2.16	3.61	0.90	3.99	0.89	Ossabaw
2210	495938	3520989	495863	3520442	3.71	2.74	3.52	0.84	4.03	0.82	Ossabaw
2211	495985	3520973	495892	3520441	3.62	3.54	3.61	0.78	4.12	0.77	Ossabaw
2212	496033	3520959	495899	3520439	3.60	3.89	3.60	0.76	4.13	0.74	Ossabaw
2213	496079	3520939	495907	3520437	3.57	4.19	3.58	0.74	4.12	0.73	Ossabaw
2214	496120	3520911	495915	3520433	3.50	4.40	3.53	0.73	4.07	0.71	Ossabaw
2215	496163	3520885	495924	3520429	3.43	4.59	3.47	0.72	4.01	0.70	Ossabaw
2216	496201	3520853	495933	3520425	3.36	4.71	3.41	0.71	3.95	0.69	Ossabaw
2217	496238	3520819	495950	3520413	3.29	4.81	3.36	0.70	3.89	0.68	Ossabaw
2218	496275	3520786	495965	3520399	3.22	4.76	3.28	0.69	3.81	0.68	Ossabaw
2219	496311	3520751	495982	3520384	3.11	4.73	3.18	0.68	3.70	0.67	Ossabaw
2220	496351	3520722	496004	3520364	3.05	4.66	3.11	0.68	3.63	0.67	Ossabaw
2221	496384	3520685	496031	3520336	2.93	4.54	2.98	0.68	3.48	0.66	Ossabaw
2222	496415	3520645	496061	3520304	2.84	4.40	2.86	0.66	3.35	0.65	Ossabaw
2223	496444	3520605	496088	3520273	2.79	4.39	2.80	0.67	3.28	0.65	Ossabaw
2224	496472	3520563	496114	3520246	2.82	4.48	2.82	0.69	3.27	0.66	Ossabaw
2225	496500	3520522	496137	3520226	2.85	4.60	2.84	0.70	3.27	0.66	Ossabaw
2226	496525	3520479	496153	3520210	2.86	4.72	2.86	0.71	3.27	0.67	Ossabaw
2227	496556	3520440	496157	3520204	2.88	4.47	2.86	0.73	3.27	0.68	Ossabaw
2228	496593	3520407	496167	3520156	2.93	4.18	2.85	0.73	3.29	0.68	Ossabaw
2229	496617	3520363	496184	3520100	2.85	3.79	2.76	0.71	3.23	0.67	Ossabaw
2230	496633	3520316	496223	3520059	2.69	3.42	2.60	0.67	3.10	0.65	Ossabaw
2231	496643	3520267	496260	3520020	2.51	3.27	2.41	0.62	2.96	0.62	Ossabaw
2232	496653	3520218	496292	3519980	2.32	3.42	2.19	0.54	2.79	0.56	Ossabaw
2233	496658	3520168	496299	3519971	2.14	3.36	2.01	0.50	2.60	0.54	Ossabaw
2234	496652	3520119	496300	3519970	1.92	3.22	1.81	0.48	2.38	0.52	Ossabaw
2235	496644	3520069	496301	3519968	1.72	3.14	1.62	0.44	2.16	0.49	Ossabaw
2236	496634	3520020	496303	3519964	1.52	3.11	1.44	0.39	1.96	0.45	Ossabaw
2237	496623	3519972	496303	3519952	1.29	3.20	1.23	0.32	1.74	0.39	Ossabaw
2238	496609	3519924	496302	3519935	1.06	3.40	1.02	0.23	1.53	0.32	Ossabaw
2239	496595	3519876	496299	3519914	0.94	3.63	0.92	0.19	1.43	0.28	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2240	496581	3519828	496291	3519873	0.92	4.01	0.95	0.20	1.43	0.28	Ossabaw
2241	496571	3519779	496280	3519832	1.01	4.52	1.07	0.23	1.54	0.29	Ossabaw
2242	496557	3519731	496273	3519797	1.05	5.13	1.14	0.24	1.58	0.29	Ossabaw
2243	496544	3519683	496271	3519763	1.05	5.66	1.15	0.23	1.58	0.27	Ossabaw
2244	496537	3519633	496262	3519727	1.13	5.97	1.20	0.24	1.62	0.27	Ossabaw
2245	496526	3519585	496247	3519697	1.24	6.01	1.28	0.28	1.69	0.29	Ossabaw
2246	496508	3519538	496231	3519666	1.34	6.10	1.36	0.32	1.74	0.32	Ossabaw
2247	496495	3519490	496214	3519629	1.52	6.07	1.50	0.39	1.87	0.36	Ossabaw
2248	496483	3519441	496198	3519588	1.68	5.75	1.64	0.44	2.03	0.40	Ossabaw
2249	496466	3519395	496182	3519555	1.81	5.47	1.75	0.48	2.14	0.44	Ossabaw
2250	496447	3519349	496169	3519533	1.88	5.18	1.78	0.49	2.20	0.45	Ossabaw
2251	496426	3519303	496146	3519501	1.94	4.69	1.79	0.50	2.25	0.47	Ossabaw
2252	496407	3519257	496119	3519470	2.01	4.26	1.82	0.50	2.30	0.48	Ossabaw
2253	496391	3519210	496094	3519437	2.07	4.03	1.83	0.49	2.36	0.49	Ossabaw
2254	496369	3519164	496065	3519395	2.14	3.94	1.85	0.48	2.42	0.49	Ossabaw
2255	496345	3519121	496032	3519351	2.23	4.06	1.88	0.46	2.50	0.48	Ossabaw
2256	496321	3519077	496003	3519312	2.28	4.27	1.87	0.44	2.53	0.47	Ossabaw
2257	496298	3519033	495980	3519278	2.37	4.55	1.91	0.43	2.61	0.46	Ossabaw
2258	496270	3518991	495949	3519235	2.39	4.72	1.90	0.41	2.62	0.45	Ossabaw
2259	496250	3518946	495919	3519200	2.48	5.02	1.95	0.40	2.72	0.45	Ossabaw
2260	496218	3518908	495892	3519163	2.44	4.88	1.91	0.40	2.66	0.46	Ossabaw
2261	496191	3518866	495861	3519121	2.39	4.88	1.86	0.39	2.60	0.45	Ossabaw
2262	496164	3518824	495824	3519075	2.32	4.75	1.80	0.40	2.51	0.46	Ossabaw
2263	496136	3518782	495793	3519033	2.18	4.63	1.66	0.38	2.36	0.45	Ossabaw
2264	496105	3518742	495761	3518985	2.11	4.54	1.60	0.38	2.26	0.46	Ossabaw
2265	496071	3518706	495731	3518940	1.97	4.42	1.47	0.36	2.10	0.45	Ossabaw
2266	496031	3518676	495705	3518901	1.86	4.32	1.37	0.35	1.99	0.43	Ossabaw
2267	495990	3518649	495679	3518865	1.74	4.09	1.27	0.33	1.86	0.43	Ossabaw
2268	495946	3518624	495655	3518830	1.64	3.96	1.19	0.32	1.76	0.42	Ossabaw
2269	495904	3518598	495627	3518790	1.53	3.86	1.10	0.30	1.64	0.41	Ossabaw
2270	495863	3518569	495599	3518753	1.47	3.69	1.06	0.30	1.60	0.41	Ossabaw
2271	495823	3518540	495574	3518712	1.45	3.58	1.05	0.31	1.56	0.41	Ossabaw
2272	495784	3518508	495547	3518669	1.39	3.46	1.01	0.31	1.50	0.41	Ossabaw
2273	495747	3518474	495516	3518627	1.33	3.33	0.96	0.30	1.44	0.41	Ossabaw
2274	495715	3518436	495490	3518587	1.30	3.27	0.95	0.31	1.41	0.42	Ossabaw
2275	495682	3518399	495460	3518544	1.26	3.25	0.92	0.32	1.37	0.44	Ossabaw
2276	495648	3518362	495430	3518496	1.21	3.19	0.88	0.32	1.32	0.44	Ossabaw
2277	495613	3518327	495401	3518453	1.20	3.07	0.91	0.36	1.31	0.48	Ossabaw
2278	495577	3518291	495379	3518411	1.20	2.85	0.93	0.42	1.30	0.53	Ossabaw
2279	495545	3518253	495357	3518368	1.17	2.73	0.92	0.46	1.25	0.56	Ossabaw
2280	495511	3518216	495334	3518331	1.16	2.66	0.93	0.50	1.24	0.59	Ossabaw
2281	495478	3518179	495312	3518296	1.17	2.59	0.95	0.55	1.24	0.63	Ossabaw
2282	495446	3518140	495285	3518261	1.17	2.50	0.98	0.60	1.23	0.67	Ossabaw
2283	495414	3518103	495256	3518223	1.15	2.69	0.97	0.63	1.20	0.69	Ossabaw
2284	495382	3518064	495229	3518188	1.12	2.80	0.96	0.66	1.17	0.70	Ossabaw
2285	495350	3518026	495199	3518149	1.11	2.87	0.97	0.70	1.14	0.72	Ossabaw
2286	495318	3517987	495169	3518113	1.12	2.86	0.99	0.74	1.12	0.73	Ossabaw
2287	495288	3517947	495134	3518075	1.14	2.85	1.02	0.77	1.10	0.73	Ossabaw
2288	495256	3517909	495101	3518037	1.16	2.88	1.06	0.77	1.10	0.71	Ossabaw
2289	495231	3517867	495068	3517996	1.16	2.92	1.07	0.75	1.07	0.65	Ossabaw
2290	495214	3517820	495039	3517955	1.13	3.04	1.07	0.71	1.03	0.57	Ossabaw
2291	495194	3517774	495008	3517915	1.14	3.27	1.09	0.67	1.02	0.50	Ossabaw
2292	495175	3517728	494979	3517878	1.12	3.26	1.09	0.63	0.98	0.43	Ossabaw
2293	495156	3517682	494949	3517840	1.12	3.26	1.12	0.60	0.96	0.37	Ossabaw
2294	495138	3517635	494920	3517802	1.12	3.25	1.15	0.56	0.94	0.32	Ossabaw
2295	495115	3517591	494889	3517759	1.13	3.31	1.17	0.52	0.93	0.28	Ossabaw
2296	495096	3517545	494859	3517719	1.12	3.54	1.19	0.47	0.89	0.22	Ossabaw
2297	495073	3517500	494834	3517685	1.11	3.62	1.21	0.44	0.87	0.19	Ossabaw
2298	495050	3517456	494806	3517644	1.13	3.73	1.24	0.42	0.87	0.17	Ossabaw
2299	495025	3517412	494777	3517610	1.15	3.92	1.29	0.39	0.87	0.14	Ossabaw
2300	495005	3517367	494753	3517583	1.18	4.06	1.34	0.38	0.88	0.13	Ossabaw
2301	494986	3517320	494726	3517548	1.20	4.18	1.38	0.36	0.87	0.12	Ossabaw
2302	494969	3517274	494691	3517513	1.24	4.29	1.44	0.34	0.88	0.10	Ossabaw
2303	494950	3517228	494666	3517485	1.29	4.42	1.50	0.33	0.89	0.09	Ossabaw
2304	494930	3517182	494642	3517457	1.34	4.46	1.57	0.32	0.92	0.09	Ossabaw
2305	494911	3517135	494610	3517421	1.40	4.60	1.63	0.31	0.93	0.08	Ossabaw
2306	494894	3517088	494582	3517398	1.49	4.84	1.73	0.31	0.98	0.08	Ossabaw
2307	494880	3517041	494558	3517374	1.55	5.10	1.81	0.30	1.00	0.08	Ossabaw
2308	494861	3516994	494527	3517342	1.63	5.20	1.90	0.30	1.04	0.08	Ossabaw
2309	494847	3516947	494490	3517307	1.71	5.45	2.00	0.30	1.09	0.07	Ossabaw
2310	494830	3516900	494464	3517281	1.78	5.69	2.09	0.29	1.13	0.07	Ossabaw
2311	494810	3516854	494423	3517239	1.86	5.82	2.18	0.29	1.17	0.07	Ossabaw
2312	494791	3516808	494382	3517201	1.96	6.00	2.29	0.30	1.23	0.07	Ossabaw
2313	494775	3516760	494339	3517158	2.05	6.23	2.40	0.30	1.30	0.08	Ossabaw
2314	494758	3516713	494305	3517114	2.08	6.38	2.45	0.29	1.30	0.07	Ossabaw
2315	494746	3516665	494261	3517063	2.14	6.57	2.53	0.29	1.33	0.07	Ossabaw
2316	494732	3516617	494234	3517030	2.19	6.79	2.59	0.29	1.35	0.07	Ossabaw
2317	494720	3516568	494204	3517000	2.27	7.05	2.68	0.29	1.39	0.07	Ossabaw
2318	494706	3516520	494189	3516975	2.28	7.23	2.70	0.28	1.37	0.06	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2319	494694	3516472	494169	3516953	2.35	7.47	2.77	0.28	1.40	0.06	Ossabaw
2320	494678	3516424	494105	3516892	2.45	7.73	2.90	0.28	1.48	0.06	Ossabaw
2321	494662	3516377	494040	3516828	2.57	8.04	3.03	0.28	1.55	0.06	Ossabaw
2322	494646	3516330	493970	3516765	2.71	8.51	3.20	0.28	1.65	0.06	Ossabaw
2323	494628	3516283	493910	3516701	2.69	8.97	3.21	0.27	1.59	0.05	Ossabaw
2324	494607	3516238	493919	3516603	4.36	10.58	5.62	0.62	6.07	0.60	Ossabaw
2325	494583	3516194	493919	3516602	4.58	9.67	5.71	0.65	6.04	0.62	Ossabaw
2326	494558	3516151	493917	3516600	4.75	9.63	5.90	0.67	6.25	0.65	Ossabaw
2327	494533	3516107	493908	3516589	2.18	8.65	2.77	0.22	1.13	0.03	Ossabaw
2328	494508	3516065	493892	3516571	2.32	8.51	2.92	0.24	1.28	0.04	Ossabaw
2329	494487	3516019	493865	3516540	2.38	8.66	3.01	0.25	1.34	0.04	Ossabaw
2330	494467	3515974	493833	3516503	2.39	8.91	3.07	0.25	1.35	0.04	Ossabaw
2331	494445	3515929	493794	3516457	2.39	9.17	3.11	0.24	1.34	0.04	Ossabaw
2332	494425	3515883	493759	3516412	2.39	9.37	3.12	0.24	1.32	0.04	Ossabaw
2333	494401	3515839	493723	3516366	2.38	9.56	3.14	0.23	1.30	0.03	Ossabaw
2334	494370	3515800	493693	3516328	2.40	9.67	3.18	0.23	1.33	0.03	Ossabaw
2335	494336	3515765	493663	3516290	2.45	9.73	3.26	0.24	1.43	0.04	Ossabaw
2336	494320	3515717	493635	3516253	2.48	10.87	3.67	0.37	2.18	0.09	Ossabaw
2337	494293	3515680	493607	3516217	2.51	11.26	3.16	0.29	1.57	0.07	Ossabaw
2338	494291	3515647	493592	3516199	2.53	9.97	3.38	0.25	1.54	0.04	Ossabaw
2339	494293	3515599	493573	3516174	2.55	10.60	3.42	0.24	1.52	0.04	Ossabaw
2340	494277	3515552	493547	3516141	2.56	10.85	3.45	0.24	1.52	0.04	Ossabaw
2341	494258	3515506	493514	3516101	2.61	11.04	3.52	0.24	1.57	0.04	Ossabaw
2342	494238	3515460	493481	3516061	2.68	11.21	3.60	0.25	1.65	0.04	Ossabaw
2343	494214	3515416	493446	3516019	2.73	11.32	3.66	0.25	1.72	0.05	Ossabaw
2344	494192	3515371	493417	3515979	2.75	11.50	3.70	0.26	1.75	0.05	Ossabaw
2345	494166	3515329	493391	3515946	2.77	11.56	3.73	0.26	1.77	0.05	Ossabaw
2346	494134	3515291	493373	3515922	2.80	11.49	3.76	0.27	1.82	0.05	Ossabaw
2347	494103	3515251	493342	3515887	2.85	11.56	3.82	0.28	1.91	0.06	Ossabaw
2348	494066	3515218	493310	3515852	2.93	11.50	3.91	0.29	2.04	0.07	Ossabaw
2349	494026	3515187	493275	3515812	2.98	16.79	4.25	0.40	2.92	0.14	Ossabaw
2350	493989	3515154	493237	3515763	3.03	18.92	4.38	0.42	3.24	0.16	Ossabaw
2351	493958	3515116	493197	3515712	3.06	20.74	4.48	0.42	3.46	0.17	Ossabaw
2352	493929	3515075	493168	3515675	3.10	21.83	4.55	0.42	3.59	0.18	Ossabaw
2353	493899	3515035	493140	3515639	3.07	22.97	4.57	0.41	3.67	0.17	Ossabaw
2354	493866	3514997	493110	3515602	3.04	23.97	4.59	0.40	3.73	0.17	Ossabaw
2355	493833	3514960	493081	3515566	3.08	24.75	4.65	0.40	3.86	0.18	Ossabaw
2356	493797	3514925	493052	3515530	3.13	25.13	4.71	0.41	3.97	0.19	Ossabaw
2357	493756	3514897	493023	3515494	3.14	25.39	4.71	0.41	4.04	0.19	Ossabaw
2358	493713	3514871	492994	3515458	3.18	25.56	4.72	0.41	4.13	0.20	Ossabaw
2359	493668	3514850	492966	3515424	3.18	25.45	4.73	0.42	4.19	0.21	Ossabaw
2360	493621	3514833	492938	3515391	3.19	25.03	4.75	0.42	4.25	0.22	Ossabaw
2361	493572	3514821	492913	3515359	3.20	24.53	4.75	0.43	4.30	0.24	Ossabaw
2362	493524	3514809	492886	3515327	3.21	24.06	4.75	0.44	4.35	0.25	Ossabaw
2363	493482	3514784	492861	3515296	3.20	23.55	4.74	0.45	4.38	0.26	Ossabaw
2364	493451	3514745	492839	3515269	3.19	22.92	4.72	0.45	4.38	0.27	Ossabaw
2365	493422	3514705	492823	3515249	3.18	22.54	4.72	0.46	4.41	0.28	Ossabaw
2366	493391	3514665	492812	3515236	3.19	22.16	4.72	0.46	4.43	0.29	Ossabaw
2367	493357	3514628	492807	3515232	3.21	21.80	4.74	0.47	4.46	0.31	Ossabaw
2368	493324	3514591	492785	3515215	3.22	21.72	4.75	0.47	4.49	0.31	Ossabaw
2369	493289	3514555	492758	3515194	3.22	21.43	4.75	0.47	4.51	0.32	Ossabaw
2370	493256	3514518	492731	3515170	3.23	21.16	4.75	0.48	4.53	0.33	Ossabaw
2371	493225	3514479	492690	3515134	3.18	20.92	4.71	0.47	4.50	0.33	Ossabaw
2372	493193	3514440	492642	3515097	3.10	20.93	4.64	0.46	4.44	0.33	Ossabaw
2373	493160	3514402	492597	3515059	3.00	20.86	4.57	0.45	4.36	0.32	Ossabaw
2374	493125	3514367	492550	3515019	6.86	18.89	6.37	0.57	7.13	0.48	Ossabaw
2375	493091	3514331	492506	3514978	2.78	20.62	4.38	0.43	4.18	0.31	Ossabaw
2376	493056	3514294	492465	3514937	2.95	20.01	4.48	0.45	4.36	0.34	Ossabaw
2377	493021	3514259	492418	3514895	2.96	19.77	4.47	0.45	4.38	0.35	Ossabaw
2378	492985	3514224	492386	3514865	2.88	19.89	4.40	0.44	4.31	0.34	Ossabaw
2379	492949	3514190	492356	3514837	2.81	19.87	4.33	0.43	4.24	0.33	Ossabaw
2380	492909	3514160	492323	3514804	2.75	19.56	4.25	0.43	4.18	0.33	Ossabaw
2381	492872	3514126	492296	3514780	2.71	19.48	4.21	0.42	4.15	0.33	Ossabaw
2382	492831	3514097	492260	3514749	2.65	19.37	4.13	0.42	4.09	0.33	Ossabaw
2383	492789	3514070	492225	3514720	2.59	19.05	4.04	0.41	4.03	0.33	Ossabaw
2384	492745	3514048	492192	3514696	2.55	18.50	3.95	0.41	3.99	0.34	Ossabaw
2385	492698	3514031	492161	3514665	2.55	17.95	3.88	0.42	3.96	0.34	Ossabaw
2386	492651	3514013	492132	3514641	2.59	17.19	3.85	0.43	3.98	0.36	Ossabaw
2387	492604	3513995	492119	3514631	2.63	16.66	3.83	0.44	4.00	0.38	Ossabaw
2388	492560	3513972	492106	3514620	2.79	15.92	3.91	0.46	4.16	0.41	Ossabaw
2389	492514	3513954	492042	3514585	2.71	15.47	3.79	0.45	4.08	0.41	Ossabaw
2390	492467	3513937	491974	3514571	2.61	15.79	3.66	0.41	4.05	0.39	Ossabaw
2391	492420	3513919	491933	3514516	2.60	14.54	3.56	0.42	3.99	0.41	Ossabaw
2392	492372	3513903	491854	3514419	2.56	12.78	3.40	0.42	3.88	0.43	Ossabaw
2393	492323	3513898	491768	3514340	2.56	11.59	3.25	0.39	3.86	0.43	Ossabaw
2394	492273	3513902	491736	3514299	2.58	12.59	3.05	0.32	3.81	0.35	Ossabaw
2395	492224	3513909	491713	3514263	2.61	11.35	2.98	0.33	3.77	0.36	Ossabaw
2396	492180	3513892	491683	3514204	2.57	9.06	2.70	0.34	3.55	0.37	Ossabaw
2397	492150	3513852	491660	3514172	2.58	9.54	2.75	0.34	3.59	0.37	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2398	492116	3513817	491638	3514142	2.57	9.09	2.70	0.34	3.53	0.37	Ossabaw
2399	492078	3513787	491619	3514113	2.50	8.86	2.59	0.33	3.42	0.36	Ossabaw
2400	492044	3513749	491600	3514084	2.49	8.88	2.51	0.32	3.37	0.35	Ossabaw
2401	492016	3513710	491588	3514065	2.51	8.86	2.47	0.31	3.35	0.34	Ossabaw
2402	491984	3513671	491582	3514057	2.53	8.84	2.44	0.30	3.35	0.34	Ossabaw
2403	491959	3513628	491544	3514038	2.59	9.21	2.44	0.29	3.39	0.32	Ossabaw
2404	491925	3513593	491507	3514005	2.56	9.23	2.39	0.28	3.34	0.32	Ossabaw
2405	491892	3513556	491473	3513965	2.56	9.07	2.36	0.28	3.31	0.31	Ossabaw
2406	491861	3513516	491429	3513908	2.58	8.84	2.35	0.28	3.31	0.32	Ossabaw
2407	491829	3513478	491380	3513850	2.59	8.67	2.35	0.29	3.31	0.32	Ossabaw
2408	491796	3513440	491348	3513810	2.59	8.45	2.34	0.29	3.31	0.32	Ossabaw
2409	491762	3513404	491314	3513767	2.59	8.24	2.31	0.29	3.28	0.32	Ossabaw
2410	491728	3513367	491280	3513723	2.58	8.01	2.28	0.29	3.25	0.33	Ossabaw
2411	491693	3513332	491251	3513685	2.56	7.81	2.25	0.28	3.22	0.33	Ossabaw
2412	491658	3513296	491219	3513644	2.54	7.67	2.20	0.29	3.16	0.33	Ossabaw
2413	491623	3513260	491193	3513612	2.52	7.56	2.16	0.28	3.12	0.33	Ossabaw
2414	491589	3513224	491173	3513588	2.50	7.50	2.15	0.28	3.10	0.33	Ossabaw
2415	491554	3513188	491135	3513545	2.48	7.48	2.11	0.28	3.06	0.32	Ossabaw
2416	491519	3513152	491101	3513511	2.45	7.58	2.07	0.27	3.01	0.32	Ossabaw
2417	491485	3513116	491068	3513473	2.43	7.53	2.03	0.27	2.96	0.31	Ossabaw
2418	491450	3513080	491038	3513430	2.39	7.20	1.95	0.26	2.89	0.31	Ossabaw
2419	491415	3513044	491004	3513392	2.36	8.89	1.36	0.12	2.52	0.24	Ossabaw
2420	491381	3513007	490990	3513375	2.33	9.18	1.30	0.11	2.46	0.23	Ossabaw
2421	491346	3512972	490932	3513328	2.30	9.80	1.19	0.09	2.37	0.22	Ossabaw
2422	491313	3512935	490880	3513288	2.26	10.02	1.13	0.08	2.30	0.21	Ossabaw
2423	491280	3512897	490844	3513241	2.24	9.89	1.12	0.08	2.27	0.21	Ossabaw
2424	491243	3512863	490818	3513188	2.19	9.48	1.12	0.09	2.25	0.21	Ossabaw
2425	491207	3512828	490787	3513128	2.15	9.03	1.12	0.09	2.23	0.22	Ossabaw
2426	491171	3512794	490768	3513106	2.09	8.80	1.09	0.09	2.18	0.21	Ossabaw
2427	491135	3512759	490745	3513079	2.03	8.65	1.05	0.09	2.12	0.21	Ossabaw
2428	491100	3512723	490721	3513052	1.99	8.72	1.01	0.08	2.06	0.20	Ossabaw
2429	491066	3512686	490690	3513012	1.94	8.68	0.96	0.08	2.00	0.20	Ossabaw
2430	491033	3512649	490652	3512971	1.92	8.58	0.95	0.07	1.99	0.19	Ossabaw
2431	490998	3512613	490620	3512935	1.88	8.41	0.93	0.07	1.96	0.19	Ossabaw
2432	490965	3512576	490592	3512904	1.88	8.34	0.94	0.07	1.98	0.19	Ossabaw
2433	490932	3512539	490557	3512859	1.83	8.08	0.91	0.07	1.96	0.19	Ossabaw
2434	490896	3512503	490526	3512827	1.80	8.04	0.89	0.07	1.94	0.19	Ossabaw
2435	490863	3512467	490499	3512797	1.74	7.92	0.84	0.06	1.89	0.18	Ossabaw
2436	490827	3512432	490473	3512767	1.73	7.94	0.83	0.06	1.89	0.18	Ossabaw
2437	490790	3512398	490440	3512734	1.66	7.90	0.77	0.05	1.83	0.17	Ossabaw
2438	490755	3512362	490414	3512709	1.57	7.75	0.70	0.04	1.75	0.16	Ossabaw
2439	490720	3512326	490380	3512676	1.56	7.72	0.69	0.04	1.76	0.16	Ossabaw
2440	490686	3512290	490345	3512645	1.52	7.66	0.66	0.04	1.73	0.15	Ossabaw
2441	490651	3512255	490305	3512605	1.44	7.53	0.60	0.03	1.66	0.14	Ossabaw
2442	490614	3512221	490269	3512568	1.38	7.45	0.54	0.03	1.60	0.14	Ossabaw
2443	490579	3512185	490233	3512529	1.34	7.37	0.51	0.02	1.58	0.13	Ossabaw
2444	490546	3512147	490200	3512493	1.32	7.35	0.50	0.02	1.57	0.13	Ossabaw
2445	490510	3512113	490164	3512458	1.22	7.22	0.41	0.01	1.48	0.12	Ossabaw
2446	490474	3512078	490130	3512424	1.23	7.36	0.40	0.01	1.49	0.12	Ossabaw
2447	490434	3512048	490097	3512394	1.18	7.37	0.36	0.01	1.45	0.11	Ossabaw
2448	490394	3512020	490062	3512359	1.06	7.21	0.26	0.01	1.34	0.10	Ossabaw
2449	490358	3511985	490025	3512323	1.12	7.42	0.29	0.01	1.42	0.10	Ossabaw
2450	490320	3511952	489994	3512291	0.96	7.18	0.17	0.00	1.30	0.09	Ossabaw
2451	490283	3511919	489967	3512267	0.91	7.27	0.11	0.00	1.26	0.08	Ossabaw
2452	490246	3511885	489932	3512232	0.84	7.40	0.01	0.00	1.16	0.07	Ossabaw
2453	490208	3511853	489897	3512205	0.85	7.65	0.00	0.00	1.16	0.07	Ossabaw
2454	490172	3511818	489870	3512182	0.83	7.74	-0.03	0.00	1.15	0.06	Ossabaw
2455	490134	3511786	489842	3512158	0.76	7.71	-0.10	0.00	1.09	0.06	Ossabaw
2456	490097	3511752	489798	3512123	0.68	7.59	-0.16	0.00	1.04	0.05	Ossabaw
2457	490059	3511720	489760	3512096	0.58	7.50	-0.24	0.00	0.97	0.04	Ossabaw
2458	490020	3511689	489721	3512068	0.55	7.53	-0.27	0.00	0.97	0.04	Ossabaw
2459	489980	3511658	489679	3512031	0.49	7.44	-0.31	0.01	0.93	0.04	Ossabaw
2460	489940	3511628	489628	3511988	0.48	7.25	-0.30	0.01	0.91	0.04	Ossabaw
2461	489900	3511599	489587	3511952	0.45	7.20	-0.32	0.01	0.87	0.04	Ossabaw
2462	489859	3511571	489546	3511916	0.36	7.09	-0.39	0.01	0.80	0.03	Ossabaw
2463	489816	3511546	489502	3511873	0.23	6.91	-0.49	0.02	0.67	0.02	Ossabaw
2464	489773	3511519	489465	3511837	-0.16	6.20	-0.78	0.05	0.29	0.00	Ossabaw
2465	489729	3511496	489429	3511800	-0.09	6.40	-0.74	0.04	0.36	0.01	Ossabaw
2466	489686	3511472	489397	3511769	-0.20	6.28	-0.83	0.06	0.24	0.00	Ossabaw
2467	489646	3511442	489359	3511733	-0.27	6.21	-0.88	0.07	0.19	0.00	Ossabaw
2468	489610	3511407	489326	3511700	-0.36	5.97	-0.93	0.07	0.12	0.00	Ossabaw
2469	489575	3511372	489284	3511658	-0.49	5.77	-1.05	0.10	-0.05	0.00	Ossabaw
2470	489539	3511337	489248	3511623	-0.63	5.55	-1.16	0.13	-0.20	0.00	Ossabaw
2471	489504	3511302	489209	3511583	-0.80	5.26	-1.29	0.17	-0.38	0.01	Ossabaw
2472	489470	3511265	489169	3511540	-0.93	5.01	-1.40	0.20	-0.51	0.02	Ossabaw
2473	489436	3511228	489133	3511500	-1.04	4.86	-1.49	0.22	-0.59	0.03	Ossabaw
2474	489403	3511191	489103	3511467	-1.16	4.68	-1.59	0.25	-0.71	0.04	Ossabaw
2475	489369	3511154	489077	3511435	-1.26	4.59	-1.68	0.28	-0.82	0.06	Ossabaw
2476	489335	3511117	489036	3511395	-1.39	4.42	-1.79	0.33	-0.95	0.08	Ossabaw

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2477	489302	3511080	489001	3511364	-1.51	4.30	-1.89	0.36	-1.08	0.11	Ossabaw
2478	489268	3511043	488972	3511335	-1.62	4.22	-2.00	0.40	-1.20	0.14	Ossabaw
2479	489234	3511007	488950	3511302	-1.73	4.07	-2.10	0.45	-1.34	0.19	Ossabaw
2480	489200	3510970	488923	3511271	-1.88	3.90	-2.23	0.51	-1.50	0.25	Ossabaw
2481	489165	3510934	488894	3511251	-2.01	3.75	-2.34	0.56	-1.66	0.31	Ossabaw
2482	489129	3510899	488866	3511230	-2.12	3.65	-2.44	0.61	-1.79	0.37	Ossabaw
2483	489094	3510864	488841	3511209	-2.30	3.39	-2.58	0.68	-1.98	0.47	Ossabaw
2484	489055	3510832	488818	3511188	-3.59	2.80	-3.75	0.93	-3.68	0.90	Ossabaw
2485	489015	3510802	488799	3511171	-3.59	2.76	-3.72	0.94	-3.65	0.90	Ossabaw
2486	488976	3510771	488759	3511177	-3.57	2.73	-3.68	0.95	-3.59	0.91	Ossabaw
2487	488936	3510741	488688	3511124	-3.06	2.12	-3.09	0.94	-2.86	0.91	Ossabaw
2488	488896	3510711	488600	3511066	-3.10	1.93	-3.10	0.97	-2.96	0.95	Ossabaw
2489	488858	3510679	488513	3511000	-3.16	2.17	-3.10	0.97	-3.01	0.95	Ossabaw
2490	488819	3510647	488461	3510904	-2.94	2.22	-2.91	0.96	-2.78	0.94	Ossabaw
2491	488775	3510624	488425	3510830	-2.71	2.09	-2.70	0.96	-2.56	0.93	Ossabaw
2492	488731	3510600	488395	3510789	-2.57	2.05	-2.55	0.96	-2.42	0.93	Ossabaw
2493	488687	3510576	488373	3510756	-2.40	1.88	-2.39	0.96	-2.27	0.93	Ossabaw
2494	488642	3510555	488353	3510725	-2.20	1.64	-2.19	0.97	-2.10	0.94	Ossabaw
2495	488593	3510542	488341	3510696	-1.93	1.35	-1.92	0.97	-1.85	0.95	Ossabaw
2496	488545	3510529	488325	3510664	-1.69	1.14	-1.68	0.98	-1.63	0.96	Ossabaw
2497	488498	3510512	488306	3510643	-1.51	0.93	-1.50	0.99	-1.49	0.97	Ossabaw
2498	488452	3510493	488287	3510614	-1.32	0.83	-1.30	0.98	-1.32	0.96	Ossabaw
2499	488405	3510475	488265	3510581	-1.13	0.81	-1.11	0.97	-1.15	0.94	Ossabaw
2500	488359	3510457	488237	3510546	-0.96	0.82	-0.94	0.92	-1.00	0.88	Ossabaw
2501	488312	3510438	488212	3510512	-0.78	0.91	-0.75	0.83	-0.84	0.78	Ossabaw
2502	488265	3510422	488188	3510479	-0.58	1.10	-0.57	0.65	-0.67	0.60	Ossabaw
2503	488230	3510387	488163	3510444	-0.35	1.19	-0.34	0.29	-0.47	0.33	Ossabaw
2504	488199	3510349	488139	3510411	-0.15	1.42	-0.13	0.04	-0.28	0.12	Ossabaw
2505	488169	3510309	488113	3510383	0.01	1.66	0.04	0.00	-0.13	0.02	Ossabaw
2506	488135	3510272	488080	3510369	0.13	1.57	0.20	0.06	-0.02	0.00	Ossabaw
2507	488101	3510235	488052	3510358	0.23	1.68	0.34	0.14	0.09	0.01	Ossabaw
2508	488101	3510235	488052	3510358	0.24	1.68	0.34	0.14	0.09	0.01	Ossabaw
2509	484917	3492602	484603	3492789	-2.28	0.66	-2.36	0.99	-2.29	0.99	St Catherines
2510	484899	3492556	484562	3492711	-2.32	0.66	-2.40	0.99	-2.32	0.99	St Catherines
2511	484880	3492509	484553	3492695	-2.35	0.70	-2.43	0.99	-2.35	0.98	St Catherines
2512	484862	3492463	484524	3492639	-2.43	0.76	-2.52	0.99	-2.44	0.99	St Catherines
2513	484843	3492416	484498	3492601	-2.48	0.75	-2.56	0.99	-2.49	0.99	St Catherines
2514	484825	3492370	484474	3492556	-2.52	0.72	-2.60	0.99	-2.52	0.99	St Catherines
2515	484806	3492323	484459	3492520	-2.58	0.78	-2.67	0.99	-2.58	0.99	St Catherines
2516	484787	3492277	484434	3492473	-2.65	0.78	-2.73	0.99	-2.64	0.99	St Catherines
2517	484768	3492231	484416	3492446	-2.71	0.77	-2.79	0.99	-2.71	0.99	St Catherines
2518	484747	3492186	484397	3492417	-2.75	0.75	-2.84	0.99	-2.75	0.99	St Catherines
2519	484730	3492139	484376	3492385	-2.85	0.78	-2.93	0.99	-2.84	0.99	St Catherines
2520	484722	3492089	484351	3492349	-3.00	0.75	-3.09	0.99	-2.98	0.99	St Catherines
2521	484705	3492043	484331	3492322	-3.11	0.70	-3.19	0.99	-3.09	0.99	St Catherines
2522	484686	3491996	484307	3492293	-3.19	0.66	-3.27	0.99	-3.16	0.99	St Catherines
2523	484671	3491949	484281	3492260	-3.32	0.63	-3.39	0.99	-3.28	0.98	St Catherines
2524	484662	3491900	484262	3492236	-3.48	0.62	-3.54	0.99	-3.43	0.98	St Catherines
2525	484650	3491851	484244	3492214	-3.62	0.68	-3.68	0.99	-3.55	0.98	St Catherines
2526	484636	3491803	484222	3492190	-3.78	0.66	-3.82	0.99	-3.70	0.98	St Catherines
2527	484627	3491754	484209	3492175	-3.96	0.79	-4.01	0.99	-3.87	0.98	St Catherines
2528	484632	3491705	484191	3492159	-4.20	0.89	-4.25	0.99	-4.09	0.98	St Catherines
2529	484640	3491656	484166	3492139	-4.53	1.13	-4.57	0.98	-4.40	0.98	St Catherines
2530	484610	3491617	484132	3492107	-4.58	1.29	-4.62	0.99	-4.46	0.98	St Catherines
2531	484593	3491570	484086	3492060	-4.73	1.74	-4.78	0.99	-4.61	0.98	St Catherines
2532	484580	3491522	484043	3492014	-4.88	2.31	-4.93	0.98	-4.75	0.98	St Catherines
2533	484563	3491475	484013	3491980	-5.01	2.62	-5.07	0.98	-4.87	0.97	St Catherines
2534	484548	3491427	483991	3491953	-5.14	2.85	-5.21	0.98	-4.98	0.97	St Catherines
2535	484538	3491378	483971	3491929	-5.31	3.09	-5.39	0.98	-5.14	0.96	St Catherines
2536	484530	3491329	483967	3491926	-5.50	3.25	-5.60	0.97	-5.32	0.96	St Catherines
2537	484519	3491280	483964	3491923	-5.69	3.38	-5.80	0.97	-5.49	0.96	St Catherines
2538	484505	3491232	483960	3491919	-5.88	3.52	-5.99	0.97	-5.66	0.95	St Catherines
2539	484489	3491185	483954	3491915	-6.06	3.67	-6.18	0.97	-5.82	0.95	St Catherines
2540	484470	3491138	483935	3491903	-6.23	3.82	-6.36	0.97	-5.98	0.95	St Catherines
2541	484446	3491095	483899	3491881	-6.39	3.89	-6.50	0.97	-6.14	0.95	St Catherines
2542	484425	3491049	483863	3491856	-6.57	3.82	-6.64	0.97	-6.30	0.95	St Catherines
2543	484406	3491003	483801	3491811	-6.73	3.66	-6.77	0.97	-6.46	0.96	St Catherines
2544	484389	3490956	483740	3491767	-6.90	3.48	-6.89	0.98	-6.60	0.96	St Catherines
2545	484377	3490908	483695	3491734	-7.10	3.35	-7.06	0.98	-6.77	0.96	St Catherines
2546	484353	3490864	483662	3491706	-7.19	3.18	-7.15	0.97	-6.86	0.96	St Catherines
2547	484324	3490823	483635	3491676	-7.27	3.09	-7.23	0.98	-6.93	0.96	St Catherines
2548	484296	3490781	483633	3491675	-7.38	3.10	-7.34	0.98	-7.04	0.96	St Catherines
2549	484267	3490741	483626	3491670	-7.49	3.08	-7.46	0.98	-7.15	0.96	St Catherines
2550	484237	3490700	483611	3491661	-7.61	2.98	-7.58	0.98	-7.27	0.97	St Catherines
2551	484207	3490661	483595	3491651	-7.73	2.90	-7.70	0.98	-7.40	0.97	St Catherines
2552	484175	3490622	483575	3491638	-7.85	2.82	-7.82	0.98	-7.53	0.97	St Catherines
2553	484139	3490588	483551	3491624	-7.92	2.83	-7.88	0.98	-7.60	0.97	St Catherines
2554	484102	3490554	483515	3491604	-8.00	2.97	-7.94	0.98	-7.67	0.97	St Catherines
2555	484064	3490522	483486	3491591	-8.06	3.22	-7.98	0.98	-7.71	0.97	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2556	484025	3490491	483459	3491576	-8.12	3.48	-8.01	0.98	-7.74	0.97	St Catherines
2557	483981	3490467	483436	3491564	-8.13	3.62	-8.00	0.98	-7.73	0.96	St Catherines
2558	483936	3490446	483417	3491552	-8.12	3.64	-7.97	0.98	-7.72	0.97	St Catherines
2559	483891	3490424	483415	3491551	-8.13	3.80	-7.95	0.97	-7.72	0.97	St Catherines
2560	483846	3490402	483413	3491550	-8.17	3.94	-7.97	0.97	-7.74	0.96	St Catherines
2561	483801	3490380	483412	3491550	-8.20	4.09	-7.99	0.97	-7.77	0.96	St Catherines
2562	483755	3490361	483410	3491549	-8.24	4.28	-8.01	0.97	-7.78	0.96	St Catherines
2563	483708	3490343	483378	3491546	-8.33	4.55	-8.05	0.97	-7.86	0.96	St Catherines
2564	483660	3490330	483345	3491545	-8.41	4.50	-8.12	0.97	-7.96	0.96	St Catherines
2565	483612	3490315	483299	3491557	-8.49	4.10	-8.23	0.98	-8.08	0.97	St Catherines
2566	483564	3490303	483266	3491514	-8.34	3.61	-8.13	0.98	-7.95	0.97	St Catherines
2567	483514	3490297	483224	3491504	-8.29	3.31	-8.10	0.98	-7.94	0.98	St Catherines
2568	483465	3490291	483202	3491498	-8.26	3.09	-8.08	0.98	-7.93	0.98	St Catherines
2569	483415	3490287	483179	3491494	-8.23	2.53	-8.10	0.99	-7.95	0.98	St Catherines
2570	483365	3490290	483164	3491492	-8.14	1.63	-8.17	0.99	-7.97	0.99	St Catherines
2571	483319	3490309	483154	3491489	-7.96	1.35	-7.98	0.99	-7.81	0.99	St Catherines
2572	483274	3490330	483143	3491488	-7.78	1.10	-7.79	1.00	-7.65	0.99	St Catherines
2573	483234	3490360	483143	3491488	-7.55	0.81	-7.55	1.00	-7.45	1.00	St Catherines
2574	483196	3490393	483143	3491488	-7.30	0.50	-7.30	1.00	-7.24	1.00	St Catherines
2575	483165	3490431	483138	3491487	-7.02	0.15	-7.02	1.00	-7.00	1.00	St Catherines
2576	483136	3490473	483138	3491487	-6.74	0.30	-6.73	1.00	-6.76	1.00	St Catherines
2577	483107	3490513	483136	3491487	-6.48	0.70	-6.47	1.00	-6.54	1.00	St Catherines
2578	483074	3490550	483129	3491488	-6.23	1.30	-6.22	1.00	-6.33	0.99	St Catherines
2579	483043	3490590	483123	3491488	-5.98	1.89	-5.97	0.99	-6.12	0.99	St Catherines
2580	483015	3490631	483119	3491488	-5.71	2.45	-5.71	0.99	-5.90	0.98	St Catherines
2581	482989	3490673	483117	3491489	-5.45	2.98	-5.45	0.98	-5.68	0.97	St Catherines
2582	482961	3490715	483100	3491492	-5.19	1.17	-5.18	0.99	-5.33	0.99	St Catherines
2583	482933	3490757	483084	3491498	-4.93	0.41	-4.89	1.00	-4.91	1.00	St Catherines
2584	482913	3490802	483050	3491503	-4.65	2.05	-4.67	0.99	-4.61	0.98	St Catherines
2585	482892	3490848	483050	3491503	-4.38	2.61	-4.41	0.99	-4.38	0.97	St Catherines
2586	482881	3490896	483045	3491505	-3.64	3.21	-3.65	0.98	-3.74	0.95	St Catherines
2587	482914	3490921	483050	3491503	-3.84	2.63	-3.84	0.99	-3.91	0.97	St Catherines
2588	482894	3490967	483045	3491505	-3.60	3.30	-3.62	0.97	-3.71	0.95	St Catherines
2589	482872	3491011	483025	3491513	-3.36	1.90	-3.33	0.98	-3.30	0.97	St Catherines
2590	482875	3491058	483023	3491514	-2.64	1.86	-2.59	0.98	-2.66	0.97	St Catherines
2591	482863	3491099	483012	3491518	-2.87	1.82	-2.67	0.96	-2.64	0.95	St Catherines
2592	482827	3491134	482978	3491527	-2.71	2.08	-2.50	0.94	-2.44	0.91	St Catherines
2593	482790	3491167	482944	3491540	-2.44	1.33	-2.48	0.99	-2.47	0.98	St Catherines
2594	482764	3491209	482927	3491548	-2.29	1.13	-2.36	0.99	-2.35	0.98	St Catherines
2595	482748	3491256	482914	3491555	-2.19	1.87	-2.30	0.97	-2.26	0.94	St Catherines
2596	482726	3491299	482900	3491563	-2.00	1.86	-2.14	0.96	-2.10	0.93	St Catherines
2597	482716	3491348	482893	3491567	-1.79	1.66	-1.92	0.96	-1.89	0.94	St Catherines
2598	482692	3491391	482881	3491574	-1.67	1.55	-1.81	0.95	-1.77	0.94	St Catherines
2599	482679	3491439	482857	3491620	-1.44	2.78	-1.67	0.85	-1.55	0.74	St Catherines
2600	482650	3491479	482835	3491668	-1.35	2.88	-1.62	0.81	-1.47	0.70	St Catherines
2601	482625	3491523	482810	3491712	-1.39	2.72	-1.65	0.84	-1.52	0.76	St Catherines
2602	482610	3491570	482774	3491733	-1.31	2.20	-1.50	0.88	-1.42	0.81	St Catherines
2603	482602	3491618	482736	3491745	-1.16	1.63	-1.28	0.92	-1.25	0.86	St Catherines
2604	482582	3491664	482722	3491762	-1.09	1.48	-1.17	0.93	-1.17	0.88	St Catherines
2605	482566	3491711	482715	3491783	-1.03	1.03	-1.07	0.95	-1.10	0.93	St Catherines
2606	482551	3491759	482697	3491818	-1.00	1.12	-1.01	0.92	-1.08	0.90	St Catherines
2607	482542	3491808	482684	3491867	-0.68	1.69	-0.62	0.60	-0.68	0.50	St Catherines
2608	482520	3491852	482661	3491913	-0.50	1.12	-0.44	0.56	-0.46	0.48	St Catherines
2609	482505	3491900	482643	3491949	-0.31	1.20	-0.30	0.54	-0.36	0.44	St Catherines
2610	482495	3491949	482616	3492001	-0.79	2.42	-0.64	0.51	-1.16	0.83	St Catherines
2611	482494	3491999	482612	3492040	-0.01	2.34	-0.13	0.09	-0.28	0.16	St Catherines
2612	482503	3492048	482601	3492070	-0.59	2.25	-0.44	0.40	-0.83	0.80	St Catherines
2613	482512	3492097	482586	3492111	-0.42	1.59	-0.30	0.36	-0.43	0.74	St Catherines
2614	482509	3492147	482579	3492164	-0.37	1.54	-0.24	0.31	-0.43	0.61	St Catherines
2615	482479	3492184	482566	3492207	-0.30	1.86	-0.14	0.07	-0.51	0.65	St Catherines
2616	482477	3492226	482549	3492250	-0.25	2.08	-0.12	0.06	-0.27	0.43	St Catherines
2617	482475	3492276	482541	3492294	-0.21	1.40	-0.09	0.05	-0.40	0.64	St Catherines
2618	482473	3492325	482519	3492339	-0.05	1.18	0.02	0.01	-0.13	0.31	St Catherines
2619	482466	3492374	482524	3492385	-0.11	1.39	-0.01	0.00	-0.21	0.44	St Catherines
2620	482455	3492422	482520	3492426	-0.13	1.59	-0.02	0.00	-0.23	0.43	St Catherines
2621	482468	3492470	482515	3492468	-0.10	0.95	-0.02	0.01	-0.18	0.53	St Catherines
2622	482441	3492501	482519	3492495	-0.25	0.00	-0.25	1.00	-0.25	1.00	St Catherines
2623	482395	3492521	482521	3492512	-0.27	0.03	-0.27	1.00	-0.27	1.00	St Catherines
2624	482353	3492511	482519	3492495	-0.25	0.00	-0.25	1.00	-0.25	1.00	St Catherines
2625	482306	3492524	482521	3492520	-1.34	1.23	-1.40	0.82	-0.81	0.65	St Catherines
2626	482263	3492549	482529	3492578	-1.64	4.94	-1.38	0.46	-0.85	0.38	St Catherines
2627	482255	3492598	482546	3492674	-0.24	7.90	-1.17	0.14	-1.61	0.20	St Catherines
2628	482224	3492636	482500	3492763	-1.64	6.31	-1.13	0.37	-1.89	0.65	St Catherines
2629	482206	3492679	482422	3492824	-1.21	7.69	-0.74	0.12	-0.55	0.15	St Catherines
2630	482201	3492728	482375	3492876	-1.11	6.94	-0.66	0.12	-0.67	0.25	St Catherines
2631	482192	3492777	482346	3492894	-0.95	5.84	-0.56	0.12	-0.56	0.25	St Catherines
2632	482165	3492818	482327	3492926	-0.62	5.51	-0.27	0.04	-0.19	0.04	St Catherines
2633	482132	3492853	482322	3492940	-0.41	5.82	-0.08	0.00	0.11	0.01	St Catherines
2634	482135	3492903	482297	3492964	0.03	4.28	0.22	0.03	0.69	0.36	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2635	482136	3492951	482285	3493024	0.14	3.94	0.28	0.06	0.82	0.45	St Catherines
2636	482123	3492999	482273	3493077	-0.23	4.46	-0.02	0.00	0.27	0.09	St Catherines
2637	482105	3493046	482249	3493118	-0.18	4.14	0.03	0.00	0.28	0.11	St Catherines
2638	482096	3493095	482208	3493144	0.03	3.09	0.24	0.09	0.16	0.10	St Catherines
2639	482090	3493145	482205	3493205	0.17	2.77	0.31	0.14	0.54	0.48	St Catherines
2640	482077	3493193	482209	3493238	0.16	3.34	0.30	0.10	0.63	0.45	St Catherines
2641	482074	3493243	482192	3493260	0.06	2.85	0.19	0.07	0.37	0.33	St Catherines
2642	482076	3493292	482140	3493301	0.01	1.66	0.14	0.11	-0.06	0.05	St Catherines
2643	482063	3493340	482151	3493357	-0.15	2.17	0.01	0.00	-0.34	0.44	St Catherines
2644	482073	3493386	482149	3493386	-0.20	1.38	-0.07	0.03	-0.43	0.62	St Catherines
2645	482067	3493436	482141	3493426	-0.17	0.34	-0.15	0.35	-0.36	0.76	St Catherines
2646	482065	3493486	482144	3493473	-0.27	0.34	-0.26	0.67	-0.42	0.86	St Catherines
2647	482071	3493535	482162	3493505	-0.46	0.27	-0.43	0.96	-0.51	0.98	St Catherines
2648	482072	3493584	482176	3493530	-0.70	0.55	-0.67	0.97	-0.74	0.99	St Catherines
2649	482068	3493631	482193	3493563	-0.90	0.49	-0.87	0.98	-0.89	0.99	St Catherines
2650	482086	3493675	482227	3493594	-1.39	0.64	-1.40	0.96	-1.51	0.99	St Catherines
2651	482077	3493722	482236	3493611	-1.25	0.66	-1.19	0.98	-1.37	0.98	St Catherines
2652	482082	3493772	482251	3493661	-1.31	0.57	-1.29	0.98	-1.47	0.98	St Catherines
2653	482090	3493822	482292	3493692	-1.56	0.56	-1.53	0.96	-1.84	0.97	St Catherines
2654	482104	3493869	482306	3493717	-1.65	0.56	-1.63	0.96	-1.93	0.98	St Catherines
2655	482111	3493919	482331	3493738	-1.81	0.61	-1.80	0.97	-2.08	0.98	St Catherines
2656	482121	3493968	482352	3493786	-1.93	0.63	-1.92	0.97	-2.22	0.98	St Catherines
2657	482125	3494017	482383	3493812	-2.17	0.47	-2.16	0.99	-2.36	0.99	St Catherines
2658	482136	3494066	482420	3493859	-2.32	0.47	-2.33	0.99	-2.45	1.00	St Catherines
2659	482156	3494112	482467	3493906	-2.47	0.40	-2.49	1.00	-2.58	1.00	St Catherines
2660	482180	3494156	482516	3493975	-2.52	0.39	-2.51	1.00	-2.53	1.00	St Catherines
2661	482205	3494199	482531	3494041	-2.40	0.40	-2.42	0.99	-2.24	0.99	St Catherines
2662	482230	3494242	482560	3494075	-2.44	0.49	-2.45	0.99	-2.25	0.99	St Catherines
2663	482250	3494288	482571	3494113	-2.41	0.45	-2.45	1.00	-2.33	1.00	St Catherines
2664	482280	3494327	482587	3494146	-2.35	0.53	-2.40	1.00	-2.29	1.00	St Catherines
2665	482312	3494365	482596	3494154	-2.35	0.49	-2.37	1.00	-2.25	1.00	St Catherines
2666	482340	3494406	482666	3494186	-2.48	0.54	-2.44	1.00	-2.40	1.00	St Catherines
2667	482369	3494447	482717	3494236	-2.70	0.79	-2.63	0.99	-2.85	0.99	St Catherines
2668	482407	3494479	482733	3494292	-2.48	0.47	-2.43	0.99	-2.65	0.99	St Catherines
2669	482449	3494506	482732	3494352	-2.11	0.46	-2.07	0.99	-2.25	0.99	St Catherines
2670	482479	3494546	482744	3494420	-1.93	0.33	-1.91	1.00	-1.90	1.00	St Catherines
2671	482511	3494584	482764	3494441	-1.91	0.27	-1.89	1.00	-1.91	1.00	St Catherines
2672	482548	3494616	482774	3494465	-1.78	0.13	-1.77	1.00	-1.77	1.00	St Catherines
2673	482585	3494650	482794	3494496	-1.70	0.37	-1.66	1.00	-1.74	1.00	St Catherines
2674	482617	3494689	482825	3494531	-1.69	0.47	-1.66	0.99	-1.81	0.99	St Catherines
2675	482659	3494716	482853	3494566	-1.59	0.59	-1.55	0.98	-1.73	0.99	St Catherines
2676	482703	3494739	482885	3494602	-1.47	0.86	-1.39	0.96	-1.66	0.98	St Catherines
2677	482747	3494763	482918	3494641	-1.34	0.95	-1.26	0.93	-1.60	0.96	St Catherines
2678	482791	3494787	482945	3494679	-1.22	0.96	-1.13	0.92	-1.47	0.96	St Catherines
2679	482835	3494811	482968	3494717	-1.04	0.70	-0.97	0.93	-1.24	0.96	St Catherines
2680	482878	3494836	483002	3494758	-0.92	0.66	-0.85	0.90	-1.16	0.95	St Catherines
2681	482919	3494864	483033	3494796	-0.83	0.88	-0.75	0.79	-1.14	0.91	St Catherines
2682	482959	3494894	483052	3494840	-0.64	0.62	-0.58	0.74	-0.95	0.88	St Catherines
2683	482993	3494930	483065	3494890	-0.49	0.71	-0.47	0.83	-0.67	0.90	St Catherines
2684	483028	3494965	483083	3494933	-0.36	0.37	-0.37	0.94	-0.41	0.97	St Catherines
2685	483058	3495005	483110	3494971	-0.35	0.32	-0.37	0.95	-0.39	0.98	St Catherines
2686	483087	3495046	483141	3495007	-0.39	0.21	-0.39	0.97	-0.43	0.98	St Catherines
2687	483113	3495088	483166	3495053	-0.36	0.20	-0.35	0.91	-0.46	0.95	St Catherines
2688	483147	3495124	483191	3495103	-0.27	0.05	-0.27	0.99	-0.25	0.99	St Catherines
2690	483181	3495210	483228	3495205	-0.25	0.79	-0.19	0.51	-0.28	0.73	St Catherines
2691	483184	3495260	483229	3495261	-0.21	0.48	-0.15	0.34	-0.38	0.76	St Catherines
2692	483189	3495309	483220	3495312	-0.09	0.30	-0.06	0.13	-0.22	0.68	St Catherines
2693	483186	3495359	483217	3495361	-0.02	0.42	0.03	0.02	-0.18	0.47	St Catherines
2694	483175	3495406	483219	3495412	0.03	0.54	0.09	0.09	-0.22	0.38	St Catherines
2695	483161	3495453	483218	3495462	0.10	0.55	0.13	0.13	-0.19	0.27	St Catherines
2696	483153	3495503	483216	3495512	0.10	0.85	0.20	0.19	-0.25	0.28	St Catherines
2697	483144	3495552	483194	3495563	-0.17	0.46	-0.12	0.17	-0.41	0.70	St Catherines
2698	483121	3495595	483190	3495610	-0.41	0.32	-0.38	0.84	-0.56	0.92	St Catherines
2699	483112	3495644	483191	3495656	-0.47	0.46	-0.42	0.76	-0.67	0.90	St Catherines
2700	483104	3495693	483187	3495704	-0.50	0.61	-0.44	0.70	-0.75	0.88	St Catherines
2701	483096	3495743	483177	3495754	-0.49	0.59	-0.42	0.70	-0.72	0.87	St Catherines
2702	483089	3495792	483166	3495802	-0.47	0.61	-0.40	0.69	-0.69	0.87	St Catherines
2703	483080	3495841	483158	3495855	-0.47	0.65	-0.40	0.68	-0.70	0.87	St Catherines
2704	483070	3495890	483148	3495902	-0.47	0.67	-0.39	0.67	-0.70	0.86	St Catherines
2705	483067	3495940	483138	3495958	-0.42	0.54	-0.37	0.61	-0.68	0.84	St Catherines
2706	483061	3495990	483129	3496010	-0.04	0.00	-0.04	0.00	-0.04	0.00	St Catherines
2707	483053	3496039	483113	3496057	-0.09	0.18	-0.07	0.42	-0.06	0.33	St Catherines
2708	483037	3496087	483092	3496105	-0.26	0.60	-0.22	0.38	-0.51	0.76	St Catherines
2709	483027	3496135	483077	3496155	-0.19	0.58	-0.15	0.21	-0.45	0.70	St Catherines
2710	483019	3496185	483068	3496194	-0.17	0.50	-0.13	0.21	-0.40	0.70	St Catherines
2711	483014	3496234	483051	3496246	-0.18	0.43	-0.14	0.42	-0.31	0.81	St Catherines
2712	483000	3496282	483051	3496302	-0.30	0.51	-0.26	0.83	-0.32	0.89	St Catherines
2713	482984	3496329	483035	3496349	NA	NA	NA	0.00	NA	0.00	St Catherines
2714	482969	3496376	483001	3496386	-0.19	0.43	-0.22	0.63	-0.29	0.89	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2715	482953	3496424	482980	3496438	-0.06	0.40	-0.02	0.01	-0.18	0.59	St Catherines
2716	482934	3496470	482973	3496484	-0.12	0.47	-0.07	0.11	-0.31	0.66	St Catherines
2717	482912	3496515	482962	3496530	-0.17	0.64	-0.12	0.16	-0.41	0.67	St Catherines
2718	482891	3496560	482939	3496579	-0.14	0.63	-0.09	0.09	-0.37	0.64	St Catherines
2719	482868	3496604	482924	3496639	-0.27	0.89	-0.18	0.22	-0.56	0.71	St Catherines
2720	482842	3496647	482902	3496686	-0.31	1.20	-0.18	0.16	-0.60	0.70	St Catherines
2721	482815	3496688	482867	3496732	0.19	0.28	0.16	0.64	0.15	0.55	St Catherines
2722	482790	3496732	482827	3496764	-0.11	0.87	-0.02	0.00	-0.25	0.56	St Catherines
2723	482767	3496776	482802	3496803	-0.09	0.73	-0.01	0.00	-0.23	0.55	St Catherines
2724	482738	3496817	482770	3496835	0.00	0.67	0.07	0.12	-0.08	0.22	St Catherines
2725	482714	3496860	482753	3496881	-0.06	0.79	0.03	0.01	-0.18	0.44	St Catherines
2726	482686	3496901	482738	3496920	-0.11	1.03	0.00	0.00	-0.29	0.52	St Catherines
2727	482664	3496946	482722	3496963	-0.18	1.10	-0.07	0.03	-0.43	0.60	St Catherines
2728	482645	3496992	482710	3497009	-0.27	0.86	-0.18	0.19	-0.58	0.70	St Catherines
2729	482638	3497041	482709	3497054	-0.42	0.75	-0.33	0.48	-0.71	0.81	St Catherines
2730	482630	3497090	482701	3497094	-0.41	0.52	-0.36	0.79	-0.55	0.90	St Catherines
2731	482643	3497138	482702	3497136	-0.33	0.49	-0.28	0.82	-0.39	0.92	St Catherines
2732	482660	3497185	482711	3497178	-0.28	0.51	-0.23	0.74	-0.33	0.90	St Catherines
2733	482676	3497232	482722	3497224	-0.25	0.39	-0.22	0.81	-0.30	0.91	St Catherines
2734	482691	3497280	482733	3497271	-0.23	0.19	-0.21	0.88	-0.29	0.94	St Catherines
2735	482706	3497328	482745	3497320	-0.20	0.22	-0.18	0.79	-0.28	0.91	St Catherines
2736	482715	3497377	482753	3497371	-0.19	0.28	-0.16	0.68	-0.28	0.88	St Catherines
2737	482719	3497426	482761	3497421	-0.20	0.39	-0.16	0.48	-0.34	0.82	St Catherines
2738	482722	3497476	482767	3497471	-0.20	0.45	-0.15	0.35	-0.37	0.78	St Catherines
2739	482726	3497526	482774	3497520	-0.22	0.50	-0.17	0.36	-0.41	0.78	St Catherines
2740	482735	3497575	482782	3497567	-0.25	0.46	-0.21	0.60	-0.38	0.86	St Catherines
2741	482745	3497624	482791	3497616	-0.25	0.37	-0.22	0.73	-0.35	0.89	St Catherines
2742	482761	3497672	482801	3497662	-0.21	0.35	-0.17	0.56	-0.33	0.84	St Catherines
2743	482775	3497720	482809	3497712	-0.15	0.30	-0.12	0.44	-0.26	0.81	St Catherines
2744	482786	3497768	482818	3497763	-0.10	0.34	-0.06	0.13	-0.22	0.70	St Catherines
2745	482787	3497818	482832	3497816	-0.10	0.60	-0.05	0.04	-0.29	0.63	St Catherines
2746	482798	3497867	482843	3497864	-0.10	0.66	-0.03	0.02	-0.31	0.61	St Catherines
2747	482802	3497916	482850	3497917	-0.38	0.88	-0.32	0.41	-0.44	0.87	St Catherines
2748	482789	3497961	482846	3497963	-0.25	0.77	-0.20	0.26	-0.29	0.81	St Catherines
2749	482765	3497967	482847	3497970	-0.41	0.84	-0.43	0.84	-0.40	0.91	St Catherines
2750	482739	3498005	482849	3498005	-0.68	1.14	-0.63	0.84	-0.50	0.84	St Catherines
2751	482745	3498054	482845	3498055	-0.60	0.84	-0.60	0.81	-0.43	0.74	St Catherines
2752	482746	3498104	482839	3498108	-0.54	0.70	-0.57	0.80	-0.36	0.65	St Catherines
2753	482747	3498154	482837	3498157	-0.54	0.68	-0.58	0.84	-0.41	0.75	St Catherines
2754	482743	3498204	482825	3498213	-0.49	1.43	-0.53	0.82	-0.48	0.80	St Catherines
2755	482738	3498254	482823	3498275	-0.51	0.51	-0.51	0.90	-0.61	0.94	St Catherines
2756	482727	3498302	482816	3498335	-0.18	0.88	-0.22	0.77	-0.24	0.84	St Catherines
2757	482717	3498351	482790	3498384	-0.10	0.91	-0.16	0.64	-0.17	0.68	St Catherines
2758	482707	3498400	482757	3498428	-0.25	0.72	-0.23	0.72	-0.36	0.89	St Catherines
2759	482697	3498449	482738	3498472	-0.21	0.55	-0.18	0.69	-0.29	0.88	St Catherines
2760	482685	3498498	482721	3498514	-0.15	0.55	-0.12	0.48	-0.25	0.79	St Catherines
2761	482671	3498546	482702	3498560	-0.12	0.48	-0.10	0.58	-0.17	0.86	St Catherines
2762	482654	3498593	482681	3498605	-0.08	0.51	-0.08	0.50	-0.13	0.82	St Catherines
2763	482636	3498640	482663	3498652	-0.09	0.51	-0.08	0.41	-0.16	0.80	St Catherines
2764	482615	3498684	482645	3498699	-0.07	0.70	-0.05	0.10	-0.17	0.66	St Catherines
2765	482587	3498726	482622	3498745	-0.02	0.82	0.02	0.01	-0.19	0.48	St Catherines
2766	482558	3498767	482598	3498790	-0.02	0.75	0.07	0.06	-0.24	0.39	St Catherines
2767	482532	3498809	482571	3498834	0.02	0.79	0.11	0.14	-0.18	0.31	St Catherines
2768	482507	3498852	482544	3498875	0.03	0.64	0.11	0.18	-0.14	0.26	St Catherines
2769	482481	3498895	482517	3498916	0.03	0.60	0.10	0.18	-0.12	0.25	St Catherines
2770	482453	3498936	482492	3498962	-0.05	0.64	0.04	0.02	-0.25	0.44	St Catherines
2771	482420	3498974	482462	3499000	-0.04	0.72	0.06	0.04	-0.25	0.42	St Catherines
2772	482387	3499012	482437	3499040	-0.06	0.87	0.06	0.03	-0.31	0.43	St Catherines
2773	482351	3499046	482403	3499074	-0.01	0.85	0.11	0.09	-0.29	0.34	St Catherines
2774	482320	3499085	482382	3499112	-0.05	0.85	0.14	0.09	-0.33	0.32	St Catherines
2775	482301	3499131	482373	3499149	-0.06	0.98	0.15	0.09	-0.34	0.31	St Catherines
2776	482297	3499181	482364	3499189	0.01	0.79	0.17	0.13	-0.29	0.28	St Catherines
2777	482297	3499231	482359	3499235	-0.12	0.71	-0.07	0.02	-0.48	0.62	St Catherines
2778	482304	3499280	482367	3499278	-0.18	0.83	-0.10	0.06	-0.53	0.67	St Catherines
2779	482306	3499330	482374	3499334	-0.25	0.79	-0.20	0.19	-0.62	0.71	St Catherines
2780	482322	3499377	482381	3499379	-0.32	0.46	-0.28	0.86	-0.34	0.91	St Catherines
2781	482325	3499426	482382	3499430	0.00	0.35	0.03	0.11	0.06	0.20	St Catherines
2782	482333	3499475	482365	3499476	-0.08	0.32	-0.05	0.31	-0.10	0.62	St Catherines
2783	482321	3499522	482360	3499526	0.10	0.45	0.12	0.32	-0.06	0.10	St Catherines
2784	482323	3499572	482361	3499573	0.00	0.62	0.03	0.02	0.05	0.03	St Catherines
2785	482311	3499619	482358	3499627	0.05	0.62	0.11	0.12	-0.21	0.34	St Catherines
2786	482295	3499666	482343	3499681	0.11	0.55	0.17	0.24	-0.15	0.22	St Catherines
2787	482271	3499710	482323	3499736	0.07	0.86	0.16	0.13	-0.28	0.35	St Catherines
2788	482245	3499753	482289	3499779	0.10	0.64	0.16	0.23	-0.14	0.23	St Catherines
2789	482225	3499797	482257	3499819	0.02	0.67	0.09	0.14	-0.13	0.24	St Catherines
2790	482196	3499836	482227	3499858	-0.02	0.48	0.02	0.01	-0.24	0.51	St Catherines
2791	482164	3499873	482195	3499892	-0.01	0.47	0.03	0.01	-0.23	0.48	St Catherines
2792	482130	3499910	482180	3499931	-0.11	0.66	-0.05	0.02	-0.43	0.62	St Catherines
2793	482095	3499946	482163	3499970	-0.22	0.90	-0.14	0.08	-0.65	0.67	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2794	482078	3499988	482160	3500009	-0.42	0.92	-0.37	0.36	-0.86	0.77	St Catherines
2795	482087	3500037	482161	3500047	-0.45	0.50	-0.41	0.72	-0.68	0.88	St Catherines
2796	482105	3500084	482157	3500082	-0.26	0.41	-0.25	0.54	-0.46	0.83	St Catherines
2797	482115	3500133	482155	3500131	-0.01	0.47	-0.01	0.00	-0.23	0.52	St Catherines
2798	482121	3500182	482181	3500173	-0.11	0.63	-0.08	0.05	-0.45	0.63	St Catherines
2799	482132	3500230	482178	3500227	0.03	0.60	0.01	0.00	-0.23	0.44	St Catherines
2800	482136	3500280	482182	3500272	-0.03	0.68	-0.05	0.02	-0.28	0.54	St Catherines
2801	482137	3500330	482201	3500331	-0.21	0.68	-0.15	0.14	-0.55	0.71	St Catherines
2802	482146	3500379	482195	3500385	-0.23	0.53	-0.18	0.36	-0.42	0.72	St Catherines
2803	482156	3500428	482200	3500436	-0.45	0.95	-0.47	0.61	-0.49	0.90	St Catherines
2804	482149	3500477	482176	3500484	0.03	0.27	0.05	0.36	0.03	0.08	St Catherines
2805	482114	3500513	482172	3500543	NA	NA	NA	0.00	NA	0.00	St Catherines
2807	482035	3500570	482105	3500609	0.52	0.07	0.52	1.00	0.53	1.00	St Catherines
2808	482008	3500612	482081	3500663	-0.28	1.36	-0.14	0.05	-0.80	0.65	St Catherines
2809	481971	3500645	482055	3500690	-0.30	0.94	-0.23	0.15	-0.79	0.71	St Catherines
2810	481941	3500685	482034	3500722	-0.42	0.87	-0.36	0.33	-0.88	0.77	St Catherines
2811	481932	3500732	482016	3500757	-0.41	0.86	-0.35	0.34	-0.84	0.77	St Catherines
2812	481944	3500781	482014	3500791	-0.39	0.72	-0.36	0.52	-0.69	0.82	St Catherines
2813	481954	3500830	482013	3500828	-0.34	0.70	-0.33	0.64	-0.55	0.84	St Catherines
2814	481963	3500879	482009	3500870	-0.28	0.58	-0.27	0.73	-0.40	0.86	St Catherines
2815	481973	3500928	482019	3500918	-0.27	0.35	-0.26	0.87	-0.35	0.92	St Catherines
2816	481983	3500977	482043	3500961	-0.37	0.51	-0.34	0.82	-0.49	0.90	St Catherines
2817	481993	3501026	482083	3501005	-0.61	0.87	-0.52	0.72	-0.85	0.88	St Catherines
2818	482003	3501075	482082	3501057	-0.48	0.57	-0.43	0.84	-0.63	0.91	St Catherines
2819	482015	3501123	482091	3501110	-0.49	0.71	-0.45	0.82	-0.65	0.90	St Catherines
2820	482026	3501172	482092	3501158	-0.42	0.52	-0.41	0.91	-0.51	0.94	St Catherines
2821	482036	3501221	482107	3501204	-0.46	0.63	-0.45	0.91	-0.55	0.93	St Catherines
2822	482047	3501270	482121	3501245	-0.50	0.63	-0.49	0.92	-0.59	0.94	St Catherines
2823	482059	3501318	482136	3501285	-0.53	0.73	-0.54	0.89	-0.66	0.94	St Catherines
2824	482071	3501367	482162	3501331	-0.63	0.63	-0.62	0.91	-0.79	0.94	St Catherines
2825	482086	3501414	482191	3501377	-0.57	0.73	-0.51	0.90	-0.46	0.80	St Catherines
2826	482101	3501462	482201	3501434	NA	NA	NA	0.00	NA	0.00	St Catherines
2827	482124	3501506	482211	3501491	-0.31	0.00	-0.31	0.00	-0.31	0.00	St Catherines
2828	482134	3501553	482216	3501554	-0.51	0.77	-0.46	0.57	-0.87	0.84	St Catherines
2829	482135	3501603	482219	3501607	-0.53	0.73	-0.48	0.60	-0.87	0.85	St Catherines
2830	482139	3501653	482209	3501663	-0.44	0.55	-0.40	0.64	-0.71	0.86	St Catherines
2831	482137	3501702	482201	3501719	-0.39	0.69	-0.32	0.53	-0.65	0.83	St Catherines
2832	482135	3501752	482189	3501767	-0.29	0.67	-0.23	0.39	-0.53	0.79	St Catherines
2833	482117	3501798	482170	3501816	-0.25	0.65	-0.18	0.27	-0.51	0.76	St Catherines
2834	482092	3501841	482154	3501865	-0.31	0.86	-0.23	0.27	-0.62	0.75	St Catherines
2835	482071	3501886	482132	3501909	-0.33	0.67	-0.27	0.39	-0.62	0.79	St Catherines
2836	482046	3501930	482109	3501955	-0.37	0.69	-0.31	0.46	-0.66	0.81	St Catherines
2837	482023	3501974	482084	3502004	-0.37	0.62	-0.31	0.52	-0.62	0.83	St Catherines
2838	481993	3502015	482048	3502046	-0.39	0.56	-0.33	0.61	-0.61	0.86	St Catherines
2839	481963	3502055	482013	3502091	-0.37	0.53	-0.32	0.59	-0.60	0.86	St Catherines
2840	481931	3502093	481979	3502132	-0.35	0.59	-0.30	0.50	-0.62	0.82	St Catherines
2841	481896	3502128	481944	3502169	-0.31	0.52	-0.28	0.44	-0.59	0.81	St Catherines
2842	481863	3502165	481903	3502204	-0.25	0.43	-0.22	0.43	-0.48	0.81	St Catherines
2843	481830	3502203	481870	3502242	-0.27	0.66	-0.20	0.29	-0.52	0.78	St Catherines
2844	481789	3502231	481828	3502270	-0.19	0.88	-0.11	0.10	-0.42	0.71	St Catherines
2845	481748	3502260	481784	3502302	-0.17	0.94	-0.07	0.04	-0.39	0.66	St Catherines
2846	481709	3502290	481742	3502338	-0.17	0.95	-0.07	0.05	-0.39	0.66	St Catherines
2847	481678	3502329	481704	3502368	-0.23	0.59	-0.17	0.32	-0.42	0.78	St Catherines
2848	481636	3502355	481663	3502399	-0.30	0.69	-0.23	0.48	-0.46	0.83	St Catherines
2849	481591	3502376	481619	3502431	-0.38	0.63	-0.31	0.66	-0.52	0.88	St Catherines
2850	481545	3502397	481577	3502455	-0.42	0.63	-0.35	0.77	-0.50	0.91	St Catherines
2851	481500	3502418	481540	3502481	-0.47	0.80	-0.39	0.73	-0.56	0.91	St Catherines
2852	481455	3502439	481493	3502503	-0.47	0.94	-0.39	0.70	-0.48	0.90	St Catherines
2853	481409	3502461	481449	3502534	-0.53	0.95	-0.45	0.74	-0.54	0.91	St Catherines
2854	481365	3502484	481410	3502565	-0.61	1.00	-0.52	0.77	-0.64	0.92	St Catherines
2855	481323	3502510	481373	3502598	-0.65	1.04	-0.55	0.77	-0.74	0.92	St Catherines
2856	481282	3502539	481329	3502605	-0.51	0.75	-0.44	0.81	-0.49	0.93	St Catherines
2857	481242	3502569	481290	3502616	-0.41	0.75	-0.35	0.70	-0.34	0.84	St Catherines
2858	481209	3502607	481280	3502648	-0.52	1.13	-0.43	0.67	-0.51	0.89	St Catherines
2859	481183	3502649	481267	3502667	-0.54	1.29	-0.41	0.57	-0.66	0.83	St Catherines
2860	481163	3502695	481259	3502691	-0.63	0.88	-0.55	0.83	-0.63	0.94	St Catherines
2861	481159	3502744	481271	3502722	-0.76	0.86	-0.68	0.89	-0.73	0.96	St Catherines
2862	481167	3502793	481282	3502748	-0.83	0.70	-0.79	0.95	-0.79	0.98	St Catherines
2863	481180	3502842	481299	3502777	-0.91	0.83	-0.86	0.93	-0.79	0.95	St Catherines
2864	481198	3502888	481322	3502814	-0.98	0.71	-0.94	0.93	-0.83	0.95	St Catherines
2865	481220	3502933	481347	3502852	-1.02	0.64	-0.98	0.95	-0.90	0.97	St Catherines
2866	481244	3502977	481367	3502893	-1.02	0.70	-0.97	0.94	-0.88	0.96	St Catherines
2867	481270	3503020	481399	3502938	-1.04	0.65	-0.98	0.96	-0.98	0.98	St Catherines
2868	481297	3503062	481430	3502982	-1.06	0.57	-1.00	0.97	-1.03	0.99	St Catherines
2869	481325	3503103	481482	3503014	-1.21	0.77	-1.13	0.95	-1.39	0.97	St Catherines
2870	481350	3503147	481476	3503078	-0.95	0.37	-0.92	0.99	-0.99	0.99	St Catherines
2871	481373	3503191	481495	3503126	-0.93	0.67	-0.87	0.95	-1.07	0.97	St Catherines
2872	481395	3503236	481521	3503169	-0.96	0.65	-0.90	0.95	-1.11	0.97	St Catherines
2873	481415	3503282	481552	3503217	-1.03	0.69	-0.96	0.94	-1.19	0.97	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2874	481433	3503328	481576	3503257	-1.09	0.51	-1.03	0.97	-1.23	0.98	St Catherines
2875	481451	3503375	481595	3503299	-1.10	0.46	-1.05	0.98	-1.22	0.99	St Catherines
2876	481470	3503421	481611	3503341	-1.11	0.40	-1.07	0.99	-1.13	0.99	St Catherines
2877	481506	3503455	481632	3503374	-1.01	0.48	-0.97	0.98	-0.99	0.99	St Catherines
2878	481545	3503487	481650	3503395	-0.95	0.74	-0.89	0.93	-0.84	0.96	St Catherines
2879	481592	3503500	481665	3503409	-0.77	0.82	-0.70	0.89	-0.73	0.96	St Catherines
2880	481642	3503509	481686	3503437	-0.53	0.57	-0.48	0.89	-0.47	0.95	St Catherines
2881	481692	3503507	481712	3503442	-0.42	0.58	-0.37	0.83	-0.43	0.94	St Catherines
2882	481741	3503501	481748	3503452	-0.28	0.56	-0.24	0.74	-0.32	0.87	St Catherines
2883	481790	3503490	481787	3503454	-0.19	0.18	-0.19	0.77	-0.10	0.59	St Catherines
2884	481838	3503478	481831	3503435	-0.24	0.43	-0.21	0.69	-0.17	0.78	St Catherines
2885	481887	3503466	481875	3503422	-0.25	0.57	-0.21	0.56	-0.19	0.71	St Catherines
2886	481935	3503451	481928	3503410	-0.23	0.64	-0.18	0.44	-0.14	0.51	St Catherines
2887	481982	3503436	481979	3503397	-0.17	0.66	-0.12	0.23	-0.09	0.28	St Catherines
2888	482031	3503425	482035	3503390	-0.17	0.69	-0.11	0.22	-0.14	0.55	St Catherines
2889	482081	3503418	482084	3503384	-0.12	0.58	-0.07	0.17	-0.18	0.64	St Catherines
2890	482130	3503410	482134	3503380	-0.09	0.35	-0.05	0.11	-0.19	0.71	St Catherines
2891	482179	3503401	482182	3503377	-0.05	0.23	-0.02	0.08	-0.12	0.65	St Catherines
2892	482229	3503398	482229	3503381	0.03	0.13	0.04	0.62	0.02	0.41	St Catherines
2893	482278	3503398	482276	3503364	-0.11	0.55	-0.07	0.17	-0.20	0.73	St Catherines
2894	482328	3503390	482328	3503361	NA	NA	NA	0.00	NA	0.00	St Catherines
2895	482377	3503394	482377	3503366	-0.10	0.78	-0.07	0.18	-0.12	0.50	St Catherines
2896	482427	3503395	482426	3503359	-0.18	0.48	-0.17	0.68	-0.24	0.87	St Catherines
2897	482477	3503400	482479	3503358	-0.24	0.26	-0.23	0.85	-0.31	0.94	St Catherines
2898	482525	3503411	482530	3503365	-0.26	0.24	-0.27	0.93	-0.29	0.97	St Catherines
2899	482574	3503423	482581	3503368	-0.35	0.27	-0.35	0.95	-0.39	0.98	St Catherines
2900	482622	3503436	482639	3503379	-0.36	0.12	-0.37	0.98	-0.40	0.99	St Catherines
2901	482671	3503448	482688	3503401	-0.28	0.27	-0.31	0.92	-0.23	0.91	St Catherines
2902	482719	3503461	482737	3503408	-0.34	0.21	-0.35	0.99	-0.35	0.99	St Catherines
2903	482767	3503474	482785	3503431	-0.25	0.34	-0.26	0.86	-0.18	0.82	St Catherines
2904	482816	3503487	482832	3503446	-0.22	0.45	-0.23	0.78	-0.14	0.69	St Catherines
2905	482864	3503500	482878	3503461	-0.22	0.45	-0.23	0.83	-0.18	0.84	St Catherines
2906	482912	3503512	482922	3503478	-0.19	0.34	-0.19	0.83	-0.14	0.82	St Catherines
2907	482961	3503523	482973	3503487	-0.20	0.53	-0.17	0.59	-0.17	0.71	St Catherines
2908	483009	3503538	483021	3503501	-0.22	0.40	-0.19	0.78	-0.25	0.88	St Catherines
2909	483056	3503556	483067	3503522	-0.19	0.28	-0.17	0.83	-0.19	0.92	St Catherines
2910	483101	3503576	483111	3503541	-0.19	0.18	-0.18	0.92	-0.16	0.94	St Catherines
2911	483149	3503591	483161	3503556	-0.20	0.14	-0.18	0.96	-0.19	0.98	St Catherines
2912	483195	3503609	483207	3503570	-0.22	0.18	-0.20	0.94	-0.22	0.98	St Catherines
2913	483242	3503628	483253	3503589	-0.22	0.19	-0.20	0.93	-0.20	0.97	St Catherines
2914	483288	3503647	483301	3503606	-0.24	0.15	-0.23	0.96	-0.21	0.98	St Catherines
2915	483334	3503666	483349	3503619	-0.27	0.00	-0.27	0.00	-0.27	0.00	St Catherines
2916	483382	3503682	483397	3503640	-0.25	0.21	-0.23	0.94	-0.25	0.97	St Catherines
2917	483430	3503694	483444	3503655	-0.23	0.13	-0.23	0.96	-0.19	0.96	St Catherines
2918	483479	3503703	483490	3503657	-0.27	0.13	-0.26	0.98	-0.28	0.99	St Catherines
2919	483529	3503708	483530	3503676	-0.16	0.25	-0.14	0.72	-0.10	0.70	St Catherines
2920	483577	3503699	483573	3503675	-0.08	0.22	-0.08	0.64	-0.05	0.52	St Catherines
2921	483621	3503676	483611	3503649	-0.09	0.20	-0.11	0.72	-0.05	0.43	St Catherines
2922	483660	3503645	483644	3503615	-0.04	0.43	-0.03	0.05	0.02	0.06	St Catherines
2923	483701	3503617	483685	3503590	-0.14	0.24	-0.15	0.74	-0.08	0.58	St Catherines
2924	483743	3503590	483730	3503567	-0.05	0.20	-0.05	0.17	0.03	0.12	St Catherines
2925	483789	3503569	483770	3503539	-0.11	0.30	-0.11	0.38	0.00	0.00	St Catherines
2926	483833	3503546	483813	3503513	-0.18	0.23	-0.19	0.68	-0.07	0.27	St Catherines
2927	483875	3503519	483855	3503487	-0.16	0.31	-0.15	0.53	-0.05	0.16	St Catherines
2928	483919	3503496	483898	3503457	-0.12	0.56	-0.10	0.18	0.03	0.03	St Catherines
2929	483964	3503473	483939	3503433	-0.13	0.61	-0.12	0.24	0.02	0.01	St Catherines
2930	484009	3503452	483988	3503411	-0.17	0.58	-0.17	0.43	-0.04	0.07	St Catherines
2931	484054	3503430	484030	3503387	-0.20	0.42	-0.20	0.57	-0.06	0.16	St Catherines
2932	484097	3503404	484075	3503360	-0.16	0.35	-0.15	0.49	-0.05	0.19	St Catherines
2933	484138	3503375	484122	3503331	-0.10	0.25	-0.10	0.33	0.02	0.04	St Catherines
2934	484181	3503351	484169	3503297	NA	NA	NA	0.00	NA	0.00	St Catherines
2935	484229	3503338	484223	3503285	-0.31	0.11	-0.32	0.99	-0.29	0.99	St Catherines
2936	484279	3503330	484280	3503284	-0.24	0.32	-0.27	0.86	-0.16	0.70	St Catherines
2937	484328	3503325	484335	3503276	-0.29	0.19	-0.30	0.96	-0.24	0.93	St Catherines
2938	484378	3503323	484386	3503284	-0.22	0.19	-0.22	0.82	-0.13	0.66	St Catherines
2939	484428	3503326	484436	3503301	-0.07	0.21	-0.07	0.36	0.00	0.00	St Catherines
2940	484477	3503334	484487	3503306	0.00	0.43	0.02	0.02	0.08	0.35	St Catherines
2941	484524	3503351	484535	3503332	0.01	0.24	0.02	0.05	0.07	0.50	St Catherines
2942	484569	3503373	484585	3503348	-0.06	0.58	-0.04	0.10	0.00	0.00	St Catherines
2943	484608	3503403	484623	3503384	-0.01	0.49	-0.01	0.01	-0.03	0.11	St Catherines
2944	484637	3503443	484660	3503417	0.08	0.52	0.09	0.24	-0.03	0.06	St Catherines
2945	484663	3503485	484697	3503457	0.08	0.48	0.11	0.16	-0.13	0.26	St Catherines
2946	484687	3503522	484721	3503494	-0.01	0.56	0.03	0.01	-0.26	0.50	St Catherines
2947	484715	3503563	484754	3503537	-0.05	0.83	0.03	0.01	-0.24	0.51	St Catherines
2948	484747	3503600	484782	3503580	-0.05	0.60	-0.02	0.01	-0.24	0.60	St Catherines
2949	484775	3503641	484810	3503623	-0.07	0.53	-0.02	0.01	-0.24	0.62	St Catherines
2950	484800	3503685	484833	3503669	-0.08	0.53	-0.03	0.03	-0.20	0.64	St Catherines
2951	484817	3503731	484851	3503717	-0.06	0.63	0.01	0.00	-0.17	0.54	St Catherines
2952	484839	3503776	484868	3503764	-0.01	0.48	0.03	0.04	-0.12	0.45	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
2953	484857	3503822	484890	3503810	0.03	0.51	0.08	0.20	-0.06	0.20	St Catherines
2954	484876	3503868	484911	3503856	0.09	0.56	0.13	0.44	0.03	0.11	St Catherines
2955	484894	3503915	484925	3503904	0.10	0.27	0.12	0.54	0.01	0.01	St Catherines
2956	484907	3503963	484941	3503952	0.12	0.26	0.13	0.43	0.00	0.00	St Catherines
2957	484923	3504010	484957	3503999	0.13	0.23	0.14	0.52	0.01	0.01	St Catherines
2958	484935	3504058	484971	3504047	0.13	0.29	0.16	0.57	0.02	0.02	St Catherines
2959	484944	3504108	484985	3504096	0.10	0.48	0.15	0.34	-0.07	0.12	St Catherines
2960	484953	3504157	485000	3504148	0.09	0.61	0.15	0.27	-0.10	0.17	St Catherines
2961	484964	3504205	485013	3504193	0.16	0.47	0.21	0.53	0.01	0.00	St Catherines
2962	484981	3504252	485017	3504243	0.13	0.26	0.15	0.54	0.00	0.00	St Catherines
2963	484994	3504300	485044	3504289	0.20	0.36	0.24	0.63	0.04	0.07	St Catherines
2964	485006	3504349	485057	3504340	0.12	0.33	0.15	0.47	-0.01	0.01	St Catherines
2965	485017	3504398	485066	3504385	0.10	0.36	0.13	0.60	0.03	0.06	St Catherines
2966	485025	3504447	485079	3504438	-0.04	0.51	0.00	0.00	-0.11	0.54	St Catherines
2967	485040	3504494	485084	3504487	-0.14	0.48	-0.11	0.43	-0.09	0.53	St Catherines
2968	485057	3504542	485093	3504536	-0.20	0.62	-0.15	0.45	-0.14	0.65	St Catherines
2969	485064	3504591	485104	3504585	-0.22	0.56	-0.18	0.55	-0.16	0.72	St Catherines
2970	485074	3504640	485110	3504633	-0.20	0.50	-0.16	0.55	-0.15	0.73	St Catherines
2971	485079	3504690	485116	3504683	-0.20	0.46	-0.17	0.65	-0.15	0.78	St Catherines
2972	485082	3504740	485125	3504732	-0.24	0.63	-0.19	0.50	-0.16	0.64	St Catherines
2973	485090	3504789	485128	3504780	-0.20	0.74	-0.16	0.40	-0.12	0.42	St Catherines
2974	485097	3504838	485133	3504828	-0.17	0.70	-0.13	0.39	-0.14	0.61	St Catherines
2975	485109	3504886	485150	3504877	-0.21	0.71	-0.16	0.44	-0.25	0.82	St Catherines
2976	485118	3504935	485167	3504927	-0.25	0.78	-0.18	0.41	-0.30	0.82	St Catherines
2977	485126	3504984	485170	3504976	-0.18	0.61	-0.13	0.39	-0.19	0.78	St Catherines
2978	485132	3505034	485171	3505029	-0.05	0.33	-0.04	0.18	-0.01	0.06	St Catherines
2979	485145	3505082	485177	3505079	-0.01	0.08	0.00	0.00	-0.04	0.54	St Catherines
2980	485165	3505128	485192	3505124	0.00	0.19	0.01	0.09	-0.02	0.16	St Catherines
2981	485184	3505174	485214	3505168	-0.06	0.37	-0.02	0.05	-0.11	0.66	St Catherines
2982	485200	3505221	485223	3505217	0.02	0.18	0.03	0.19	-0.03	0.19	St Catherines
2983	485213	3505270	485240	3505264	0.04	0.20	0.06	0.42	0.00	0.00	St Catherines
2984	485226	3505318	485253	3505310	0.06	0.16	0.06	0.48	0.01	0.07	St Catherines
2985	485237	3505367	485267	3505358	0.06	0.20	0.07	0.46	0.01	0.05	St Catherines
2986	485251	3505414	485279	3505407	0.05	0.43	0.05	0.23	0.01	0.03	St Catherines
2987	485266	3505461	485291	3505453	0.03	0.22	0.04	0.17	-0.03	0.20	St Catherines
2988	485277	3505510	485303	3505502	0.01	0.37	0.02	0.06	-0.01	0.02	St Catherines
2989	485287	3505559	485316	3505549	-0.07	0.26	-0.04	0.20	-0.10	0.74	St Catherines
2990	485301	3505607	485329	3505597	-0.10	0.22	-0.08	0.66	-0.12	0.90	St Catherines
2991	485313	3505656	485343	3505643	-0.13	0.35	-0.10	0.52	-0.14	0.86	St Catherines
2992	485324	3505704	485370	3505693	-0.25	0.53	-0.20	0.63	-0.32	0.89	St Catherines
2993	485335	3505753	485388	3505740	-0.32	0.53	-0.26	0.68	-0.42	0.89	St Catherines
2994	485344	3505802	485404	3505792	-0.36	0.47	-0.31	0.71	-0.51	0.89	St Catherines
2995	485353	3505851	485404	3505842	-0.31	0.53	-0.27	0.81	-0.31	0.94	St Catherines
2996	485361	3505900	485416	3505885	-0.35	0.69	-0.29	0.64	-0.47	0.89	St Catherines
2997	485371	3505949	485419	3505928	-0.30	1.06	-0.24	0.41	-0.21	0.57	St Catherines
2998	485377	3505999	485460	3505972	-0.33	1.30	-0.25	0.32	-0.18	0.35	St Catherines
2999	485383	3506049	485476	3506020	-0.23	1.27	-0.17	0.13	0.04	0.02	St Catherines
3000	485388	3506098	485469	3506079	-0.23	1.56	-0.41	0.29	-0.49	0.31	St Catherines
3001	485390	3506148	485453	3506146	-0.28	0.80	-0.23	0.35	-0.08	0.10	St Catherines
3002	485385	3506198	485452	3506205	-0.30	0.83	-0.25	0.35	-0.07	0.07	St Catherines
3003	485380	3506248	485450	3506253	-0.30	0.94	-0.24	0.28	-0.04	0.02	St Catherines
3004	485375	3506298	485446	3506303	-0.25	0.90	-0.21	0.21	0.05	0.03	St Catherines
3005	485369	3506347	485437	3506350	-0.32	0.83	-0.28	0.39	-0.08	0.09	St Catherines
3006	485366	3506397	485435	3506397	-0.41	0.74	-0.37	0.66	-0.25	0.64	St Catherines
3007	485371	3506447	485438	3506444	-0.39	0.83	-0.34	0.63	-0.26	0.69	St Catherines
3008	485379	3506496	485447	3506490	-0.39	1.02	-0.32	0.60	-0.34	0.81	St Catherines
3009	485393	3506544	485454	3506535	-0.33	1.00	-0.26	0.51	-0.31	0.80	St Catherines
3010	485404	3506593	485454	3506585	-0.26	0.95	-0.19	0.37	-0.23	0.69	St Catherines
3011	485402	3506643	485463	3506630	-0.33	0.94	-0.26	0.51	-0.27	0.73	St Catherines
3012	485411	3506692	485473	3506673	-0.36	0.91	-0.31	0.62	-0.27	0.74	St Catherines
3013	485421	3506741	485486	3506712	-0.42	1.16	-0.37	0.60	-0.28	0.60	St Catherines
3014	485431	3506790	485503	3506745	-0.52	1.24	-0.48	0.67	-0.32	0.58	St Catherines
3015	485442	3506838	485524	3506770	-0.66	1.41	-0.59	0.76	-0.41	0.64	St Catherines
3016	485456	3506886	485551	3506792	-0.78	1.38	-0.71	0.79	-0.48	0.67	St Catherines
3017	485472	3506934	485575	3506812	-0.94	1.22	-0.87	0.83	-0.60	0.73	St Catherines
3018	485492	3506980	485607	3506838	-1.08	1.21	-1.02	0.87	-0.72	0.78	St Catherines
3019	485517	3507023	485641	3506866	-1.20	4.55	-1.17	0.91	-0.85	0.83	St Catherines
3020	485546	3507063	485671	3506890	-1.34	5.95	-1.31	0.93	-1.01	0.89	St Catherines
3021	485577	3507102	485696	3506910	-1.49	6.28	-1.45	0.94	-1.16	0.92	St Catherines
3022	485610	3507140	485721	3506927	-1.63	6.27	-1.59	0.95	-1.29	0.93	St Catherines
3023	485647	3507174	485745	3506935	-1.81	0.88	-1.81	0.96	-1.71	0.93	St Catherines
3024	485686	3507205	485775	3506945	-1.93	0.82	-1.93	0.97	-1.84	0.95	St Catherines
3025	485728	3507233	485811	3506954	-2.05	0.89	-2.04	0.98	-1.97	0.96	St Catherines
3026	485771	3507258	485856	3506970	-2.12	0.77	-2.11	0.98	-2.05	0.97	St Catherines
3027	485814	3507283	485896	3506982	-2.19	0.72	-2.19	0.99	-2.13	0.98	St Catherines
3028	485859	3507306	485941	3506994	-2.26	0.67	-2.28	0.99	-2.23	0.98	St Catherines
3029	485903	3507329	485984	3507007	-2.30	0.72	-2.33	0.99	-2.29	0.98	St Catherines
3030	485948	3507351	486028	3507012	-2.46	0.74	-2.49	1.00	-2.47	0.99	St Catherines
3031	485993	3507373	486084	3507026	-2.54	0.36	-2.56	1.00	-2.54	1.00	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3032	486038	3507394	486141	3507036	-2.64	0.19	-2.63	1.00	-2.62	1.00	St Catherines
3033	486084	3507413	486190	3507055	-2.63	0.26	-2.64	1.00	-2.61	1.00	St Catherines
3034	486132	3507427	486233	3507076	-2.55	0.35	-2.58	0.99	-2.51	0.99	St Catherines
3035	486180	3507443	486278	3507091	-2.55	0.46	-2.60	0.99	-2.52	0.99	St Catherines
3036	486227	3507458	486306	3507098	-2.57	0.49	-2.62	0.99	-2.54	0.99	St Catherines
3037	486277	3507466	486337	3507104	-2.57	0.44	-2.62	0.99	-2.56	0.99	St Catherines
3038	486326	3507472	486371	3507111	-2.58	0.44	-2.63	1.00	-2.58	1.00	St Catherines
3039	486376	3507479	486400	3507114	-2.59	0.44	-2.63	1.00	-2.62	1.00	St Catherines
3040	486426	3507483	486435	3507116	-2.61	0.63	-2.66	0.99	-2.68	0.99	St Catherines
3041	486475	3507487	486471	3507114	-2.65	0.63	-2.70	0.99	-2.73	0.99	St Catherines
3042	486525	3507490	486507	3507112	-2.69	0.72	-2.74	0.99	-2.77	0.99	St Catherines
3043	486575	3507488	486542	3507108	-2.71	0.77	-2.76	0.99	-2.80	0.99	St Catherines
3044	486625	3507487	486587	3507105	-2.73	0.77	-2.78	0.99	-2.81	0.99	St Catherines
3045	486675	3507482	486626	3507099	-2.74	0.69	-2.78	0.99	-2.81	0.99	St Catherines
3046	486725	3507477	486665	3507092	-2.77	0.58	-2.80	1.00	-2.82	1.00	St Catherines
3047	486774	3507470	486709	3507085	-2.78	0.58	-2.82	1.00	-2.81	1.00	St Catherines
3048	486824	3507464	486748	3507079	-2.79	0.61	-2.85	1.00	-2.80	1.00	St Catherines
3049	486873	3507452	486782	3507068	-2.76	0.74	-2.84	0.99	-2.76	0.99	St Catherines
3050	486921	3507440	486821	3507066	-2.74	0.89	-2.84	0.99	-2.74	0.98	St Catherines
3051	486968	3507423	486854	3507056	-2.73	0.90	-2.83	0.98	-2.71	0.98	St Catherines
3052	487010	3507398	486888	3507043	-2.64	0.90	-2.74	0.98	-2.62	0.98	St Catherines
3053	487028	3507351	486917	3507032	-2.37	0.87	-2.46	0.99	-2.39	0.98	St Catherines
3054	487045	3507304	486942	3507022	-2.07	0.87	-2.16	0.99	-2.12	0.98	St Catherines
3055	487057	3507255	486962	3507015	-1.78	0.92	-1.86	0.98	-1.86	0.98	St Catherines
3056	487067	3507206	486980	3507010	-1.46	1.10	-1.54	0.96	-1.57	0.95	St Catherines
3057	487076	3507157	487000	3507000	-1.17	1.19	-1.25	0.90	-1.32	0.90	St Catherines
3058	487089	3507111	487019	3506988	-0.85	1.22	-0.91	0.77	-1.02	0.77	St Catherines
3059	487131	3507083	487047	3506973	-0.46	1.17	-0.50	0.44	-0.65	0.50	St Catherines
3060	487169	3507050	487071	3506960	-0.20	0.96	-0.22	0.16	-0.36	0.26	St Catherines
3061	487203	3507013	487094	3506945	0.04	0.80	0.05	0.02	-0.07	0.02	St Catherines
3062	487232	3506973	487096	3506922	0.28	0.83	0.34	0.47	0.23	0.19	St Catherines
3063	487249	3506927	487098	3506897	0.61	1.38	0.76	0.76	0.66	0.64	St Catherines
3064	487286	3506899	487099	3506882	0.88	2.23	1.11	0.75	1.02	0.71	St Catherines
3065	487333	3506882	487099	3506868	1.09	3.02	1.39	0.73	1.30	0.71	St Catherines
3066	487379	3506863	487101	3506847	1.31	3.86	1.68	0.70	1.59	0.69	St Catherines
3067	487423	3506839	487102	3506823	1.64	4.46	2.05	0.72	2.00	0.72	St Catherines
3068	487463	3506810	487103	3506789	2.05	4.77	2.46	0.76	2.47	0.76	St Catherines
3069	487502	3506778	487105	3506751	2.45	5.06	2.87	0.78	2.94	0.78	St Catherines
3070	487541	3506747	487109	3506709	2.78	5.09	3.18	0.79	3.33	0.79	St Catherines
3071	487582	3506719	487114	3506665	3.12	4.97	3.48	0.81	3.70	0.80	St Catherines
3072	487605	3506675	487121	3506610	3.39	4.91	3.73	0.82	4.00	0.81	St Catherines
3073	487627	3506630	487128	3506566	3.38	4.99	3.74	0.81	4.00	0.81	St Catherines
3074	487639	3506582	487136	3506523	3.35	5.08	3.71	0.81	3.97	0.81	St Catherines
3075	487640	3506532	487140	3506484	3.32	5.06	3.69	0.81	3.94	0.81	St Catherines
3076	487647	3506482	487142	3506447	3.30	5.06	3.68	0.82	3.92	0.81	St Catherines
3077	487671	3506468	487142	3506439	3.30	5.08	3.68	0.81	3.91	0.81	St Catherines
3078	487711	3506440	487144	3506410	3.28	4.92	3.65	0.82	3.88	0.82	St Catherines
3079	487722	3506393	487146	3506367	3.25	4.40	3.56	0.83	3.82	0.83	St Catherines
3080	487738	3506346	487148	3506332	3.25	3.78	3.47	0.84	3.79	0.83	St Catherines
3081	487755	3506299	487150	3506288	3.28	3.39	3.41	0.83	3.81	0.82	St Catherines
3082	487756	3506249	487145	3506228	3.11	3.10	3.19	0.82	3.61	0.81	St Catherines
3083	487749	3506203	487145	3506179	3.01	2.94	3.03	0.80	3.48	0.80	St Catherines
3084	487710	3506174	487147	3506150	2.93	2.89	2.93	0.79	3.39	0.79	St Catherines
3085	487674	3506139	487150	3506114	2.86	2.89	2.83	0.77	3.32	0.77	St Catherines
3086	487638	3506104	487154	3506094	2.78	2.89	2.74	0.76	3.23	0.77	St Catherines
3087	487602	3506070	487154	3506082	2.67	2.81	2.63	0.75	3.11	0.76	St Catherines
3088	487572	3506029	487151	3506061	2.51	2.71	2.47	0.75	2.93	0.75	St Catherines
3089	487545	3505987	487150	3506035	2.39	2.50	2.32	0.73	2.78	0.74	St Catherines
3090	487517	3505946	487144	3505990	2.25	2.45	2.16	0.69	2.63	0.71	St Catherines
3091	487487	3505906	487135	3505944	2.01	2.41	1.93	0.66	2.39	0.68	St Catherines
3092	487455	3505868	487132	3505904	1.77	2.30	1.70	0.63	2.12	0.66	St Catherines
3093	487422	3505830	487131	3505854	1.52	2.19	1.46	0.60	1.85	0.64	St Catherines
3094	487392	3505791	487125	3505804	1.29	2.08	1.24	0.55	1.61	0.60	St Catherines
3095	487359	3505753	487122	3505760	1.08	1.99	1.03	0.47	1.39	0.54	St Catherines
3096	487329	3505713	487121	3505717	0.88	1.78	0.81	0.39	1.15	0.48	St Catherines
3097	487303	3505671	487120	3505672	0.69	1.61	0.62	0.29	0.93	0.41	St Catherines
3098	487278	3505627	487123	3505630	0.50	1.48	0.43	0.18	0.72	0.31	St Catherines
3099	487254	3505583	487122	3505584	0.32	1.42	0.25	0.08	0.53	0.21	St Catherines
3100	487233	3505538	487120	3505541	0.14	1.33	0.08	0.01	0.35	0.11	St Catherines
3101	487216	3505492	487118	3505495	-0.04	1.24	-0.09	0.01	0.15	0.03	St Catherines
3102	487220	3505442	487117	3505446	-0.22	1.15	-0.27	0.13	-0.04	0.00	St Catherines
3103	487224	3505392	487118	3505397	-0.40	1.04	-0.45	0.34	-0.24	0.09	St Catherines
3104	487230	3505342	487113	3505352	-0.57	0.96	-0.62	0.53	-0.43	0.27	St Catherines
3105	487236	3505293	487111	3505311	-0.74	0.88	-0.79	0.68	-0.62	0.47	St Catherines
3106	487241	3505243	487109	3505271	-0.89	0.84	-0.93	0.77	-0.76	0.60	St Catherines
3107	487247	3505193	487091	3505225	-1.04	0.74	-1.06	0.85	-0.93	0.75	St Catherines
3108	487253	3505144	487077	3505187	-1.20	0.63	-1.20	0.92	-1.10	0.87	St Catherines
3109	487259	3505094	487064	3505143	-1.33	0.55	-1.33	0.96	-1.25	0.93	St Catherines
3110	487266	3505045	487056	3505092	-1.45	0.45	-1.44	0.97	-1.37	0.96	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3111	487273	3504995	487044	3505039	-1.58	0.35	-1.58	0.99	-1.53	0.98	St Catherines
3112	487280	3504946	487035	3504996	-1.70	0.51	-1.72	0.99	-1.67	0.99	St Catherines
3113	487288	3504896	487026	3504942	-1.83	0.81	-1.88	0.99	-1.83	0.99	St Catherines
3114	487297	3504847	487016	3504891	-1.96	1.02	-2.01	0.99	-1.97	0.98	St Catherines
3115	487305	3504798	487010	3504835	-2.05	1.02	-2.09	0.99	-2.07	0.98	St Catherines
3116	487312	3504748	487001	3504779	-2.15	0.97	-2.17	0.99	-2.15	0.99	St Catherines
3117	487320	3504699	486998	3504732	-2.23	0.98	-2.20	0.99	-2.20	0.98	St Catherines
3118	487330	3504650	486992	3504682	-2.34	1.05	-2.28	0.99	-2.30	0.98	St Catherines
3119	487339	3504601	486987	3504628	-2.42	1.20	-2.37	0.99	-2.39	0.97	St Catherines
3120	487349	3504552	486985	3504572	-2.52	1.47	-2.48	0.99	-2.50	0.97	St Catherines
3121	487361	3504503	486981	3504527	-2.63	1.77	-2.61	0.98	-2.63	0.96	St Catherines
3122	487372	3504454	486975	3504481	-2.72	2.08	-2.72	0.98	-2.73	0.95	St Catherines
3123	487382	3504405	486977	3504432	-2.89	2.16	-2.85	0.97	-2.90	0.94	St Catherines
3124	487391	3504356	486971	3504386	-2.99	2.23	-2.93	0.97	-3.01	0.94	St Catherines
3125	487399	3504307	486966	3504341	-3.07	2.29	-3.02	0.97	-3.11	0.94	St Catherines
3126	487409	3504258	486961	3504282	-3.15	2.43	-3.09	0.96	-3.20	0.93	St Catherines
3127	487419	3504209	486959	3504213	-3.22	2.35	-3.17	0.96	-3.30	0.93	St Catherines
3128	487429	3504160	486960	3504141	-3.26	2.48	-3.21	0.96	-3.35	0.92	St Catherines
3129	487439	3504111	486964	3504066	-3.31	2.68	-3.23	0.95	-3.39	0.91	St Catherines
3130	487448	3504062	486970	3504000	-3.35	2.76	-3.28	0.95	-3.44	0.91	St Catherines
3131	487458	3504013	486981	3503938	-3.38	2.69	-3.30	0.94	-3.49	0.90	St Catherines
3132	487468	3503964	486991	3503885	-3.40	2.57	-3.31	0.94	-3.51	0.90	St Catherines
3133	487478	3503915	487000	3503835	-3.42	2.50	-3.32	0.94	-3.54	0.90	St Catherines
3134	487489	3503866	487008	3503785	-3.45	2.45	-3.35	0.94	-3.57	0.90	St Catherines
3135	487501	3503817	487016	3503731	-3.47	2.28	-3.38	0.94	-3.61	0.91	St Catherines
3136	487513	3503769	487026	3503686	-3.49	2.23	-3.42	0.94	-3.64	0.91	St Catherines
3137	487526	3503720	487037	3503637	-3.50	2.17	-3.45	0.95	-3.67	0.92	St Catherines
3138	487543	3503674	487046	3503589	-3.58	2.08	-3.53	0.95	-3.74	0.92	St Catherines
3139	487555	3503625	487053	3503540	-3.63	2.10	-3.56	0.95	-3.78	0.92	St Catherines
3140	487566	3503576	487062	3503487	-3.66	2.07	-3.58	0.95	-3.81	0.93	St Catherines
3141	487580	3503528	487075	3503427	-3.66	1.91	-3.60	0.95	-3.83	0.93	St Catherines
3142	487593	3503480	487089	3503366	-3.66	1.77	-3.60	0.96	-3.82	0.94	St Catherines
3143	487602	3503431	487106	3503305	-3.66	1.69	-3.58	0.95	-3.82	0.93	St Catherines
3144	487611	3503382	487121	3503235	-3.61	1.72	-3.54	0.95	-3.78	0.93	St Catherines
3145	487621	3503333	487137	3503181	-3.55	1.70	-3.48	0.95	-3.72	0.93	St Catherines
3146	487630	3503284	487149	3503137	-3.50	1.74	-3.43	0.95	-3.67	0.92	St Catherines
3147	487639	3503234	487166	3503101	-3.48	1.80	-3.40	0.94	-3.65	0.92	St Catherines
3148	487647	3503185	487178	3503077	-3.44	1.86	-3.37	0.93	-3.64	0.91	St Catherines
3149	487656	3503136	487180	3503048	-3.46	1.95	-3.40	0.93	-3.68	0.90	St Catherines
3150	487666	3503087	487180	3503019	-3.51	2.06	-3.45	0.92	-3.75	0.89	St Catherines
3151	487675	3503038	487184	3502988	-3.53	2.15	-3.49	0.91	-3.80	0.89	St Catherines
3152	487683	3502988	487192	3502958	-3.52	2.29	-3.50	0.90	-3.83	0.88	St Catherines
3153	487693	3502939	487195	3502927	-3.56	2.53	-3.56	0.89	-3.91	0.87	St Catherines
3154	487701	3502890	487196	3502918	-3.62	2.69	-3.63	0.88	-4.00	0.86	St Catherines
3155	487704	3502840	487105	3502832	-3.45	3.77	-3.02	0.77	-2.87	0.70	St Catherines
3156	487706	3502790	487099	3502744	-3.73	4.57	-3.22	0.71	-3.07	0.63	St Catherines
3157	487699	3502741	487117	3502658	-2.06	5.01	-1.65	0.65	-2.06	0.62	St Catherines
3158	487689	3502692	487155	3502577	-2.68	4.61	-2.43	0.66	-2.29	0.53	St Catherines
3159	487680	3502644	487231	3502513	-2.63	4.21	-2.63	0.63	-3.23	0.66	St Catherines
3160	487648	3502606	487231	3502513	-5.79	2.19	-5.56	0.99	-5.50	0.98	St Catherines
3161	487623	3502562	487231	3502508	-2.45	6.53	-2.88	0.57	-3.19	0.59	St Catherines
3162	487589	3502548	487232	3502506	-2.47	6.64	-2.91	0.57	-3.22	0.58	St Catherines
3163	487595	3502499	487235	3502481	-2.53	7.42	-3.07	0.55	-3.41	0.56	St Catherines
3164	487600	3502449	487236	3502449	-2.72	8.18	-3.36	0.56	-3.72	0.56	St Catherines
3165	487606	3502399	487235	3502423	-2.89	8.97	-3.61	0.56	-3.99	0.55	St Catherines
3166	487613	3502350	487232	3502399	-3.03	9.42	-3.80	0.57	-4.20	0.55	St Catherines
3167	487622	3502302	487229	3502378	-3.18	9.66	-3.97	0.58	-4.38	0.56	St Catherines
3168	487644	3502258	487221	3502349	-3.09	7.99	-2.64	0.64	-3.00	0.52	St Catherines
3169	487653	3502210	487211	3502317	-3.25	7.77	-2.80	0.66	-3.19	0.55	St Catherines
3170	487664	3502162	487203	3502279	-3.29	4.54	-2.96	0.67	-3.61	0.65	St Catherines
3171	487652	3502115	487192	3502223	-3.31	4.26	-2.94	0.66	-3.63	0.65	St Catherines
3172	487645	3502065	487176	3502156	-3.33	4.15	-2.95	0.65	-3.66	0.66	St Catherines
3173	487634	3502016	487167	3502103	-3.29	4.02	-2.92	0.66	-3.63	0.67	St Catherines
3174	487613	3501971	487158	3502037	-3.26	3.84	-2.91	0.67	-3.59	0.68	St Catherines
3175	487606	3501922	487151	3501967	-3.26	3.71	-2.91	0.69	-3.57	0.69	St Catherines
3176	487599	3501872	487146	3501899	-3.24	3.59	-2.90	0.70	-3.53	0.71	St Catherines
3177	487593	3501823	487146	3501844	-3.19	3.38	-2.87	0.72	-3.48	0.73	St Catherines
3178	487586	3501773	487148	3501769	-3.12	3.19	-2.82	0.73	-3.40	0.74	St Catherines
3179	487583	3501723	487142	3501708	-3.14	3.16	-2.84	0.75	-3.40	0.76	St Catherines
3180	487582	3501673	487133	3501646	-3.19	3.12	-2.89	0.77	-3.43	0.77	St Catherines
3181	487580	3501623	487153	3501590	-3.05	2.72	-2.78	0.81	-3.24	0.81	St Catherines
3182	487581	3501573	487157	3501530	-2.98	2.43	-2.74	0.84	-3.14	0.84	St Catherines
3183	487582	3501523	487161	3501488	-2.93	2.32	-2.69	0.86	-3.05	0.86	St Catherines
3184	487581	3501473	487165	3501438	-2.90	2.25	-2.66	0.88	-2.99	0.87	St Catherines
3185	487581	3501423	487169	3501390	-2.83	2.12	-2.61	0.89	-2.91	0.89	St Catherines
3186	487580	3501373	487173	3501338	-2.80	2.04	-2.58	0.90	-2.87	0.90	St Catherines
3187	487580	3501323	487178	3501276	-2.71	1.94	-2.51	0.92	-2.76	0.91	St Catherines
3188	487580	3501273	487184	3501224	-2.63	1.79	-2.45	0.93	-2.65	0.94	St Catherines
3189	487580	3501223	487188	3501167	-2.54	1.67	-2.38	0.95	-2.55	0.95	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3190	487581	3501174	487202	3501117	-2.49	1.55	-2.34	0.96	-2.47	0.96	St Catherines
3191	487583	3501124	487209	3501073	-2.45	1.49	-2.31	0.97	-2.41	0.97	St Catherines
3192	487588	3501074	487215	3501033	-2.41	1.39	-2.29	0.97	-2.36	0.98	St Catherines
3193	487592	3501024	487219	3500984	-2.40	1.36	-2.29	0.98	-2.33	0.98	St Catherines
3194	487599	3500974	487223	3500945	-2.42	1.48	-2.31	0.97	-2.33	0.97	St Catherines
3195	487608	3500925	487226	3500905	-2.44	1.56	-2.34	0.97	-2.33	0.96	St Catherines
3196	487617	3500876	487230	3500864	-2.47	1.45	-2.39	0.97	-2.35	0.96	St Catherines
3197	487626	3500827	487230	3500834	-2.52	1.59	-2.43	0.96	-2.37	0.95	St Catherines
3198	487635	3500778	487230	3500801	-2.61	1.71	-2.50	0.95	-2.44	0.94	St Catherines
3199	487641	3500728	487224	3500765	-2.70	1.89	-2.57	0.95	-2.51	0.94	St Catherines
3200	487650	3500679	487220	3500722	-2.86	2.10	-2.70	0.94	-2.65	0.94	St Catherines
3201	487659	3500630	487216	3500682	-3.15	2.48	-2.93	0.94	-2.94	0.94	St Catherines
3202	487670	3500581	487211	3500633	-3.23	2.57	-3.00	0.94	-3.00	0.94	St Catherines
3203	487680	3500532	487207	3500595	-3.33	2.64	-3.10	0.94	-3.09	0.94	St Catherines
3204	487687	3500483	487203	3500561	-3.46	2.77	-3.21	0.94	-3.21	0.94	St Catherines
3205	487692	3500433	487199	3500527	-3.59	2.88	-3.32	0.94	-3.34	0.94	St Catherines
3206	487698	3500383	487191	3500498	-3.72	2.88	-3.45	0.95	-3.48	0.95	St Catherines
3207	487706	3500334	487187	3500479	-3.85	2.78	-3.60	0.95	-3.63	0.96	St Catherines
3208	487715	3500285	487184	3500460	-4.01	2.67	-3.76	0.96	-3.78	0.96	St Catherines
3209	487724	3500236	487179	3500444	-4.18	2.40	-3.97	0.97	-3.96	0.97	St Catherines
3210	487737	3500187	487178	3500443	-4.40	2.32	-4.21	0.97	-4.18	0.97	St Catherines
3211	487749	3500139	487174	3500437	-4.64	2.22	-4.47	0.98	-4.42	0.97	St Catherines
3212	487753	3500089	487168	3500428	-4.86	2.09	-4.71	0.98	-4.65	0.98	St Catherines
3213	487749	3500039	486856	3500374	-5.57	9.98	-6.48	0.85	-6.10	0.85	St Catherines
3214	487743	3499990	486774	3500177	-9.08	6.24	-9.74	0.92	-9.88	0.90	St Catherines
3215	487734	3499941	486899	3499958	-7.58	6.33	-8.24	0.89	-8.39	0.87	St Catherines
3216	487718	3499893	487006	3499794	-2.15	9.19	-2.74	0.23	-1.02	0.03	St Catherines
3217	487698	3499848	487086	3499658	-1.13	10.72	-1.47	0.09	0.05	0.00	St Catherines
3218	487672	3499805	487089	3499644	-0.67	11.11	-1.00	0.05	0.49	0.01	St Catherines
3219	487642	3499765	487091	3499635	-0.27	11.41	-0.58	0.02	0.87	0.03	St Catherines
3220	487643	3499724	487094	3499617	0.29	11.92	0.00	0.00	1.41	0.07	St Catherines
3221	487681	3499692	487097	3499604	0.88	12.18	0.60	0.02	1.97	0.14	St Catherines
3222	487717	3499658	487100	3499596	4.40	10.76	4.16	0.70	4.95	0.70	St Catherines
3223	487736	3499612	487101	3499592	4.53	11.02	4.32	0.71	5.10	0.70	St Catherines
3224	487744	3499563	487101	3499589	4.60	11.31	4.45	0.72	5.20	0.70	St Catherines
3225	487729	3499516	487101	3499588	4.52	11.64	4.46	0.73	5.14	0.69	St Catherines
3226	487719	3499467	487101	3499587	4.45	11.91	4.49	0.74	5.11	0.68	St Catherines
3227	487694	3499424	487101	3499586	4.37	12.18	4.52	0.74	5.06	0.66	St Catherines
3228	487665	3499383	487069	3499546	4.26	12.00	4.58	0.75	4.97	0.66	St Catherines
3229	487633	3499345	487052	3499502	4.09	12.56	4.54	0.74	4.84	0.62	St Catherines
3230	487603	3499305	487040	3499446	3.01	13.96	3.68	0.68	3.97	0.57	St Catherines
3231	487576	3499265	487038	3499381	2.69	14.99	3.47	0.62	3.74	0.50	St Catherines
3232	487589	3499217	487020	3499280	2.37	15.74	3.21	0.54	3.46	0.42	St Catherines
3233	487600	3499168	487005	3499184	1.99	16.41	2.93	0.47	3.13	0.34	St Catherines
3234	487603	3499118	487011	3499069	1.61	16.33	2.64	0.40	2.76	0.28	St Catherines
3235	487615	3499070	487026	3498962	1.25	16.65	2.51	0.36	2.51	0.22	St Catherines
3236	487622	3499020	487056	3498862	0.74	16.06	2.16	0.29	2.03	0.16	St Catherines
3237	487605	3498976	487075	3498813	0.42	14.67	1.79	0.24	1.60	0.12	St Catherines
3238	487573	3498937	487081	3498798	0.25	13.48	1.52	0.21	1.35	0.10	St Catherines
3239	487542	3498898	487081	3498798	0.16	12.67	1.33	0.19	1.19	0.09	St Catherines
3240	487520	3498853	487082	3498793	-0.03	11.87	1.02	0.14	0.91	0.07	St Catherines
3241	487498	3498809	487066	3498741	-0.36	11.43	0.57	0.05	0.51	0.02	St Catherines
3242	487477	3498763	487012	3498679	-0.57	11.05	0.31	0.02	0.25	0.01	St Catherines
3243	487453	3498720	487031	3498637	-0.80	10.43	0.04	0.00	-0.01	0.00	St Catherines
3244	487430	3498675	487026	3498595	-1.01	9.63	-0.21	0.01	-0.26	0.01	St Catherines
3245	487410	3498630	487115	3498576	-1.21	8.85	-0.47	0.07	-0.50	0.04	St Catherines
3246	487392	3498583	487125	3498575	-1.18	8.06	-0.53	0.11	-0.55	0.06	St Catherines
3247	487371	3498538	487126	3498554	-1.21	7.03	-0.65	0.19	-0.67	0.10	St Catherines
3248	487350	3498492	487119	3498531	-1.38	6.33	-0.84	0.34	-0.86	0.20	St Catherines
3249	487352	3498444	487111	3498507	-1.55	5.35	-1.07	0.54	-1.10	0.36	St Catherines
3250	487368	3498399	487107	3498482	-1.71	4.53	-1.29	0.70	-1.32	0.53	St Catherines
3251	487386	3498354	487096	3498453	-1.94	3.70	-1.59	0.84	-1.62	0.71	St Catherines
3252	487408	3498311	487093	3498445	-2.10	3.00	-1.84	0.91	-1.87	0.81	St Catherines
3253	487437	3498271	487088	3498432	-2.44	2.78	-2.22	0.95	-2.22	0.89	St Catherines
3254	487446	3498223	487066	3498398	-2.74	2.45	-2.49	0.97	-2.52	0.93	St Catherines
3255	487428	3498177	487044	3498345	-2.76	1.65	-2.58	0.98	-2.63	0.95	St Catherines
3256	487401	3498135	487022	3498295	-2.72	1.42	-2.63	0.97	-2.76	0.94	St Catherines
3257	487375	3498092	486998	3498239	-2.66	1.18	-2.60	0.96	-2.75	0.94	St Catherines
3258	487347	3498051	486985	3498195	-2.57	1.08	-2.52	0.95	-2.69	0.93	St Catherines
3259	487328	3498005	486971	3498163	-2.47	1.13	-2.43	0.93	-2.62	0.92	St Catherines
3260	487297	3497967	486964	3498140	-2.38	1.33	-2.36	0.91	-2.57	0.89	St Catherines
3261	487261	3497933	486940	3498108	-2.32	1.69	-2.32	0.88	-2.55	0.86	St Catherines
3262	487231	3497893	486915	3498074	-2.36	2.00	-2.34	0.84	-2.63	0.83	St Catherines
3263	487200	3497853	486890	3498031	-2.31	2.17	-2.28	0.82	-2.59	0.81	St Catherines
3264	487170	3497813	486867	3497988	-2.26	2.21	-2.23	0.81	-2.55	0.80	St Catherines
3265	487140	3497773	486839	3497931	-2.23	2.00	-2.18	0.80	-2.50	0.79	St Catherines
3266	487111	3497732	486812	3497892	-2.24	1.89	-2.16	0.80	-2.49	0.78	St Catherines
3267	487082	3497692	486790	3497849	-2.19	1.78	-2.10	0.80	-2.42	0.78	St Catherines
3268	487051	3497653	486772	3497803	-2.08	1.70	-2.00	0.80	-2.30	0.77	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3269	487019	3497615	486744	3497752	-2.01	1.72	-1.92	0.79	-2.22	0.76	St Catherines
3270	486987	3497576	486724	3497714	-1.95	1.87	-1.85	0.77	-2.14	0.74	St Catherines
3271	486957	3497536	486703	3497671	-1.89	2.08	-1.79	0.76	-2.07	0.72	St Catherines
3272	486932	3497493	486683	3497630	-1.86	2.27	-1.76	0.76	-2.02	0.71	St Catherines
3273	486905	3497451	486662	3497594	-1.85	2.59	-1.75	0.75	-2.01	0.69	St Catherines
3274	486877	3497409	486641	3497560	-1.84	2.71	-1.72	0.75	-1.97	0.68	St Catherines
3275	486849	3497368	486611	3497518	-1.84	2.91	-1.70	0.74	-1.96	0.66	St Catherines
3276	486822	3497326	486560	3497460	-1.92	3.24	-1.74	0.72	-2.02	0.64	St Catherines
3277	486795	3497283	486541	3497396	-1.82	3.34	-1.64	0.72	-1.89	0.63	St Catherines
3278	486768	3497241	486506	3497345	-1.83	3.55	-1.61	0.69	-1.87	0.60	St Catherines
3279	486742	3497199	486497	3497290	-1.70	3.50	-1.48	0.69	-1.71	0.59	St Catherines
3280	486715	3497157	486488	3497238	-1.51	3.59	-1.32	0.69	-1.49	0.56	St Catherines
3281	486687	3497115	486470	3497208	-1.43	3.71	-1.25	0.67	-1.41	0.53	St Catherines
3282	486663	3497071	486451	3497168	-1.41	3.61	-1.23	0.69	-1.36	0.54	St Catherines
3283	486639	3497028	486429	3497122	-1.39	3.45	-1.21	0.71	-1.34	0.57	St Catherines
3284	486617	3496982	486406	3497072	-1.37	3.45	-1.20	0.72	-1.29	0.57	St Catherines
3285	486596	3496937	486385	3497021	-1.37	3.49	-1.21	0.74	-1.29	0.58	St Catherines
3286	486574	3496892	486365	3496976	-1.34	3.56	-1.19	0.73	-1.25	0.56	St Catherines
3287	486552	3496848	486345	3496932	-1.32	3.65	-1.16	0.71	-1.21	0.54	St Catherines
3288	486531	3496802	486330	3496887	-1.33	3.67	-1.16	0.71	-1.21	0.54	St Catherines
3289	486512	3496756	486312	3496841	-1.34	3.87	-1.16	0.69	-1.20	0.51	St Catherines
3290	486493	3496709	486289	3496797	-1.34	4.02	-1.17	0.68	-1.18	0.50	St Catherines
3291	486474	3496663	486271	3496751	-1.33	4.11	-1.17	0.68	-1.16	0.48	St Catherines
3292	486454	3496617	486252	3496708	-1.33	4.08	-1.17	0.68	-1.15	0.49	St Catherines
3293	486434	3496572	486231	3496655	-1.31	4.02	-1.16	0.68	-1.11	0.48	St Catherines
3294	486412	3496527	486211	3496608	-1.29	3.74	-1.15	0.70	-1.11	0.51	St Catherines
3295	486390	3496482	486194	3496565	-1.25	3.57	-1.13	0.71	-1.07	0.52	St Catherines
3296	486370	3496436	486176	3496514	-1.23	3.49	-1.11	0.72	-1.06	0.53	St Catherines
3297	486351	3496390	486159	3496470	-1.21	3.28	-1.10	0.73	-1.04	0.54	St Catherines
3298	486329	3496345	486142	3496425	-1.20	3.14	-1.09	0.74	-1.03	0.56	St Catherines
3299	486307	3496300	486119	3496379	-1.16	3.01	-1.06	0.74	-0.99	0.56	St Catherines
3300	486285	3496255	486101	3496334	-1.13	2.86	-1.03	0.74	-0.96	0.57	St Catherines
3301	486267	3496209	486084	3496289	-1.11	2.75	-1.03	0.75	-0.94	0.57	St Catherines
3302	486248	3496162	486065	3496235	-1.12	2.64	-1.04	0.76	-0.95	0.59	St Catherines
3303	486230	3496116	486049	3496190	-1.12	2.53	-1.06	0.78	-0.96	0.62	St Catherines
3304	486213	3496068	486028	3496143	-1.16	2.41	-1.10	0.80	-1.00	0.66	St Catherines
3305	486197	3496021	486010	3496103	-1.19	2.35	-1.13	0.81	-1.03	0.67	St Catherines
3306	486179	3495974	485990	3496059	-1.20	2.33	-1.14	0.81	-1.04	0.68	St Catherines
3307	486159	3495929	485970	3496017	-1.20	2.19	-1.16	0.84	-1.06	0.71	St Catherines
3308	486141	3495882	485951	3495970	-1.21	2.11	-1.15	0.84	-1.07	0.73	St Catherines
3309	486122	3495836	485932	3495927	-1.23	1.97	-1.17	0.86	-1.08	0.75	St Catherines
3310	486104	3495789	485907	3495879	-1.26	1.87	-1.20	0.87	-1.12	0.78	St Catherines
3311	486086	3495742	485889	3495830	-1.28	1.76	-1.22	0.88	-1.14	0.80	St Catherines
3312	486069	3495696	485866	3495784	-1.32	1.65	-1.25	0.89	-1.17	0.82	St Catherines
3313	486050	3495649	485850	3495737	-1.33	1.56	-1.26	0.90	-1.19	0.84	St Catherines
3314	486031	3495603	485832	3495688	-1.34	1.46	-1.29	0.91	-1.21	0.85	St Catherines
3315	486013	3495556	485810	3495640	-1.37	1.44	-1.31	0.91	-1.23	0.86	St Catherines
3316	485997	3495509	485791	3495590	-1.40	1.41	-1.33	0.90	-1.25	0.86	St Catherines
3317	485981	3495462	485774	3495546	-1.44	1.44	-1.37	0.90	-1.29	0.86	St Catherines
3318	485961	3495416	485752	3495497	-1.43	1.30	-1.38	0.91	-1.29	0.87	St Catherines
3319	485941	3495370	485734	3495451	-1.44	1.25	-1.39	0.92	-1.31	0.89	St Catherines
3320	485922	3495324	485714	3495402	-1.43	1.24	-1.38	0.92	-1.30	0.88	St Catherines
3321	485904	3495277	485697	3495357	-1.41	1.29	-1.36	0.90	-1.27	0.86	St Catherines
3322	485887	3495230	485675	3495304	-1.40	1.30	-1.34	0.89	-1.25	0.84	St Catherines
3323	485869	3495184	485659	3495260	-1.41	1.22	-1.36	0.91	-1.27	0.86	St Catherines
3324	485850	3495137	485639	3495215	-1.40	1.16	-1.36	0.91	-1.27	0.87	St Catherines
3325	485831	3495091	485620	3495169	-1.39	1.05	-1.36	0.92	-1.27	0.88	St Catherines
3326	485813	3495044	485604	3495126	-1.38	0.94	-1.36	0.93	-1.27	0.89	St Catherines
3327	485793	3494998	485590	3495083	-1.38	0.82	-1.36	0.93	-1.27	0.90	St Catherines
3328	485771	3494954	485570	3495033	-1.34	0.84	-1.32	0.95	-1.24	0.92	St Catherines
3329	485748	3494909	485553	3494988	-1.31	0.75	-1.28	0.95	-1.22	0.93	St Catherines
3330	485725	3494865	485538	3494947	-1.27	0.71	-1.24	0.95	-1.19	0.94	St Catherines
3331	485704	3494819	485519	3494896	-1.24	0.74	-1.21	0.95	-1.16	0.94	St Catherines
3332	485681	3494775	485496	3494851	-1.23	0.80	-1.18	0.96	-1.16	0.95	St Catherines
3333	485657	3494731	485479	3494803	-1.17	0.67	-1.12	0.96	-1.10	0.96	St Catherines
3334	485635	3494686	485458	3494749	-1.13	0.62	-1.09	0.97	-1.07	0.96	St Catherines
3335	485618	3494639	485442	3494700	-1.14	0.60	-1.11	0.98	-1.08	0.96	St Catherines
3336	485600	3494593	485423	3494656	-1.14	0.60	-1.11	0.98	-1.09	0.97	St Catherines
3337	485581	3494546	485408	3494612	-1.13	0.59	-1.11	0.98	-1.08	0.97	St Catherines
3338	485565	3494499	485393	3494571	-1.14	0.51	-1.12	0.99	-1.10	0.98	St Catherines
3339	485551	3494451	485374	3494531	-1.16	0.53	-1.14	0.99	-1.12	0.98	St Catherines
3340	485539	3494403	485356	3494487	-1.22	0.48	-1.20	0.99	-1.17	0.98	St Catherines
3341	485520	3494356	485336	3494447	-1.23	0.46	-1.22	0.99	-1.19	0.98	St Catherines
3342	485501	3494310	485310	3494392	-1.25	0.39	-1.23	0.99	-1.23	0.99	St Catherines
3343	485482	3494264	485278	3494351	-1.43	0.87	-1.35	0.97	-1.40	0.95	St Catherines
3344	485467	3494216	485232	3494303	-1.23	0.64	-1.23	0.99	-1.20	0.97	St Catherines
3345	485453	3494168	485223	3494244	-1.36	0.44	-1.33	0.99	-1.34	0.99	St Catherines
3346	485440	3494120	485219	3494190	-1.39	0.34	-1.37	1.00	-1.37	0.99	St Catherines
3347	485428	3494071	485216	3494154	-1.43	0.39	-1.41	1.00	-1.41	0.99	St Catherines

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3348	485407	3494026	485196	3494099	-1.40	0.43	-1.37	0.99	-1.37	0.99	St Catherines
3349	485390	3493979	485178	3494065	-1.43	0.43	-1.40	0.99	-1.41	0.99	St Catherines
3350	485375	3493931	485162	3494031	-1.45	0.42	-1.42	0.99	-1.43	0.99	St Catherines
3351	485361	3493883	485149	3493980	-1.50	0.37	-1.47	1.00	-1.47	0.99	St Catherines
3352	485348	3493835	485119	3493933	-1.55	0.46	-1.51	0.99	-1.52	0.99	St Catherines
3353	485335	3493787	485104	3493894	-1.58	0.42	-1.55	0.99	-1.55	0.99	St Catherines
3354	485320	3493739	485084	3493849	-1.64	0.47	-1.60	0.99	-1.60	0.99	St Catherines
3355	485303	3493692	485058	3493790	-1.64	0.45	-1.62	0.99	-1.61	0.99	St Catherines
3356	485285	3493645	485040	3493748	-1.65	0.54	-1.63	0.99	-1.62	0.99	St Catherines
3357	485265	3493600	485016	3493699	-1.65	0.59	-1.62	0.99	-1.62	0.99	St Catherines
3358	485246	3493553	484998	3493651	-1.65	0.63	-1.62	0.99	-1.62	0.99	St Catherines
3359	485231	3493506	484982	3493606	-1.68	0.54	-1.65	0.99	-1.65	0.99	St Catherines
3360	485215	3493458	484966	3493568	-1.70	0.52	-1.66	0.99	-1.66	0.99	St Catherines
3361	485200	3493411	484946	3493520	-1.72	0.41	-1.69	0.99	-1.68	0.99	St Catherines
3362	485184	3493363	484928	3493477	-1.76	0.35	-1.74	1.00	-1.73	1.00	St Catherines
3363	485168	3493316	484907	3493433	-1.77	0.32	-1.76	1.00	-1.74	0.99	St Catherines
3364	485152	3493269	484888	3493386	-1.81	0.33	-1.81	1.00	-1.79	0.99	St Catherines
3365	485137	3493221	484867	3493341	-1.84	0.31	-1.86	1.00	-1.83	0.99	St Catherines
3366	485121	3493174	484849	3493294	-1.86	0.25	-1.89	1.00	-1.85	0.99	St Catherines
3367	485104	3493126	484825	3493248	-1.85	0.33	-1.89	0.99	-1.84	0.99	St Catherines
3368	485087	3493079	484805	3493204	-1.89	0.33	-1.93	0.99	-1.88	0.99	St Catherines
3369	485068	3493033	484784	3493163	-1.92	0.40	-1.96	0.99	-1.92	0.99	St Catherines
3370	485052	3492986	484766	3493117	-1.94	0.45	-1.99	0.99	-1.94	0.99	St Catherines
3371	485037	3492938	484744	3493074	-1.99	0.46	-2.04	0.99	-1.99	0.99	St Catherines
3372	485021	3492891	484724	3493034	-2.04	0.51	-2.10	0.99	-2.04	0.99	St Catherines
3373	485005	3492843	484702	3492993	-2.08	0.50	-2.14	0.99	-2.07	0.99	St Catherines
3374	484988	3492796	484682	3492946	-2.14	0.53	-2.19	0.99	-2.13	0.99	St Catherines
3375	484970	3492750	484665	3492910	-2.18	0.59	-2.25	0.99	-2.18	0.99	St Catherines
3376	484953	3492703	484646	3492869	-2.22	0.66	-2.29	0.99	-2.24	0.99	St Catherines
3377	484935	3492656	484624	3492834	-2.25	0.59	-2.32	0.99	-2.26	0.99	St Catherines
3378	484919	3492609	484606	3492793	-2.29	0.63	-2.36	0.99	-2.29	0.99	St Catherines
3379	484917	3492602	484601	3492784	-2.27	0.68	-2.35	0.99	-2.27	0.98	St Catherines
3380	479272	3480523	479078	3480686	0.39	2.88	0.44	0.08	0.85	0.18	Blackbeard
3381	479245	3480481	479046	3480675	0.36	2.88	0.40	0.07	0.82	0.17	Blackbeard
3382	479210	3480445	479059	3480662	0.34	3.03	0.40	0.06	0.84	0.17	Blackbeard
3383	479177	3480407	479055	3480660	0.31	3.30	0.38	0.05	0.85	0.15	Blackbeard
3384	479147	3480367	479055	3480660	0.32	3.55	0.39	0.04	0.90	0.15	Blackbeard
3385	479116	3480328	479052	3480659	0.34	3.84	0.42	0.04	0.98	0.15	Blackbeard
3386	479085	3480289	479052	3480659	0.36	4.20	0.44	0.04	1.07	0.14	Blackbeard
3387	479050	3480253	479052	3480659	0.34	4.72	0.45	0.03	2.35	0.57	Blackbeard
3388	479022	3480212	479052	3480659	0.36	5.17	0.48	0.03	2.57	0.57	Blackbeard
3389	478992	3480172	479052	3480659	0.35	5.70	0.48	0.02	2.77	0.56	Blackbeard
3390	478960	3480134	479052	3480659	0.35	6.37	0.51	0.02	3.01	0.56	Blackbeard
3391	478929	3480095	479052	3480659	0.38	6.98	0.57	0.02	3.26	0.56	Blackbeard
3392	478897	3480056	479052	3480659	0.40	7.62	0.61	0.02	3.45	0.55	Blackbeard
3393	478866	3480017	479052	3480659	0.27	8.43	0.52	0.01	3.57	0.53	Blackbeard
3394	478836	3479977	479052	3480659	0.18	9.41	0.47	0.01	3.82	0.51	Blackbeard
3395	478809	3479935	479052	3480659	0.06	10.18	0.39	0.01	3.90	0.50	Blackbeard
3396	478779	3479895	479052	3480659	-0.07	10.91	0.27	0.00	4.04	0.48	Blackbeard
3397	478747	3479856	479052	3480659	-0.24	12.05	0.18	0.00	4.15	0.46	Blackbeard
3398	478717	3479817	479052	3480659	-0.32	13.35	0.20	0.00	4.33	0.45	Blackbeard
3399	478687	3479776	479052	3480659	-0.44	14.84	0.23	0.00	4.43	0.43	Blackbeard
3400	478659	3479735	479052	3480659	-0.52	16.15	0.27	0.00	4.53	0.42	Blackbeard
3401	478631	3479694	479052	3480659	-0.60	17.15	0.24	0.00	4.61	0.40	Blackbeard
3402	478602	3479653	479052	3480659	-0.64	18.43	0.29	0.00	4.69	0.39	Blackbeard
3403	478575	3479611	479052	3480659	-0.68	19.59	0.33	0.00	4.69	0.38	Blackbeard
3404	478551	3479567	479052	3480659	-0.74	20.17	0.30	0.00	4.71	0.38	Blackbeard
3405	478520	3479528	479052	3480659	-0.88	21.91	0.22	0.00	4.81	0.36	Blackbeard
3406	478493	3479486	479052	3480659	-0.94	23.42	0.28	0.00	4.76	0.34	Blackbeard
3407	478465	3479445	479052	3480659	-0.96	25.29	0.42	0.00	4.67	0.32	Blackbeard
3408	478437	3479403	479052	3480659	-0.94	26.76	0.46	0.00	4.62	0.31	Blackbeard
3409	478413	3479359	479052	3480659	-0.96	27.25	0.43	0.00	4.64	0.30	Blackbeard
3410	478388	3479316	479052	3480659	-1.18	28.18	0.20	0.00	4.58	0.28	Blackbeard
3411	478361	3479274	479052	3480659	-1.86	29.25	-0.49	0.00	4.48	0.25	Blackbeard
3412	478334	3479232	479052	3480659	-1.97	29.95	-0.64	0.00	4.71	0.25	Blackbeard
3413	478305	3479191	479052	3480659	-1.97	30.46	-0.70	0.00	5.09	0.27	Blackbeard
3414	478277	3479150	479052	3480659	-1.53	30.73	-0.42	0.00	6.18	0.33	Blackbeard
3415	478250	3479107	479052	3480659	-1.35	30.94	-0.32	0.00	6.69	0.35	Blackbeard
3416	478224	3479065	479052	3480659	-1.32	31.31	-0.36	0.00	7.13	0.37	Blackbeard
3417	478196	3479024	479052	3480659	-1.20	31.79	-0.36	0.00	7.86	0.39	Blackbeard
3418	478169	3478981	479052	3480659	-1.28	32.14	-0.46	0.00	7.99	0.39	Blackbeard
3419	478144	3478938	479052	3480659	-1.34	32.36	-0.53	0.00	8.06	0.38	Blackbeard
3420	478119	3478895	479052	3480659	-1.40	32.53	-0.59	0.00	8.11	0.38	Blackbeard
3421	478094	3478851	479052	3480659	-1.54	32.74	-0.74	0.00	8.10	0.38	Blackbeard
3422	478063	3478813	479052	3480659	-2.46	34.10	-1.72	0.01	7.99	0.34	Blackbeard
3423	478028	3478777	479052	3480659	-2.38	34.82	-1.71	0.01	8.51	0.35	Blackbeard
3424	477989	3478745	479052	3480659	-2.34	35.55	-1.69	0.01	8.89	0.36	Blackbeard
3425	477946	3478720	479052	3480659	-2.29	36.33	-1.64	0.01	9.24	0.36	Blackbeard
3426	477901	3478698	479052	3480659	-2.31	37.12	-1.65	0.01	9.44	0.37	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3427	477852	3478691	479051	3480660	-2.17	37.82	-1.51	0.01	9.80	0.37	Blackbeard
3428	477803	3478696	479050	3480661	-2.05	38.40	-1.39	0.01	10.02	0.38	Blackbeard
3429	477755	3478713	479050	3480661	-1.84	38.80	-1.18	0.01	10.33	0.39	Blackbeard
3430	477727	3478750	479050	3480661	-1.77	38.94	-1.03	0.00	10.20	0.39	Blackbeard
3431	477731	3478800	479050	3480661	-1.37	38.76	-0.60	0.00	10.38	0.41	Blackbeard
3432	477747	3478846	479050	3480661	-0.47	38.09	0.32	0.00	10.80	0.44	Blackbeard
3433	477717	3478880	479050	3480661	0.10	37.75	0.94	0.00	11.05	0.46	Blackbeard
3434	477715	3478930	479050	3480661	0.38	37.56	1.24	0.01	11.14	0.47	Blackbeard
3435	477714	3478980	479050	3480661	1.63	36.53	2.52	0.03	11.64	0.53	Blackbeard
3436	477723	3479029	479050	3480661	2.34	35.96	3.23	0.05	11.90	0.55	Blackbeard
3437	477729	3479079	479050	3480661	3.47	34.90	4.41	0.10	12.20	0.60	Blackbeard
3438	477744	3479125	479050	3480661	3.18	34.71	4.25	0.10	11.31	0.58	Blackbeard
3439	477772	3479165	479050	3480661	3.19	34.61	4.26	0.10	11.21	0.58	Blackbeard
3440	477786	3479212	479050	3480661	3.14	34.08	4.27	0.11	10.70	0.58	Blackbeard
3441	477812	3479255	479050	3480661	2.12	30.87	3.40	0.08	9.42	0.55	Blackbeard
3442	477845	3479293	479050	3480661	2.12	30.87	3.40	0.08	9.42	0.55	Blackbeard
3443	477887	3479320	479050	3480661	1.90	33.57	3.30	0.07	8.93	0.51	Blackbeard
3444	477901	3479364	479050	3480661	2.20	30.33	3.28	0.08	9.48	0.56	Blackbeard
3445	477922	3479408	479050	3480661	1.98	30.14	3.11	0.08	8.77	0.54	Blackbeard
3446	477949	3479450	479050	3480661	1.18	30.39	2.51	0.06	7.19	0.47	Blackbeard
3447	477980	3479489	479050	3480661	1.09	30.36	2.44	0.05	6.96	0.46	Blackbeard
3448	478013	3479527	479050	3480661	1.11	30.32	2.45	0.05	6.96	0.46	Blackbeard
3449	478038	3479569	479050	3480661	1.23	29.87	2.57	0.06	6.86	0.46	Blackbeard
3450	478059	3479610	479050	3480661	7.43	25.60	8.91	0.63	9.37	0.76	Blackbeard
3451	478081	3479654	479050	3480661	7.14	24.80	8.46	0.63	8.99	0.76	Blackbeard
3452	478109	3479695	479050	3480661	6.72	24.56	8.05	0.62	8.34	0.74	Blackbeard
3453	478138	3479736	479050	3480661	6.47	24.18	7.76	0.61	7.97	0.73	Blackbeard
3454	478160	3479781	479050	3480661	-2.79	35.32	0.53	0.00	-7.61	0.41	Blackbeard
3455	478193	3479818	479050	3480661	-2.78	34.67	0.48	0.00	-7.52	0.41	Blackbeard
3456	478226	3479856	479050	3480661	-2.75	34.42	-2.31	0.09	-6.81	0.45	Blackbeard
3457	478261	3479891	479050	3480661	-2.75	34.21	-2.31	0.09	-6.78	0.45	Blackbeard
3458	478299	3479923	479050	3480661	-2.77	35.32	-2.32	0.09	-6.92	0.45	Blackbeard
3459	478329	3479963	479050	3480661	-2.72	31.74	-2.31	0.10	-6.49	0.47	Blackbeard
3460	478361	3480001	479050	3480661	-2.69	30.52	-2.30	0.11	-6.34	0.47	Blackbeard
3461	478393	3480039	479050	3480661	-2.65	29.23	-2.28	0.12	-6.17	0.48	Blackbeard
3462	478422	3480080	479050	3480661	-2.58	27.52	-2.23	0.12	-5.95	0.49	Blackbeard
3463	478452	3480120	479050	3480661	-2.54	24.60	-2.23	0.15	-5.60	0.51	Blackbeard
3464	478485	3480158	479050	3480661	-2.51	23.01	-2.22	0.16	-5.41	0.53	Blackbeard
3465	478516	3480196	479050	3480661	-2.47	21.04	-2.20	0.18	-5.16	0.55	Blackbeard
3466	478547	3480236	479050	3480661	-2.42	18.93	-2.18	0.21	-4.90	0.57	Blackbeard
3467	478581	3480273	479050	3480661	-2.37	15.01	-2.19	0.30	-4.43	0.63	Blackbeard
3468	478617	3480308	479050	3480661	-2.35	0.80	-2.34	0.96	-2.75	0.98	Blackbeard
3469	478654	3480341	479050	3480661	-2.34	0.81	-2.33	0.96	-2.74	0.98	Blackbeard
3470	478693	3480372	479050	3480661	-2.34	0.81	-2.33	0.96	-2.74	0.98	Blackbeard
3471	478733	3480402	479050	3480661	-2.36	0.79	-2.35	0.96	-2.75	0.98	Blackbeard
3472	478778	3480425	479050	3480661	-2.46	0.93	-2.43	0.97	-2.84	0.98	Blackbeard
3473	478796	3480470	479050	3480661	-2.23	0.89	-2.23	0.95	-2.67	0.97	Blackbeard
3474	478804	3480519	479065	3480669	-2.00	1.29	-2.01	0.95	-2.31	0.98	Blackbeard
3475	478814	3480568	479048	3480664	-1.77	0.82	-1.77	0.98	-1.95	0.99	Blackbeard
3476	478819	3480618	479043	3480693	-1.66	0.93	-1.64	0.99	-1.65	0.99	Blackbeard
3477	478822	3480668	479036	3480730	-1.57	1.30	-1.54	0.97	-1.48	0.98	Blackbeard
3478	478824	3480718	479019	3480789	-1.45	1.49	-1.47	0.95	-1.22	0.92	Blackbeard
3479	478823	3480768	479001	3480843	-1.34	1.32	-1.37	0.92	-1.02	0.87	Blackbeard
3480	478820	3480818	478987	3480896	-1.28	1.27	-1.27	0.89	-0.93	0.84	Blackbeard
3481	478817	3480868	478954	3480943	-1.07	1.05	-1.06	0.82	-0.66	0.70	Blackbeard
3482	478812	3480917	478933	3480996	-0.98	0.97	-0.95	0.83	-0.64	0.76	Blackbeard
3483	478807	3480967	478909	3481036	-0.82	1.08	-0.77	0.78	-0.54	0.75	Blackbeard
3484	478790	3481014	478874	3481088	-0.74	0.63	-0.72	0.86	-0.53	0.85	Blackbeard
3485	478776	3481062	478835	3481129	-0.58	0.54	-0.57	0.88	-0.42	0.85	Blackbeard
3486	478768	3481111	478810	3481150	-0.34	0.63	-0.32	0.82	-0.29	0.87	Blackbeard
3487	478751	3481158	478776	3481177	-0.11	0.50	-0.07	0.18	-0.18	0.75	Blackbeard
3488	478714	3481191	478756	3481215	0.13	0.81	0.17	0.41	0.03	0.04	Blackbeard
3489	478683	3481230	478745	3481256	0.29	0.59	0.34	0.67	0.11	0.22	Blackbeard
3490	478648	3481265	478740	3481292	0.49	0.72	0.55	0.73	0.21	0.34	Blackbeard
3491	478611	3481299	478731	3481337	0.66	0.93	0.74	0.70	0.25	0.26	Blackbeard
3492	478577	3481335	478708	3481383	0.84	0.89	0.90	0.76	0.39	0.42	Blackbeard
3493	478537	3481366	478693	3481435	1.05	1.09	1.12	0.79	0.55	0.53	Blackbeard
3494	478502	3481401	478675	3481476	1.11	1.31	1.21	0.73	0.48	0.35	Blackbeard
3495	478468	3481438	478654	3481517	1.23	1.39	1.32	0.73	0.52	0.34	Blackbeard
3496	478435	3481475	478630	3481566	1.38	1.43	1.46	0.75	0.64	0.42	Blackbeard
3497	478399	3481510	478612	3481612	1.47	1.59	1.58	0.74	0.65	0.38	Blackbeard
3498	478366	3481547	478592	3481655	1.56	1.65	1.69	0.75	0.72	0.41	Blackbeard
3499	478337	3481588	478569	3481698	1.64	1.59	1.77	0.79	0.84	0.51	Blackbeard
3500	478314	3481632	478547	3481737	1.64	1.47	1.79	0.86	1.03	0.71	Blackbeard
3501	478308	3481680	478530	3481770	1.43	1.66	1.61	0.88	1.05	0.81	Blackbeard
3502	478334	3481722	478526	3481781	1.26	1.33	1.41	0.91	0.99	0.87	Blackbeard
3503	478363	3481763	478524	3481790	1.09	1.00	1.19	0.94	0.91	0.91	Blackbeard
3504	478391	3481805	478520	3481803	0.88	0.71	0.94	0.96	0.80	0.96	Blackbeard
3505	478426	3481840	478519	3481821	0.55	0.85	0.63	0.88	0.44	0.80	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3506	478461	3481875	478530	3481846	0.42	0.63	0.48	0.88	0.35	0.84	Blackbeard
3507	478497	3481910	478551	3481877	0.36	0.76	0.41	0.83	0.28	0.69	Blackbeard
3508	478535	3481942	478580	3481910	0.28	0.63	0.33	0.78	0.17	0.47	Blackbeard
3509	478568	3481980	478612	3481946	0.33	0.50	0.36	0.88	0.24	0.76	Blackbeard
3510	478603	3482015	478640	3481985	0.24	0.58	0.27	0.77	0.14	0.46	Blackbeard
3511	478636	3482053	478668	3482026	0.23	0.53	0.26	0.83	0.20	0.75	Blackbeard
3512	478669	3482091	478703	3482065	0.16	0.60	0.21	0.62	0.08	0.20	Blackbeard
3513	478701	3482129	478737	3482102	0.23	0.47	0.27	0.84	0.19	0.73	Blackbeard
3514	478730	3482170	478772	3482143	0.26	0.44	0.30	0.86	0.20	0.75	Blackbeard
3515	478760	3482209	478794	3482185	0.23	0.33	0.24	0.92	0.20	0.89	Blackbeard
3516	478790	3482249	478814	3482227	0.16	0.37	0.18	0.84	0.14	0.77	Blackbeard
3517	478821	3482288	478836	3482269	-0.05	0.44	-0.01	0.01	-0.10	0.47	Blackbeard
3518	478854	3482327	478887	3482279	-0.34	0.38	-0.33	0.77	-0.50	0.90	Blackbeard
3519	478888	3482363	478932	3482290	-0.55	0.57	-0.57	0.85	-0.74	0.93	Blackbeard
3520	478924	3482397	478985	3482305	-0.74	0.51	-0.77	0.94	-0.85	0.98	Blackbeard
3521	478959	3482433	479025	3482362	-0.64	0.34	-0.64	0.96	-0.54	0.96	Blackbeard
3522	478995	3482467	479066	3482406	-0.61	0.37	-0.61	0.98	-0.58	0.99	Blackbeard
3523	479033	3482500	479098	3482451	-0.53	0.19	-0.52	0.97	-0.45	0.97	Blackbeard
3524	479068	3482536	479132	3482492	-0.50	0.21	-0.49	0.99	-0.50	0.99	Blackbeard
3525	479099	3482575	479163	3482540	-0.46	0.28	-0.44	0.97	-0.50	0.98	Blackbeard
3526	479128	3482616	479186	3482592	-0.39	0.29	-0.36	0.94	-0.44	0.97	Blackbeard
3527	479152	3482660	479205	3482645	-0.33	0.34	-0.30	0.87	-0.40	0.95	Blackbeard
3528	479172	3482705	479214	3482696	-0.25	0.38	-0.20	0.71	-0.33	0.89	Blackbeard
3529	479188	3482753	479221	3482746	-0.17	0.44	-0.12	0.43	-0.26	0.80	Blackbeard
3530	479193	3482802	479224	3482795	-0.05	0.50	0.00	0.00	-0.14	0.55	Blackbeard
3531	479208	3482849	479240	3482840	0.06	0.36	0.10	0.37	-0.03	0.06	Blackbeard
3532	479225	3482896	479262	3482882	0.14	0.33	0.16	0.60	0.03	0.07	Blackbeard
3533	479232	3482945	479280	3482924	0.25	0.47	0.28	0.75	0.14	0.57	Blackbeard
3534	479242	3482994	479299	3482973	0.30	0.56	0.32	0.68	0.13	0.34	Blackbeard
3535	479250	3483043	479320	3483022	0.41	0.70	0.43	0.69	0.19	0.40	Blackbeard
3536	479254	3483093	479337	3483070	0.50	0.81	0.52	0.69	0.23	0.39	Blackbeard
3537	479247	3483142	479344	3483116	0.55	0.90	0.60	0.71	0.25	0.39	Blackbeard
3538	479237	3483191	479353	3483161	0.72	0.96	0.76	0.79	0.42	0.64	Blackbeard
3539	479223	3483239	479363	3483191	0.95	1.11	1.00	0.84	0.63	0.77	Blackbeard
3540	479213	3483288	479371	3483211	1.22	0.77	1.27	0.92	0.92	0.89	Blackbeard
3541	479240	3483329	479380	3483235	1.17	0.71	1.19	0.93	0.89	0.90	Blackbeard
3542	479288	3483334	479387	3483246	0.89	0.85	0.91	0.90	0.63	0.82	Blackbeard
3543	479337	3483330	479395	3483252	0.56	0.82	0.59	0.75	0.27	0.40	Blackbeard
3544	479387	3483325	479418	3483266	0.39	0.66	0.38	0.77	0.23	0.59	Blackbeard
3545	479436	3483318	479449	3483276	0.20	0.47	0.19	0.66	0.10	0.38	Blackbeard
3546	479485	3483309	479488	3483285	0.09	0.28	0.08	0.63	0.07	0.73	Blackbeard
3547	479535	3483306	479534	3483286	-0.02	0.22	-0.03	0.12	0.03	0.22	Blackbeard
3548	479585	3483307	479581	3483281	-0.08	0.30	-0.09	0.51	-0.02	0.10	Blackbeard
3549	479635	3483304	479626	3483270	-0.18	0.28	-0.18	0.88	-0.14	0.88	Blackbeard
3550	479684	3483298	479670	3483252	-0.28	0.45	-0.29	0.91	-0.30	0.94	Blackbeard
3551	479733	3483290	479717	3483236	-0.34	0.35	-0.36	0.95	-0.37	0.97	Blackbeard
3552	479782	3483277	479764	3483220	-0.37	0.29	-0.39	0.96	-0.40	0.98	Blackbeard
3553	479831	3483269	479815	3483200	-0.45	0.23	-0.47	0.99	-0.46	0.99	Blackbeard
3554	479881	3483264	479864	3483188	-0.50	0.31	-0.51	0.97	-0.45	0.98	Blackbeard
3555	479931	3483259	479913	3483180	-0.52	0.40	-0.53	0.95	-0.45	0.96	Blackbeard
3556	479981	3483257	479966	3483176	-0.53	0.56	-0.53	0.92	-0.44	0.93	Blackbeard
3557	480031	3483258	480016	3483165	-0.62	0.53	-0.63	0.96	-0.56	0.97	Blackbeard
3558	480081	3483260	480066	3483158	-0.68	0.56	-0.70	0.97	-0.64	0.98	Blackbeard
3559	480130	3483266	480126	3483151	-0.77	0.34	-0.78	0.99	-0.72	0.99	Blackbeard
3560	480180	3483272	480206	3483147	-0.86	0.24	-0.88	1.00	-0.85	1.00	Blackbeard
3561	480228	3483285	480292	3483170	-0.90	0.45	-0.94	0.98	-0.95	0.99	Blackbeard
3562	480269	3483312	480366	3483228	-0.87	0.67	-0.93	0.94	-0.98	0.98	Blackbeard
3563	480299	3483352	480417	3483314	-0.84	0.41	-0.85	0.95	-0.96	0.97	Blackbeard
3564	480317	3483399	480420	3483403	-0.66	0.34	-0.63	0.97	-0.73	0.99	Blackbeard
3565	480327	3483448	480401	3483469	-0.49	0.84	-0.45	0.86	-0.47	0.93	Blackbeard
3566	480327	3483497	480376	3483522	-0.33	0.65	-0.27	0.72	-0.36	0.92	Blackbeard
3567	480316	3483546	480348	3483569	-0.18	0.74	-0.12	0.30	-0.23	0.77	Blackbeard
3568	480286	3483586	480317	3483610	-0.05	0.75	0.02	0.01	-0.14	0.46	Blackbeard
3569	480255	3483625	480287	3483655	0.06	0.63	0.12	0.24	-0.09	0.18	Blackbeard
3570	480218	3483659	480252	3483695	0.06	0.79	0.14	0.23	-0.08	0.15	Blackbeard
3571	480183	3483694	480214	3483729	0.07	0.77	0.14	0.28	-0.04	0.05	Blackbeard
3572	480147	3483729	480175	3483760	0.01	0.84	0.09	0.12	-0.06	0.09	Blackbeard
3573	480109	3483762	480137	3483791	0.03	0.74	0.11	0.21	-0.02	0.01	Blackbeard
3574	480074	3483797	480101	3483824	0.08	0.63	0.14	0.38	0.05	0.14	Blackbeard
3575	480034	3483827	480068	3483860	-0.04	0.99	0.07	0.05	-0.16	0.31	Blackbeard
3576	480000	3483863	480031	3483893	0.31	0.38	0.28	0.74	0.28	0.67	Blackbeard
3577	479965	3483898	479996	3483929	0.07	0.69	0.15	0.33	-0.01	0.00	Blackbeard
3578	479929	3483933	479958	3483963	0.08	0.66	0.15	0.37	0.00	0.00	Blackbeard
3579	479896	3483970	479920	3483997	0.06	0.53	0.12	0.37	0.00	0.00	Blackbeard
3580	479859	3484004	479883	3484031	0.04	0.62	0.10	0.24	-0.03	0.04	Blackbeard
3581	479821	3484037	479848	3484066	0.07	0.60	0.13	0.35	0.00	0.00	Blackbeard
3582	479788	3484074	479810	3484099	0.03	0.55	0.09	0.22	-0.03	0.05	Blackbeard
3583	479752	3484109	479773	3484132	0.02	0.54	0.08	0.21	-0.01	0.02	Blackbeard
3584	479718	3484145	479740	3484167	-0.01	0.55	0.05	0.07	-0.06	0.23	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3585	479684	3484182	479705	3484203	-0.03	0.51	0.03	0.03	-0.09	0.37	Blackbeard
3586	479652	3484220	479673	3484241	-0.03	0.41	0.01	0.01	-0.11	0.50	Blackbeard
3587	479617	3484256	479639	3484277	-0.03	0.51	0.02	0.01	-0.09	0.45	Blackbeard
3588	479582	3484292	479603	3484311	-0.01	0.50	0.03	0.04	-0.08	0.37	Blackbeard
3589	479544	3484323	479568	3484349	-0.02	0.68	0.04	0.03	-0.11	0.39	Blackbeard
3590	479506	3484356	479533	3484385	0.02	0.76	0.08	0.11	-0.09	0.25	Blackbeard
3591	479471	3484392	479494	3484418	0.06	0.58	0.09	0.23	-0.04	0.09	Blackbeard
3592	479433	3484424	479457	3484450	-0.02	0.68	0.04	0.03	-0.15	0.44	Blackbeard
3593	479394	3484455	479415	3484484	0.08	0.41	0.12	0.40	-0.02	0.02	Blackbeard
3594	479349	3484476	479373	3484522	0.18	0.53	0.23	0.67	0.10	0.40	Blackbeard
3596	479261	3484514	479271	3484550	0.25	0.00	0.25	0.00	0.25	0.00	Blackbeard
3597	479211	3484515	479214	3484548	-0.04	0.75	0.00	0.00	-0.03	0.07	Blackbeard
3598	479161	3484514	479166	3484544	-0.04	0.66	0.00	0.00	-0.05	0.21	Blackbeard
3599	479111	3484509	479122	3484547	0.07	0.70	0.12	0.32	0.04	0.13	Blackbeard
3600	479064	3484523	479079	3484563	-0.17	1.06	-0.10	0.14	-0.21	0.61	Blackbeard
3601	479020	3484547	479034	3484579	-0.04	0.65	0.01	0.00	-0.14	0.50	Blackbeard
3602	478974	3484567	478992	3484602	0.04	0.72	0.09	0.15	-0.08	0.20	Blackbeard
3603	478926	3484580	478943	3484621	0.08	0.78	0.14	0.28	-0.03	0.03	Blackbeard
3604	478877	3484591	478897	3484632	0.10	0.79	0.16	0.39	0.05	0.12	Blackbeard
3605	478831	3484610	478853	3484640	0.00	0.82	0.06	0.09	-0.03	0.06	Blackbeard
3606	478788	3484634	478818	3484662	-0.01	0.92	0.06	0.07	-0.09	0.22	Blackbeard
3607	478772	3484680	478805	3484697	-0.05	0.59	0.00	0.00	-0.18	0.57	Blackbeard
3608	478757	3484727	478784	3484738	-0.08	0.57	-0.06	0.12	-0.16	0.67	Blackbeard
3609	478732	3484770	478773	3484790	-0.27	0.87	-0.21	0.48	-0.34	0.84	Blackbeard
3610	478698	3484807	478733	3484834	-0.36	1.13	-0.25	0.25	-0.32	0.73	Blackbeard
3611	478660	3484840	478696	3484880	-0.47	1.06	-0.38	0.44	-0.47	0.87	Blackbeard
3612	478618	3484866	478634	3484896	-0.30	0.72	-0.24	0.41	-0.29	0.85	Blackbeard
3613	478573	3484887	478585	3484917	-0.30	0.76	-0.22	0.40	-0.25	0.80	Blackbeard
3614	478525	3484903	478539	3484932	-0.27	0.91	-0.18	0.24	-0.19	0.61	Blackbeard
3615	478477	3484918	478498	3484945	-0.30	0.77	-0.22	0.40	-0.25	0.79	Blackbeard
3616	478430	3484932	478470	3484957	-0.54	0.80	-0.46	0.74	-0.47	0.92	Blackbeard
3617	478422	3484979	478455	3484985	-0.11	0.84	-0.18	0.27	-0.29	0.70	Blackbeard
3618	478451	3485019	478469	3485016	0.05	0.18	0.05	0.28	0.02	0.19	Blackbeard
3619	478474	3485063	478491	3485056	0.03	0.31	0.01	0.01	-0.04	0.21	Blackbeard
3620	478493	3485110	478513	3485096	-0.01	0.57	-0.05	0.06	-0.14	0.53	Blackbeard
3621	478523	3485149	478540	3485137	0.02	0.41	-0.02	0.02	-0.07	0.37	Blackbeard
3622	478557	3485185	478573	3485171	-0.15	0.21	-0.17	0.82	-0.15	0.95	Blackbeard
3623	478578	3485230	478596	3485202	-0.24	0.46	-0.28	0.78	-0.33	0.92	Blackbeard
3624	478614	3485259	478622	3485235	0.00	0.46	-0.04	0.05	-0.11	0.49	Blackbeard
3625	478657	3485281	478659	3485229	0.58	0.73	0.53	0.74	0.62	0.95	Blackbeard
3626	478702	3485273	478682	3485222	0.63	0.87	0.58	0.69	0.71	0.94	Blackbeard
3627	478725	3485228	478710	3485207	0.15	0.37	0.13	0.39	0.18	0.87	Blackbeard
3628	478756	3485189	478745	3485175	-0.13	0.26	-0.10	0.59	-0.08	0.72	Blackbeard
3629	478790	3485152	478779	3485126	-0.26	0.25	-0.24	0.90	-0.21	0.94	Blackbeard
3630	478833	3485130	478831	3485092	-0.38	0.34	-0.42	0.94	-0.44	0.98	Blackbeard
3631	478878	3485146	478898	3485109	-0.39	0.43	-0.42	0.86	-0.49	0.96	Blackbeard
3632	478900	3485191	478930	3485166	-0.37	0.58	-0.35	0.63	-0.45	0.93	Blackbeard
3633	478903	3485241	478937	3485228	-0.06	0.41	-0.02	0.01	-0.23	0.58	Blackbeard
3634	478905	3485291	478945	3485277	0.09	0.43	0.14	0.30	-0.09	0.17	Blackbeard
3635	478903	3485341	478960	3485313	0.23	0.60	0.30	0.69	0.09	0.17	Blackbeard
3636	478926	3485385	478976	3485344	0.37	0.39	0.39	0.95	0.37	0.96	Blackbeard
3637	478960	3485418	479001	3485376	0.33	0.31	0.33	0.95	0.37	0.97	Blackbeard
3638	479008	3485430	479037	3485395	0.24	0.38	0.24	0.91	0.19	0.84	Blackbeard
3639	479056	3485442	479076	3485417	0.12	0.17	0.14	0.72	0.04	0.19	Blackbeard
3640	479101	3485465	479112	3485452	0.00	0.20	0.01	0.05	-0.03	0.26	Blackbeard
3641	479122	3485509	479152	3485482	-0.21	0.35	-0.19	0.86	-0.20	0.90	Blackbeard
3642	479149	3485551	479181	3485522	-0.22	0.15	-0.21	0.89	-0.29	0.94	Blackbeard
3643	479166	3485598	479200	3485564	-0.03	0.50	0.01	0.00	-0.29	0.51	Blackbeard
3644	479210	3485618	479235	3485589	0.15	0.25	0.17	0.77	0.07	0.31	Blackbeard
3645	479258	3485632	479269	3485618	0.03	0.18	0.04	0.42	0.04	0.54	Blackbeard
3646	479293	3485667	479310	3485640	-0.13	0.19	-0.14	0.81	-0.08	0.63	Blackbeard
3647	479334	3485694	479349	3485666	-0.15	0.16	-0.15	0.97	-0.16	0.97	Blackbeard
3648	479378	3485716	479390	3485693	-0.05	0.28	-0.02	0.04	-0.15	0.62	Blackbeard
3649	479420	3485743	479433	3485718	0.02	0.38	0.07	0.23	-0.05	0.18	Blackbeard
3650	479466	3485760	479478	3485739	0.00	0.35	0.04	0.14	-0.04	0.18	Blackbeard
3651	479513	3485778	479527	3485760	-0.03	0.28	-0.01	0.01	-0.08	0.52	Blackbeard
3652	479549	3485812	479571	3485793	-0.09	0.33	-0.08	0.30	-0.19	0.71	Blackbeard
3653	479570	3485858	479603	3485838	-0.12	0.41	-0.08	0.15	-0.28	0.70	Blackbeard
3654	479577	3485907	479614	3485892	-0.05	0.59	0.01	0.00	-0.21	0.51	Blackbeard
3655	479589	3485955	479621	3485944	0.00	0.52	0.06	0.11	-0.11	0.32	Blackbeard
3656	479610	3486001	479639	3485986	0.04	0.40	0.08	0.26	-0.06	0.17	Blackbeard
3657	479635	3486044	479663	3486025	0.06	0.32	0.09	0.28	-0.07	0.17	Blackbeard
3658	479669	3486081	479693	3486055	0.09	0.35	0.12	0.47	-0.02	0.02	Blackbeard
3659	479705	3486114	479728	3486090	0.06	0.00	0.06	0.00	0.06	0.00	Blackbeard
3660	479736	3486154	479778	3486112	NA	NA	NA	0.00	NA	0.00	Blackbeard
3661	479773	3486187	479806	3486156	0.18	0.37	0.22	0.79	0.10	0.44	Blackbeard
3662	479807	3486223	479830	3486206	0.04	0.36	0.08	0.32	-0.04	0.12	Blackbeard
3663	479835	3486264	479864	3486254	-0.07	0.33	-0.05	0.13	-0.18	0.64	Blackbeard
3664	479841	3486313	479890	3486311	-0.19	0.39	-0.17	0.35	-0.40	0.76	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3665	479825	3486360	479882	3486379	-0.32	0.56	-0.28	0.59	-0.51	0.85	Blackbeard
3666	479794	3486398	479837	3486436	-0.32	0.44	-0.29	0.70	-0.47	0.88	Blackbeard
3667	479752	3486426	479776	3486461	-0.18	0.37	-0.17	0.58	-0.29	0.85	Blackbeard
3668	479705	3486443	479720	3486471	-0.03	0.60	0.00	0.00	-0.14	0.50	Blackbeard
3669	479657	3486456	479679	3486496	0.14	0.50	0.17	0.49	0.00	0.00	Blackbeard
3670	479609	3486471	479645	3486523	0.30	0.51	0.33	0.73	0.15	0.40	Blackbeard
3671	479563	3486490	479615	3486548	0.37	0.63	0.41	0.74	0.17	0.39	Blackbeard
3672	479521	3486517	479579	3486578	0.39	0.74	0.44	0.75	0.20	0.42	Blackbeard
3673	479485	3486551	479546	3486611	0.42	0.71	0.47	0.81	0.26	0.63	Blackbeard
3674	479456	3486592	479518	3486645	0.39	0.63	0.44	0.79	0.22	0.52	Blackbeard
3675	479433	3486636	479490	3486677	0.29	0.61	0.34	0.69	0.11	0.22	Blackbeard
3676	479415	3486683	479461	3486713	0.19	0.47	0.24	0.62	0.05	0.07	Blackbeard
3677	479397	3486729	479439	3486754	0.17	0.39	0.21	0.58	0.02	0.01	Blackbeard
3678	479377	3486775	479418	3486796	0.10	0.52	0.16	0.37	-0.06	0.08	Blackbeard
3679	479361	3486822	479397	3486838	0.08	0.51	0.12	0.33	-0.04	0.08	Blackbeard
3680	479345	3486869	479376	3486881	0.04	0.57	0.08	0.21	-0.05	0.14	Blackbeard
3681	479329	3486917	479362	3486926	0.02	0.57	0.07	0.15	-0.07	0.24	Blackbeard
3682	479318	3486966	479353	3486973	0.05	0.48	0.09	0.29	-0.04	0.11	Blackbeard
3683	479311	3487015	479345	3487021	0.07	0.44	0.10	0.33	-0.03	0.06	Blackbeard
3684	479295	3487062	479338	3487071	0.08	0.78	0.13	0.28	-0.04	0.05	Blackbeard
3685	479283	3487111	479324	3487121	0.08	0.68	0.13	0.32	-0.03	0.03	Blackbeard
3686	479264	3487157	479310	3487171	0.10	0.78	0.16	0.43	0.04	0.07	Blackbeard
3687	479247	3487204	479295	3487221	0.11	0.85	0.17	0.40	0.02	0.01	Blackbeard
3688	479230	3487250	479269	3487265	0.08	0.73	0.12	0.36	0.03	0.06	Blackbeard
3689	479207	3487295	479251	3487311	0.10	0.78	0.15	0.41	0.03	0.06	Blackbeard
3690	479186	3487340	479230	3487354	0.10	0.66	0.15	0.46	0.03	0.05	Blackbeard
3691	479160	3487383	479219	3487394	0.18	0.81	0.24	0.58	0.09	0.24	Blackbeard
3692	479144	3487430	479212	3487429	0.23	0.82	0.30	0.63	0.10	0.22	Blackbeard
3693	479157	3487476	479212	3487460	0.26	0.30	0.30	0.79	0.13	0.40	Blackbeard
3694	479188	3487515	479224	3487495	0.21	0.30	0.21	0.90	0.16	0.82	Blackbeard
3695	479227	3487547	479259	3487520	0.22	0.32	0.21	0.90	0.17	0.87	Blackbeard
3696	479269	3487573	479292	3487548	0.17	0.25	0.17	0.90	0.14	0.87	Blackbeard
3697	479311	3487600	479328	3487579	0.11	0.16	0.12	0.93	0.09	0.86	Blackbeard
3698	479352	3487629	479366	3487611	0.08	0.11	0.09	0.93	0.07	0.87	Blackbeard
3699	479393	3487657	479405	3487642	0.06	0.15	0.06	0.73	0.04	0.61	Blackbeard
3700	479433	3487687	479446	3487670	0.08	0.31	0.08	0.64	0.10	0.76	Blackbeard
3701	479469	3487722	479486	3487703	0.06	0.26	0.08	0.67	0.06	0.69	Blackbeard
3702	479499	3487761	479521	3487739	0.09	0.33	0.11	0.67	0.08	0.72	Blackbeard
3703	479528	3487802	479560	3487778	0.06	0.59	0.11	0.33	-0.03	0.04	Blackbeard
3704	479558	3487842	479592	3487819	0.00	0.66	0.06	0.10	-0.04	0.12	Blackbeard
3705	479592	3487879	479631	3487856	-0.14	1.00	-0.07	0.06	-0.13	0.38	Blackbeard
3706	479614	3487924	479646	3487902	-0.01	0.85	0.06	0.07	-0.01	0.01	Blackbeard
3707	479631	3487971	479675	3487944	0.01	1.03	0.11	0.13	-0.07	0.10	Blackbeard
3708	479651	3488016	479714	3487979	-0.12	1.54	0.03	0.01	-0.29	0.44	Blackbeard
3709	479670	3488063	479721	3488030	0.01	1.14	0.13	0.14	-0.14	0.22	Blackbeard
3710	479691	3488108	479734	3488080	0.16	0.68	0.22	0.54	0.01	0.00	Blackbeard
3711	479716	3488151	479760	3488127	-0.04	0.88	0.05	0.03	-0.20	0.43	Blackbeard
3712	479743	3488194	479771	3488171	0.01	0.67	0.08	0.14	-0.10	0.22	Blackbeard
3713	479769	3488236	479794	3488206	0.01	0.61	0.07	0.11	-0.13	0.30	Blackbeard
3714	479800	3488273	479831	3488238	-0.15	0.73	-0.07	0.08	-0.33	0.65	Blackbeard
3715	479833	3488310	479877	3488257	-0.34	1.31	-0.21	0.26	-0.45	0.71	Blackbeard
3716	479868	3488342	479904	3488283	-0.34	1.31	-0.21	0.26	-0.45	0.71	Blackbeard
3717	479903	3488377	479935	3488323	-0.19	1.24	-0.07	0.05	-0.27	0.53	Blackbeard
3718	479934	3488415	479991	3488331	-0.33	1.75	-0.14	0.04	-0.86	0.62	Blackbeard
3719	479981	3488428	480026	3488344	-0.34	1.62	-0.16	0.07	-0.81	0.64	Blackbeard
3720	480018	3488444	480047	3488380	-0.25	0.95	-0.15	0.13	-0.56	0.70	Blackbeard
3721	480056	3488468	480090	3488404	-0.14	1.37	0.00	0.00	-0.38	0.53	Blackbeard
3722	480091	3488504	480132	3488427	-0.23	1.71	-0.07	0.02	-0.63	0.55	Blackbeard
3723	480130	3488535	480168	3488456	-0.20	1.53	-0.12	0.06	-0.62	0.57	Blackbeard
3724	480177	3488523	480202	3488473	-0.21	0.49	-0.22	0.47	-0.39	0.79	Blackbeard
3725	480168	3488567	480215	3488474	-0.13	3.18	-0.14	0.05	-0.43	0.33	Blackbeard
3726	480215	3488571	480256	3488488	-0.25	2.46	-0.18	0.12	-0.54	0.49	Blackbeard
3727	480263	3488568	480294	3488504	-0.32	1.28	-0.27	0.42	-0.56	0.71	Blackbeard
3728	480282	3488614	480336	3488527	-0.34	2.31	-0.21	0.13	-0.69	0.57	Blackbeard
3729	480321	3488637	480384	3488547	-0.38	2.65	-0.29	0.21	-0.74	0.58	Blackbeard
3730	480360	3488658	480423	3488573	-0.43	2.94	-0.39	0.32	-0.72	0.59	Blackbeard
3731	480405	3488659	480447	3488602	-0.31	0.53	-0.37	0.73	-0.13	0.27	Blackbeard
3732	480395	3488699	480462	3488616	0.20	1.77	0.00	0.00	0.80	0.55	Blackbeard
3733	480408	3488747	480491	3488632	0.42	2.95	0.16	0.03	1.02	0.63	Blackbeard
3734	480426	3488793	480524	3488651	0.73	3.33	0.42	0.14	1.42	0.71	Blackbeard
3735	480450	3488837	480557	3488671	0.93	3.68	0.57	0.18	1.75	0.73	Blackbeard
3736	480475	3488881	480589	3488697	1.12	3.95	0.73	0.24	2.04	0.75	Blackbeard
3737	480505	3488921	480647	3488731	1.26	4.07	0.86	0.28	2.26	0.77	Blackbeard
3738	480539	3488957	480710	3488756	1.32	3.74	1.03	0.41	2.21	0.81	Blackbeard
3739	480579	3488987	480759	3488815	1.19	2.88	0.94	0.40	2.11	0.80	Blackbeard
3740	480623	3489011	480799	3488875	1.32	2.74	1.06	0.55	2.02	0.85	Blackbeard
3741	480668	3489032	480834	3488929	1.13	1.33	1.02	0.64	1.82	0.85	Blackbeard
3742	480715	3489050	480849	3488961	0.82	1.35	0.71	0.46	1.51	0.80	Blackbeard
3743	480762	3489066	480878	3489003	0.61	1.32	0.54	0.37	1.24	0.76	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3744	480810	3489080	480900	3489026	0.39	1.14	0.38	0.31	0.87	0.73	Blackbeard
3745	480850	3489107	480920	3489046	0.16	2.59	0.23	0.16	0.22	0.18	Blackbeard
3746	480895	3489127	480929	3489090	-0.12	1.23	-0.09	0.14	-0.15	0.30	Blackbeard
3747	480928	3489165	480966	3489108	-0.37	0.79	-0.35	0.86	-0.42	0.88	Blackbeard
3748	480966	3489197	480993	3489120	-0.49	0.94	-0.48	0.89	-0.47	0.90	Blackbeard
3749	481014	3489210	481022	3489126	-0.51	0.88	-0.51	0.89	-0.46	0.89	Blackbeard
3750	481064	3489215	481065	3489129	-0.52	0.80	-0.50	0.88	-0.44	0.89	Blackbeard
3751	481113	3489210	481105	3489127	-0.50	0.75	-0.49	0.87	-0.41	0.88	Blackbeard
3752	481163	3489204	481145	3489119	-0.52	0.73	-0.52	0.90	-0.45	0.91	Blackbeard
3753	481212	3489197	481185	3489110	-0.56	0.62	-0.55	0.94	-0.50	0.95	Blackbeard
3754	481261	3489187	481227	3489094	-0.61	0.54	-0.59	0.96	-0.57	0.93	Blackbeard
3755	481310	3489174	481268	3489078	-0.65	0.48	-0.62	0.97	-0.62	0.95	Blackbeard
3756	481357	3489159	481310	3489059	-0.69	0.62	-0.64	0.95	-0.66	0.91	Blackbeard
3757	481405	3489146	481351	3489039	-0.74	0.79	-0.69	0.92	-0.72	0.87	Blackbeard
3758	481453	3489132	481391	3489018	-0.82	0.92	-0.76	0.92	-0.80	0.86	Blackbeard
3759	481500	3489115	481431	3488995	-0.88	0.98	-0.80	0.91	-0.86	0.85	Blackbeard
3760	481547	3489097	481470	3488972	-0.93	1.11	-0.83	0.88	-0.90	0.83	Blackbeard
3761	481591	3489074	481510	3488947	-0.96	1.39	-0.82	0.80	-0.92	0.77	Blackbeard
3762	481637	3489054	481549	3488921	-1.02	1.59	-0.85	0.77	-0.97	0.75	Blackbeard
3763	481683	3489036	481588	3488895	-1.09	1.82	-0.90	0.74	-1.02	0.73	Blackbeard
3764	481729	3489017	481628	3488868	-1.15	1.99	-0.95	0.73	-1.08	0.72	Blackbeard
3765	481778	3489006	481665	3488843	-1.28	2.10	-1.07	0.77	-1.19	0.75	Blackbeard
3766	481826	3488992	481700	3488817	-1.40	2.20	-1.19	0.80	-1.30	0.77	Blackbeard
3767	481872	3488972	481736	3488791	-1.47	2.23	-1.27	0.82	-1.37	0.78	Blackbeard
3768	481917	3488951	481772	3488765	-1.53	2.41	-1.31	0.81	-1.42	0.77	Blackbeard
3769	481964	3488935	481803	3488739	-1.65	2.54	-1.43	0.83	-1.53	0.78	Blackbeard
3770	482009	3488912	481836	3488710	-1.72	2.63	-1.50	0.84	-1.58	0.79	Blackbeard
3771	482055	3488893	481871	3488681	-1.82	2.63	-1.61	0.86	-1.68	0.81	Blackbeard
3772	482096	3488864	481906	3488649	-1.85	2.69	-1.63	0.86	-1.71	0.80	Blackbeard
3773	482133	3488831	481942	3488618	-1.84	2.70	-1.63	0.86	-1.71	0.80	Blackbeard
3774	482169	3488803	481973	3488589	-1.83	2.82	-1.60	0.85	-1.69	0.78	Blackbeard
3775	482214	3488790	482003	3488562	-2.02	2.92	-1.80	0.87	-1.86	0.81	Blackbeard
3776	482257	3488763	482038	3488529	-2.09	2.89	-1.89	0.89	-1.93	0.83	Blackbeard
3777	482300	3488738	482071	3488498	-2.18	2.90	-1.98	0.90	-2.02	0.84	Blackbeard
3778	482344	3488715	482106	3488464	-2.28	2.86	-2.10	0.92	-2.13	0.86	Blackbeard
3779	482386	3488688	482140	3488432	-2.35	2.90	-2.17	0.92	-2.19	0.86	Blackbeard
3780	482430	3488666	482177	3488400	-2.43	2.82	-2.26	0.93	-2.26	0.88	Blackbeard
3781	482475	3488643	482206	3488373	-2.52	2.79	-2.36	0.94	-2.34	0.89	Blackbeard
3782	482519	3488619	482241	3488343	-2.60	2.73	-2.46	0.94	-2.41	0.90	Blackbeard
3783	482563	3488596	482264	3488321	-2.70	2.60	-2.57	0.95	-2.51	0.91	Blackbeard
3784	482604	3488567	482293	3488290	-2.77	2.50	-2.64	0.95	-2.57	0.92	Blackbeard
3785	482643	3488537	482316	3488265	-2.80	2.28	-2.69	0.96	-2.61	0.93	Blackbeard
3786	482682	3488505	482342	3488234	-2.85	2.12	-2.74	0.96	-2.67	0.94	Blackbeard
3787	482720	3488472	482369	3488199	-2.91	1.98	-2.81	0.97	-2.74	0.95	Blackbeard
3788	482757	3488439	482403	3488152	-2.98	1.87	-2.87	0.97	-2.82	0.96	Blackbeard
3789	482797	3488408	482433	3488112	-3.07	1.79	-2.96	0.97	-2.91	0.96	Blackbeard
3790	482835	3488377	482466	3488074	-3.13	1.76	-3.03	0.98	-2.97	0.96	Blackbeard
3791	482872	3488342	482501	3488039	-3.09	1.72	-3.00	0.97	-2.92	0.96	Blackbeard
3792	482910	3488311	482526	3488008	-3.13	1.77	-3.04	0.97	-2.95	0.96	Blackbeard
3793	482949	3488280	482550	3487974	-3.24	1.89	-3.14	0.97	-3.06	0.96	Blackbeard
3794	482988	3488248	482575	3487939	-3.35	1.90	-3.25	0.97	-3.17	0.96	Blackbeard
3795	483029	3488220	482599	3487901	-3.44	1.83	-3.34	0.97	-3.26	0.96	Blackbeard
3796	483068	3488189	482633	3487863	-3.52	1.73	-3.44	0.97	-3.34	0.96	Blackbeard
3797	483108	3488158	482659	3487826	-3.60	1.60	-3.53	0.98	-3.42	0.97	Blackbeard
3798	483149	3488129	482670	3487803	-3.73	1.59	-3.67	0.98	-3.56	0.97	Blackbeard
3799	483194	3488108	482687	3487785	-3.88	1.59	-3.84	0.98	-3.70	0.97	Blackbeard
3800	483238	3488084	482707	3487748	-4.10	1.57	-4.05	0.98	-3.92	0.97	Blackbeard
3801	483283	3488062	482723	3487720	-4.27	1.51	-4.25	0.98	-4.10	0.97	Blackbeard
3802	483329	3488043	482738	3487696	-4.47	1.52	-4.46	0.98	-4.29	0.97	Blackbeard
3803	483373	3488020	482753	3487668	-4.65	1.50	-4.65	0.98	-4.46	0.97	Blackbeard
3804	483408	3487984	482779	3487620	-4.76	1.41	-4.76	0.98	-4.59	0.97	Blackbeard
3805	483426	3487941	482802	3487584	-4.73	1.25	-4.73	0.99	-4.59	0.98	Blackbeard
3806	483411	3487893	482818	3487558	-4.46	0.88	-4.45	0.99	-4.37	0.99	Blackbeard
3807	483397	3487845	482835	3487524	-4.20	0.59	-4.19	1.00	-4.16	1.00	Blackbeard
3808	483384	3487797	482859	3487489	-3.95	0.62	-3.93	1.00	-3.96	1.00	Blackbeard
3809	483356	3487756	482870	3487472	-3.65	0.85	-3.62	0.99	-3.71	0.98	Blackbeard
3810	483328	3487714	482881	3487451	-3.31	1.16	-3.27	0.97	-3.42	0.96	Blackbeard
3811	483302	3487672	482892	3487431	-3.05	1.53	-2.99	0.94	-3.19	0.92	Blackbeard
3812	483276	3487629	482900	3487412	-2.74	1.84	-2.68	0.90	-2.92	0.87	Blackbeard
3813	483255	3487584	482924	3487383	-2.49	2.18	-2.40	0.83	-2.70	0.79	Blackbeard
3814	483236	3487538	482944	3487346	-2.22	2.61	-2.13	0.73	-2.48	0.70	Blackbeard
3815	483228	3487491	482962	3487320	-1.81	3.17	-1.72	0.54	-2.15	0.54	Blackbeard
3816	483262	3487455	482985	3487287	-1.12	4.12	-1.00	0.19	-1.57	0.26	Blackbeard
3817	483296	3487418	483011	3487258	-0.46	5.04	-0.34	0.02	-1.03	0.09	Blackbeard
3818	483318	3487374	483023	3487239	-0.12	5.94	0.02	0.00	-0.70	0.04	Blackbeard
3819	483357	3487343	483024	3487238	-0.08	7.06	0.09	0.00	-0.59	0.03	Blackbeard
3820	483395	3487311	483024	3487238	-0.07	8.41	0.15	0.00	-0.52	0.02	Blackbeard
3821	483433	3487278	483024	3487234	-0.03	9.92	0.23	0.01	-0.43	0.01	Blackbeard
3822	483430	3487231	483024	3487234	-0.02	10.06	0.27	0.01	-0.37	0.01	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3823	483405	3487188	483024	3487234	-0.01	9.40	0.29	0.01	-0.32	0.01	Blackbeard
3824	483385	3487142	483024	3487233	0.01	9.10	0.33	0.02	-0.25	0.00	Blackbeard
3825	483367	3487096	483023	3487228	0.06	9.07	0.42	0.03	-0.15	0.00	Blackbeard
3826	483339	3487054	483017	3487217	0.19	8.68	0.58	0.05	0.04	0.00	Blackbeard
3827	483305	3487018	483004	3487200	0.44	7.96	0.84	0.13	0.35	0.01	Blackbeard
3828	483274	3486979	482985	3487174	0.85	7.30	1.26	0.31	0.87	0.09	Blackbeard
3829	483234	3486949	482963	3487142	1.42	6.23	1.74	0.60	1.51	0.33	Blackbeard
3830	483203	3486916	482937	3487105	2.11	5.54	2.19	0.83	2.20	0.67	Blackbeard
3831	483227	3486873	482924	3487087	2.42	5.53	2.39	0.86	2.52	0.76	Blackbeard
3832	483243	3486825	482906	3487062	2.72	5.64	2.59	0.85	2.82	0.80	Blackbeard
3833	483257	3486777	482892	3487042	2.93	5.73	2.73	0.84	3.04	0.81	Blackbeard
3834	483257	3486728	482879	3487023	3.16	5.88	2.89	0.81	3.29	0.81	Blackbeard
3835	483231	3486686	482866	3487003	3.11	5.78	2.85	0.81	3.26	0.80	Blackbeard
3836	483197	3486649	482857	3486993	2.89	5.43	2.69	0.82	3.05	0.80	Blackbeard
3837	483158	3486618	482841	3486982	2.76	5.28	2.58	0.82	2.93	0.80	Blackbeard
3838	483112	3486600	482822	3486968	2.68	5.21	2.50	0.81	2.86	0.79	Blackbeard
3839	483067	3486578	482788	3486942	2.58	5.12	2.41	0.79	2.78	0.78	Blackbeard
3840	483025	3486550	482735	3486904	2.45	5.06	2.28	0.77	2.65	0.76	Blackbeard
3841	482985	3486520	482668	3486847	2.29	4.49	2.16	0.76	2.54	0.75	Blackbeard
3842	482945	3486490	482613	3486789	2.17	4.18	2.05	0.73	2.43	0.73	Blackbeard
3843	482905	3486461	482562	3486727	2.05	4.12	1.92	0.70	2.32	0.70	Blackbeard
3844	482865	3486431	482524	3486668	1.97	3.83	1.82	0.67	2.23	0.69	Blackbeard
3845	482825	3486401	482490	3486618	1.88	3.78	1.73	0.64	2.14	0.67	Blackbeard
3846	482785	3486371	482465	3486581	1.81	3.77	1.65	0.61	2.07	0.64	Blackbeard
3847	482746	3486340	482438	3486535	1.71	3.86	1.54	0.57	1.98	0.61	Blackbeard
3848	482710	3486305	482411	3486493	1.62	3.94	1.44	0.53	1.89	0.58	Blackbeard
3849	482673	3486271	482385	3486445	1.54	3.86	1.36	0.50	1.81	0.56	Blackbeard
3850	482638	3486235	482362	3486407	1.48	3.83	1.30	0.48	1.74	0.55	Blackbeard
3851	482603	3486199	482330	3486353	1.44	3.68	1.28	0.47	1.72	0.54	Blackbeard
3852	482570	3486162	482301	3486309	1.41	3.50	1.26	0.47	1.69	0.54	Blackbeard
3853	482537	3486124	482274	3486259	1.37	3.36	1.22	0.47	1.64	0.54	Blackbeard
3854	482505	3486086	482255	3486210	1.34	3.19	1.18	0.48	1.58	0.55	Blackbeard
3855	482473	3486048	482229	3486157	1.31	2.97	1.14	0.49	1.52	0.56	Blackbeard
3856	482440	3486010	482209	3486114	1.28	2.89	1.10	0.50	1.47	0.57	Blackbeard
3857	482409	3485971	482191	3486067	1.24	2.69	1.06	0.50	1.41	0.57	Blackbeard
3858	482377	3485933	482172	3486020	1.20	2.41	1.03	0.52	1.36	0.58	Blackbeard
3859	482347	3485893	482151	3485975	1.17	2.13	1.01	0.55	1.32	0.60	Blackbeard
3860	482316	3485853	482132	3485929	1.11	1.94	0.97	0.56	1.25	0.61	Blackbeard
3861	482285	3485814	482115	3485886	1.04	1.67	0.92	0.59	1.18	0.63	Blackbeard
3862	482254	3485775	482097	3485842	0.96	1.53	0.85	0.59	1.09	0.63	Blackbeard
3863	482224	3485735	482077	3485798	0.89	1.44	0.78	0.57	1.01	0.62	Blackbeard
3864	482195	3485694	482057	3485753	0.80	1.38	0.69	0.54	0.90	0.59	Blackbeard
3865	482164	3485655	482038	3485708	0.76	1.23	0.66	0.60	0.84	0.64	Blackbeard
3866	482135	3485615	482019	3485663	0.66	1.15	0.56	0.53	0.74	0.59	Blackbeard
3867	482106	3485574	482001	3485617	0.58	1.02	0.49	0.51	0.65	0.57	Blackbeard
3868	482077	3485533	481982	3485572	0.52	0.96	0.42	0.48	0.57	0.55	Blackbeard
3869	482048	3485492	481963	3485526	0.45	0.81	0.36	0.47	0.49	0.54	Blackbeard
3870	482022	3485449	481944	3485480	0.36	0.71	0.29	0.41	0.41	0.49	Blackbeard
3871	481994	3485408	481928	3485434	0.29	0.56	0.23	0.38	0.32	0.45	Blackbeard
3872	481966	3485366	481912	3485389	0.22	0.48	0.17	0.35	0.24	0.41	Blackbeard
3873	481940	3485324	481892	3485344	0.15	0.47	0.10	0.22	0.16	0.29	Blackbeard
3874	481914	3485281	481872	3485300	0.08	0.49	0.03	0.04	0.08	0.11	Blackbeard
3875	481889	3485238	481850	3485255	0.00	0.60	-0.04	0.06	-0.01	0.00	Blackbeard
3876	481872	3485191	481831	3485210	-0.09	0.67	-0.12	0.37	-0.09	0.14	Blackbeard
3877	481857	3485143	481811	3485164	-0.13	0.74	-0.15	0.53	-0.15	0.29	Blackbeard
3878	481840	3485096	481793	3485119	-0.21	0.78	-0.23	0.72	-0.23	0.52	Blackbeard
3879	481826	3485048	481772	3485075	-0.27	0.94	-0.27	0.72	-0.29	0.57	Blackbeard
3880	481809	3485001	481749	3485032	-0.30	1.24	-0.30	0.64	-0.33	0.52	Blackbeard
3881	481795	3484953	481727	3484989	-0.37	1.37	-0.36	0.67	-0.40	0.57	Blackbeard
3882	481775	3484908	481703	3484945	-0.41	1.45	-0.39	0.66	-0.44	0.59	Blackbeard
3883	481758	3484861	481680	3484899	-0.43	1.37	-0.41	0.70	-0.47	0.64	Blackbeard
3884	481744	3484813	481658	3484856	-0.48	1.63	-0.52	0.80	-0.57	0.77	Blackbeard
3885	481730	3484765	481637	3484810	-0.50	1.56	-0.55	0.82	-0.60	0.77	Blackbeard
3886	481714	3484717	481614	3484765	-0.53	1.63	-0.56	0.79	-0.62	0.76	Blackbeard
3887	481698	3484670	481592	3484721	-0.56	1.60	-0.59	0.79	-0.65	0.75	Blackbeard
3888	481686	3484621	481570	3484674	-0.57	1.66	-0.59	0.77	-0.66	0.74	Blackbeard
3889	481669	3484574	481551	3484629	-0.57	1.66	-0.59	0.76	-0.66	0.73	Blackbeard
3890	481653	3484527	481528	3484583	-0.58	1.60	-0.59	0.75	-0.66	0.74	Blackbeard
3891	481638	3484479	481508	3484538	-0.60	1.56	-0.59	0.73	-0.67	0.72	Blackbeard
3892	481626	3484431	481488	3484491	-0.61	1.51	-0.57	0.69	-0.66	0.69	Blackbeard
3893	481610	3484384	481468	3484446	-0.64	1.37	-0.57	0.68	-0.68	0.67	Blackbeard
3894	481595	3484336	481447	3484398	-0.67	1.44	-0.58	0.64	-0.69	0.64	Blackbeard
3895	481579	3484289	481426	3484353	-0.70	1.62	-0.59	0.60	-0.72	0.61	Blackbeard
3896	481563	3484241	481405	3484305	-0.70	1.70	-0.60	0.59	-0.73	0.60	Blackbeard
3897	481547	3484194	481386	3484261	-0.88	1.40	-0.84	0.69	-1.03	0.72	Blackbeard
3898	481530	3484147	481368	3484214	-0.89	1.39	-0.86	0.68	-1.05	0.71	Blackbeard
3899	481514	3484099	481348	3484169	-0.88	1.42	-0.85	0.64	-1.05	0.68	Blackbeard
3900	481498	3484052	481324	3484120	-0.94	1.42	-0.91	0.65	-1.13	0.68	Blackbeard
3901	481483	3484005	481307	3484078	-0.94	1.42	-0.91	0.64	-1.14	0.67	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3902	481467	3483957	481284	3484026	-0.94	1.41	-0.89	0.60	-1.14	0.64	Blackbeard
3903	481451	3483910	481268	3483984	-0.93	1.40	-0.88	0.57	-1.13	0.62	Blackbeard
3904	481435	3483862	481252	3483938	-0.92	1.39	-0.86	0.56	-1.12	0.62	Blackbeard
3905	481417	3483816	481236	3483895	-0.93	1.38	-0.88	0.57	-1.13	0.62	Blackbeard
3906	481398	3483769	481214	3483843	-0.95	1.43	-0.89	0.57	-1.15	0.63	Blackbeard
3907	481377	3483724	481199	3483806	-0.94	1.58	-0.88	0.55	-1.15	0.61	Blackbeard
3908	481354	3483680	481183	3483757	-0.91	1.63	-0.85	0.51	-1.13	0.58	Blackbeard
3909	481333	3483635	481160	3483709	-0.91	1.75	-0.83	0.48	-1.13	0.57	Blackbeard
3910	481308	3483591	481140	3483664	-0.91	1.77	-0.83	0.47	-1.13	0.56	Blackbeard
3911	481283	3483548	481122	3483621	-0.89	1.79	-0.80	0.45	-1.10	0.54	Blackbeard
3912	481258	3483505	481103	3483568	-0.83	1.80	-0.74	0.42	-1.04	0.52	Blackbeard
3913	481236	3483460	481083	3483524	-0.82	1.82	-0.71	0.41	-1.01	0.52	Blackbeard
3914	481211	3483416	481068	3483480	-0.78	1.72	-0.67	0.40	-0.96	0.52	Blackbeard
3915	481185	3483374	481050	3483436	-0.76	1.56	-0.65	0.41	-0.92	0.52	Blackbeard
3916	481156	3483333	481031	3483391	-0.72	1.43	-0.61	0.40	-0.86	0.51	Blackbeard
3917	481130	3483291	481012	3483348	-0.63	1.45	-0.50	0.30	-0.77	0.43	Blackbeard
3918	481105	3483247	480991	3483301	-0.57	1.46	-0.44	0.24	-0.70	0.38	Blackbeard
3919	481080	3483204	480969	3483254	-0.53	1.57	-0.38	0.19	-0.65	0.34	Blackbeard
3920	481055	3483161	480951	3483208	-0.48	1.60	-0.32	0.15	-0.59	0.30	Blackbeard
3921	481029	3483118	480931	3483160	-0.44	1.69	-0.26	0.10	-0.52	0.25	Blackbeard
3922	481009	3483072	480911	3483115	-0.37	1.77	-0.18	0.05	-0.44	0.18	Blackbeard
3923	480988	3483027	480891	3483069	-0.30	1.88	-0.10	0.02	-0.35	0.12	Blackbeard
3924	480965	3482982	480871	3483022	-0.24	2.00	-0.03	0.00	-0.27	0.08	Blackbeard
3925	480944	3482937	480850	3482974	-0.17	2.12	0.05	0.00	-0.18	0.03	Blackbeard
3926	480923	3482891	480831	3482932	-0.13	2.24	0.10	0.02	-0.12	0.02	Blackbeard
3927	480903	3482846	480816	3482886	-0.05	2.27	0.18	0.05	-0.02	0.00	Blackbeard
3928	480884	3482799	480795	3482843	0.00	2.46	0.25	0.09	0.05	0.00	Blackbeard
3929	480864	3482754	480770	3482805	0.07	2.60	0.33	0.14	0.14	0.02	Blackbeard
3930	480845	3482707	480746	3482767	0.12	2.73	0.39	0.18	0.20	0.04	Blackbeard
3931	480823	3482663	480724	3482725	0.16	2.72	0.42	0.21	0.25	0.06	Blackbeard
3932	480797	3482620	480700	3482684	0.19	2.67	0.45	0.25	0.29	0.09	Blackbeard
3933	480766	3482581	480672	3482647	0.29	2.61	0.52	0.34	0.38	0.14	Blackbeard
3934	480741	3482538	480641	3482608	0.40	2.73	0.62	0.41	0.49	0.20	Blackbeard
3935	480721	3482492	480611	3482568	0.49	2.88	0.73	0.47	0.60	0.26	Blackbeard
3936	480693	3482451	480582	3482525	0.55	3.03	0.78	0.51	0.67	0.29	Blackbeard
3937	480668	3482407	480558	3482482	0.60	3.19	0.82	0.53	0.73	0.32	Blackbeard
3938	480642	3482365	480529	3482439	0.65	3.29	0.86	0.56	0.79	0.35	Blackbeard
3939	480615	3482323	480501	3482402	0.73	3.30	0.93	0.60	0.88	0.40	Blackbeard
3940	480590	3482279	480473	3482360	0.78	3.44	0.97	0.61	0.93	0.42	Blackbeard
3941	480567	3482235	480445	3482321	0.82	3.70	1.03	0.61	0.99	0.41	Blackbeard
3942	480542	3482192	480418	3482278	0.83	3.74	1.05	0.61	1.01	0.41	Blackbeard
3943	480517	3482149	480391	3482238	0.84	3.84	1.07	0.60	1.03	0.41	Blackbeard
3944	480493	3482105	480361	3482198	0.88	4.01	1.13	0.60	1.08	0.41	Blackbeard
3945	480466	3482062	480333	3482160	0.92	3.98	1.17	0.62	1.14	0.44	Blackbeard
3946	480437	3482022	480303	3482119	0.97	3.99	1.21	0.64	1.19	0.47	Blackbeard
3947	480407	3481982	480275	3482081	1.03	4.10	1.26	0.65	1.27	0.49	Blackbeard
3948	480380	3481940	480247	3482042	1.10	4.12	1.31	0.67	1.35	0.52	Blackbeard
3949	480356	3481896	480220	3482006	1.12	4.17	1.32	0.66	1.39	0.53	Blackbeard
3950	480334	3481851	480191	3481973	1.17	4.11	1.36	0.68	1.44	0.56	Blackbeard
3951	480310	3481807	480162	3481939	1.24	4.06	1.41	0.69	1.52	0.59	Blackbeard
3952	480287	3481763	480129	3481906	1.28	4.00	1.44	0.70	1.57	0.61	Blackbeard
3953	480260	3481721	480097	3481870	1.29	3.96	1.44	0.69	1.61	0.62	Blackbeard
3954	480234	3481678	480066	3481834	1.30	3.87	1.45	0.68	1.63	0.62	Blackbeard
3955	480205	3481637	480035	3481801	1.32	3.79	1.47	0.67	1.67	0.63	Blackbeard
3956	480178	3481595	480000	3481765	1.35	3.58	1.50	0.68	1.71	0.65	Blackbeard
3957	480148	3481556	479963	3481731	1.37	3.43	1.52	0.68	1.74	0.66	Blackbeard
3958	480117	3481516	479931	3481694	1.38	3.41	1.54	0.67	1.77	0.66	Blackbeard
3959	480088	3481475	479896	3481652	1.37	3.34	1.52	0.64	1.77	0.64	Blackbeard
3960	480059	3481435	479856	3481608	1.36	3.32	1.51	0.62	1.79	0.63	Blackbeard
3961	480027	3481396	479826	3481574	1.34	3.27	1.49	0.59	1.79	0.61	Blackbeard
3962	479997	3481357	479798	3481537	1.33	3.19	1.48	0.57	1.80	0.60	Blackbeard
3963	479965	3481318	479763	3481496	1.30	3.16	1.45	0.53	1.79	0.57	Blackbeard
3964	479935	3481278	479727	3481460	1.26	3.19	1.40	0.48	1.77	0.53	Blackbeard
3965	479905	3481238	479695	3481425	1.20	3.32	1.34	0.43	1.74	0.49	Blackbeard
3966	479872	3481201	479660	3481381	1.14	3.31	1.28	0.40	1.68	0.46	Blackbeard
3967	479840	3481162	479626	3481342	1.10	3.36	1.23	0.36	1.64	0.44	Blackbeard
3968	479807	3481124	479594	3481303	1.04	3.42	1.17	0.33	1.59	0.41	Blackbeard
3969	479774	3481087	479560	3481264	0.98	3.48	1.10	0.30	1.53	0.38	Blackbeard
3970	479742	3481049	479530	3481229	0.90	3.48	1.01	0.26	1.46	0.34	Blackbeard
3971	479709	3481011	479502	3481193	0.86	3.51	0.95	0.23	1.41	0.32	Blackbeard
3972	479675	3480974	479462	3481149	0.81	3.51	0.91	0.21	1.36	0.31	Blackbeard
3973	479641	3480938	479432	3481111	0.76	3.52	0.86	0.20	1.31	0.29	Blackbeard
3974	479607	3480901	479402	3481081	0.70	3.55	0.80	0.17	1.25	0.27	Blackbeard
3975	479574	3480863	479373	3481035	0.63	3.58	0.73	0.15	1.18	0.25	Blackbeard
3976	479541	3480826	479336	3480998	0.60	3.55	0.71	0.15	1.15	0.25	Blackbeard
3977	479508	3480789	479308	3480962	0.57	3.55	0.68	0.14	1.12	0.24	Blackbeard
3978	479474	3480752	479273	3480924	0.54	3.46	0.64	0.13	1.08	0.23	Blackbeard
3979	479440	3480716	479240	3480882	0.49	3.42	0.58	0.11	1.03	0.21	Blackbeard
3980	479408	3480677	479208	3480841	0.44	3.41	0.54	0.09	0.98	0.20	Blackbeard

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
3981	479376	3480639	479176	3480803	0.43	3.29	0.51	0.09	0.95	0.19	Blackbeard
3982	479342	3480602	479144	3480767	0.42	3.14	0.48	0.08	0.91	0.19	Blackbeard
3983	479309	3480565	479112	3480730	0.41	3.00	0.46	0.08	0.87	0.19	Blackbeard
3984	479276	3480527	479081	3480689	0.40	2.89	0.44	0.08	0.85	0.19	Blackbeard
3985	479272	3480522	479078	3480686	0.39	2.88	0.43	0.08	0.85	0.18	Blackbeard
3986	474968	3472946	474687	3473069	1.91	6.31	2.32	0.67	2.44	0.59	Sapelo
3987	474945	3472902	474662	3473007	1.91	6.38	2.33	0.68	2.41	0.59	Sapelo
3988	474919	3472859	474658	3472996	1.88	6.42	2.29	0.68	2.36	0.57	Sapelo
3989	474897	3472814	474637	3472963	1.89	6.55	2.31	0.68	2.36	0.56	Sapelo
3990	474876	3472769	474616	3472932	1.91	6.58	2.34	0.69	2.36	0.56	Sapelo
3991	474854	3472724	474592	3472895	1.94	6.50	2.37	0.70	2.36	0.57	Sapelo
3992	474834	3472679	474564	3472853	1.99	6.30	2.41	0.72	2.37	0.58	Sapelo
3993	474812	3472634	474537	3472810	2.03	6.10	2.44	0.74	2.37	0.59	Sapelo
3994	474788	3472590	474512	3472772	2.05	5.99	2.46	0.75	2.36	0.59	Sapelo
3995	474764	3472546	474489	3472735	2.09	5.97	2.48	0.76	2.37	0.59	Sapelo
3996	474741	3472502	474467	3472703	2.14	5.95	2.53	0.76	2.40	0.60	Sapelo
3997	474718	3472457	474445	3472675	2.21	5.91	2.60	0.77	2.45	0.61	Sapelo
3998	474697	3472412	474425	3472650	2.28	6.01	2.68	0.78	2.51	0.61	Sapelo
3999	474672	3472369	474400	3472624	2.34	6.14	2.75	0.77	2.56	0.60	Sapelo
4000	474643	3472328	474374	3472598	2.43	6.19	2.83	0.78	2.62	0.60	Sapelo
4001	474619	3472285	474345	3472570	2.50	6.29	2.91	0.78	2.67	0.59	Sapelo
4002	474592	3472243	474313	3472541	2.55	6.40	2.98	0.77	2.70	0.58	Sapelo
4003	474566	3472200	474273	3472504	2.61	6.56	3.05	0.76	2.75	0.57	Sapelo
4004	474536	3472160	474231	3472465	2.69	6.65	3.14	0.77	2.82	0.57	Sapelo
4005	474505	3472121	474191	3472425	2.71	6.83	3.16	0.76	2.84	0.56	Sapelo
4006	474470	3472085	474154	3472383	2.73	6.76	3.16	0.77	2.85	0.57	Sapelo
4007	474430	3472055	474117	3472342	2.76	6.62	3.17	0.79	2.90	0.60	Sapelo
4008	474388	3472029	474090	3472313	2.74	6.40	3.13	0.80	2.90	0.63	Sapelo
4009	474344	3472005	474065	3472287	2.72	6.01	3.09	0.83	2.91	0.67	Sapelo
4010	474302	3471978	474043	3472263	2.71	5.35	3.05	0.86	2.93	0.73	Sapelo
4011	474260	3471951	474021	3472244	2.71	4.60	3.02	0.88	2.96	0.80	Sapelo
4012	474223	3471917	474002	3472230	2.75	3.69	3.02	0.91	3.02	0.87	Sapelo
4013	474186	3471883	473980	3472215	2.80	2.70	3.01	0.93	3.09	0.92	Sapelo
4014	474147	3471852	473955	3472202	2.86	2.27	3.02	0.93	3.15	0.92	Sapelo
4015	474107	3471823	473925	3472187	2.92	2.22	3.02	0.92	3.20	0.91	Sapelo
4016	474067	3471793	473896	3472174	3.00	2.23	3.04	0.91	3.28	0.88	Sapelo
4017	474024	3471766	473862	3472159	3.05	2.23	3.04	0.88	3.35	0.86	Sapelo
4018	473983	3471738	473829	3472145	3.13	2.46	3.05	0.85	3.45	0.82	Sapelo
4019	473939	3471713	473799	3472135	3.20	3.03	3.03	0.80	3.51	0.77	Sapelo
4020	473896	3471689	473774	3472127	3.24	3.67	2.99	0.75	3.54	0.72	Sapelo
4021	473851	3471667	473750	3472120	3.33	4.40	2.99	0.70	3.61	0.67	Sapelo
4022	473807	3471643	473733	3472117	3.41	4.95	3.01	0.66	3.67	0.64	Sapelo
4023	473762	3471622	473722	3472115	3.51	5.40	3.05	0.64	3.76	0.62	Sapelo
4024	473716	3471601	473710	3472115	3.65	5.87	3.14	0.62	3.90	0.61	Sapelo
4025	473670	3471581	473703	3472116	3.85	6.31	3.28	0.61	4.09	0.60	Sapelo
4026	473629	3471554	473700	3472116	4.09	6.82	3.46	0.60	4.33	0.60	Sapelo
4027	473583	3471534	473693	3472118	4.29	7.22	3.62	0.60	4.54	0.59	Sapelo
4028	473535	3471522	473684	3472119	4.44	7.56	3.74	0.60	4.68	0.59	Sapelo
4029	473487	3471508	473680	3472120	4.52	7.73	3.81	0.60	4.76	0.59	Sapelo
4030	473438	3471514	473672	3472122	4.57	7.87	3.86	0.61	4.80	0.59	Sapelo
4031	473391	3471532	473667	3472124	4.57	7.92	3.88	0.62	4.79	0.60	Sapelo
4032	473345	3471552	473664	3472126	4.56	7.95	3.90	0.63	4.76	0.60	Sapelo
4033	473301	3471574	473659	3472128	4.56	8.05	3.93	0.65	4.74	0.61	Sapelo
4034	473262	3471606	473653	3472133	4.57	8.31	3.99	0.68	4.73	0.61	Sapelo
4035	473230	3471644	473646	3472139	4.57	8.67	4.04	0.70	4.69	0.62	Sapelo
4036	473207	3471688	473635	3472150	4.48	9.10	4.08	0.74	4.60	0.62	Sapelo
4037	473199	3471737	473627	3472158	4.30	9.93	4.08	0.76	4.41	0.62	Sapelo
4038	473185	3471785	473613	3472174	4.18	11.35	4.11	0.75	4.26	0.59	Sapelo
4039	473171	3471832	473598	3472190	4.01	12.19	3.99	0.73	4.01	0.56	Sapelo
4040	473168	3471882	473588	3472203	3.80	12.39	3.80	0.72	4.38	0.79	Sapelo
4041	473166	3471932	473581	3472212	3.60	11.95	3.62	0.71	3.96	0.78	Sapelo
4042	473166	3471982	473574	3472221	3.39	10.46	3.41	0.74	3.63	0.80	Sapelo
4043	473166	3472032	473571	3472227	3.23	8.20	3.24	0.81	3.39	0.85	Sapelo
4044	473184	3472078	473569	3472232	2.90	6.58	2.95	0.84	2.84	0.87	Sapelo
4045	473181	3472123	473569	3472232	2.89	4.97	2.93	0.90	2.78	0.92	Sapelo
4046	473165	3472170	473612	3472380	3.55	2.22	3.67	0.95	2.97	0.96	Sapelo
4047	473154	3472218	473526	3472488	3.29	2.26	3.42	0.97	3.05	0.98	Sapelo
4048	473151	3472268	473481	3472630	3.31	2.13	3.53	0.96	2.81	0.94	Sapelo
4049	473165	3472312	473355	3472646	2.71	4.36	2.80	0.91	2.86	0.94	Sapelo
4050	473168	3472356	473246	3472634	1.71	3.74	2.00	0.75	2.12	0.88	Sapelo
4051	473172	3472397	473243	3472635	1.51	3.88	1.83	0.71	1.83	0.84	Sapelo
4052	473153	3472442	473238	3472637	1.23	3.36	1.51	0.70	1.49	0.82	Sapelo
4053	473131	3472487	473212	3472653	1.00	3.46	1.19	0.53	1.68	0.80	Sapelo
4054	473096	3472522	473179	3472672	0.87	3.12	1.03	0.46	1.61	0.78	Sapelo
4055	473058	3472554	473136	3472694	0.65	2.86	0.81	0.37	1.36	0.74	Sapelo
4056	473026	3472591	473090	3472720	0.53	2.32	0.69	0.38	1.07	0.75	Sapelo
4057	472999	3472633	473050	3472744	0.49	1.82	0.61	0.42	0.94	0.77	Sapelo
4058	472973	3472669	473017	3472759	0.41	1.46	0.51	0.47	0.74	0.79	Sapelo
4059	472924	3472677	472973	3472770	0.35	1.74	0.50	0.46	0.50	0.69	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4060	472877	3472694	472937	3472784	0.44	1.74	0.59	0.54	0.59	0.74	Sapelo
4061	472839	3472726	472906	3472807	0.34	1.75	0.49	0.43	0.56	0.71	Sapelo
4062	472807	3472764	472881	3472838	0.27	1.76	0.37	0.23	0.71	0.67	Sapelo
4063	472776	3472802	472856	3472873	0.15	2.00	0.30	0.17	0.46	0.53	Sapelo
4064	472742	3472838	472829	3472905	0.37	2.06	0.51	0.39	0.67	0.71	Sapelo
4065	472718	3472882	472794	3472939	0.29	2.05	0.44	0.39	0.42	0.60	Sapelo
4066	472691	3472924	472770	3472975	0.27	1.82	0.42	0.43	0.34	0.57	Sapelo
4067	472663	3472965	472751	3473015	0.26	1.61	0.39	0.45	0.32	0.59	Sapelo
4068	472642	3473010	472734	3473047	0.15	1.83	0.29	0.27	0.20	0.33	Sapelo
4069	472624	3473057	472721	3473082	0.19	1.94	0.32	0.31	0.23	0.38	Sapelo
4070	472615	3473106	472709	3473112	0.24	2.01	0.38	0.38	0.21	0.30	Sapelo
4071	472614	3473156	472715	3473151	0.50	0.20	0.49	0.98	0.56	0.98	Sapelo
4072	472589	3473189	472721	3473168	0.51	0.25	0.49	0.99	0.51	0.98	Sapelo
4073	472566	3473192	472715	3473152	1.35	2.41	1.10	0.63	0.93	0.48	Sapelo
4074	472591	3473235	472722	3473226	0.77	1.62	0.92	0.78	0.92	0.87	Sapelo
4075	472595	3473284	472750	3473307	0.83	1.83	1.01	0.79	0.68	0.73	Sapelo
4076	472589	3473334	472729	3473396	0.77	1.95	0.96	0.75	0.80	0.84	Sapelo
4077	472580	3473383	472680	3473449	0.54	1.79	0.69	0.67	0.59	0.80	Sapelo
4078	472567	3473431	472639	3473489	0.29	2.08	0.42	0.41	0.35	0.54	Sapelo
4079	472554	3473479	472610	3473510	0.14	1.52	0.23	0.29	0.20	0.41	Sapelo
4080	472535	3473526	472596	3473541	0.04	1.46	0.15	0.14	0.04	0.03	Sapelo
4081	472518	3473572	472614	3473587	0.34	1.69	0.45	0.54	0.21	0.34	Sapelo
4082	472500	3473619	472617	3473625	0.59	1.97	0.68	0.72	0.58	0.79	Sapelo
4083	472479	3473664	472610	3473666	0.60	1.78	0.76	0.71	0.57	0.78	Sapelo
4084	472455	3473708	472562	3473748	0.46	1.99	0.61	0.58	0.51	0.72	Sapelo
4085	472436	3473754	472576	3473873	0.88	2.51	1.06	0.73	0.65	0.68	Sapelo
4086	472398	3473784	472546	3473921	1.09	2.80	1.26	0.79	0.97	0.83	Sapelo
4087	472362	3473816	472500	3473982	1.43	1.88	1.51	0.92	1.26	0.94	Sapelo
4088	472334	3473857	472385	3473936	0.41	1.36	0.51	0.67	0.44	0.80	Sapelo
4089	472309	3473900	472362	3473956	0.36	1.01	0.44	0.71	0.42	0.86	Sapelo
4090	472287	3473945	472340	3473986	0.28	0.98	0.36	0.64	0.34	0.81	Sapelo
4091	472263	3473989	472318	3474027	0.36	1.15	0.42	0.63	0.53	0.83	Sapelo
4092	472238	3474032	472294	3474064	0.33	1.29	0.37	0.55	0.54	0.78	Sapelo
4093	472190	3474044	472270	3474108	0.63	1.35	0.62	0.58	1.07	0.83	Sapelo
4094	472166	3474081	472244	3474151	0.62	1.45	0.63	0.54	1.10	0.82	Sapelo
4095	472128	3474111	472206	3474190	0.61	1.95	0.64	0.49	1.11	0.79	Sapelo
4096	472087	3474135	472158	3474215	0.63	2.20	0.72	0.57	1.01	0.80	Sapelo
4097	472044	3474159	472118	3474255	0.72	2.00	0.80	0.76	0.89	0.87	Sapelo
4098	472000	3474182	472096	3474279	0.81	2.39	0.93	0.60	1.28	0.83	Sapelo
4099	471954	3474191	472079	3474297	1.02	1.83	0.98	0.58	1.75	0.83	Sapelo
4100	471926	3474230	472052	3474327	1.04	1.77	0.99	0.58	1.78	0.84	Sapelo
4101	471914	3474275	472035	3474355	0.99	1.24	0.97	0.73	1.51	0.89	Sapelo
4102	471877	3474309	472001	3474418	1.14	1.92	1.07	0.67	1.79	0.86	Sapelo
4103	471842	3474343	471965	3474499	1.38	2.38	1.34	0.66	2.21	0.85	Sapelo
4104	471809	3474379	471819	3474566	1.30	1.88	1.16	0.61	2.12	0.85	Sapelo
4105	471797	3474416	471816	3474567	0.69	1.30	0.70	0.68	1.07	0.86	Sapelo
4106	471809	3474462	471819	3474566	0.68	1.38	0.70	0.67	1.07	0.86	Sapelo
4107	471781	3474498	471799	3474571	0.46	1.00	0.51	0.75	0.64	0.89	Sapelo
4108	471745	3474514	471775	3474581	0.43	0.99	0.47	0.73	0.60	0.88	Sapelo
4109	471711	3474549	471752	3474596	0.22	1.32	0.29	0.41	0.38	0.70	Sapelo
4110	471667	3474567	471733	3474605	0.03	1.82	0.15	0.09	0.19	0.27	Sapelo
4111	471658	3474615	471808	3474699	0.49	2.40	0.76	0.41	-0.18	0.03	Sapelo
4112	471636	3474658	471782	3474732	1.00	2.37	1.04	0.70	0.59	0.56	Sapelo
4113	471646	3474701	471762	3474755	0.53	1.94	0.56	0.45	0.11	0.05	Sapelo
4114	471666	3474745	471724	3474779	0.21	1.17	0.26	0.35	-0.02	0.00	Sapelo
4115	471650	3474791	471676	3474821	0.05	0.67	0.07	0.12	-0.08	0.21	Sapelo
4116	471621	3474831	471655	3474862	-0.06	0.93	0.01	0.00	-0.20	0.51	Sapelo
4117	471584	3474864	471632	3474894	0.10	1.04	0.19	0.32	0.02	0.01	Sapelo
4118	471552	3474900	471591	3474932	0.04	1.44	0.10	0.09	-0.06	0.07	Sapelo
4119	471535	3474947	471583	3474982	0.04	1.41	0.16	0.15	0.01	0.00	Sapelo
4120	471507	3474987	471569	3475001	0.03	1.53	0.16	0.14	0.03	0.01	Sapelo
4121	471481	3475029	471521	3475038	-0.05	0.73	0.01	0.00	-0.13	0.44	Sapelo
4122	471494	3475073	471548	3475085	-0.14	0.56	-0.15	0.28	-0.31	0.74	Sapelo
4123	471493	3475111	471544	3475108	-0.19	1.10	-0.09	0.10	-0.24	0.62	Sapelo
4124	471499	3475159	471530	3475154	-0.14	0.44	-0.13	0.63	-0.11	0.69	Sapelo
4125	471485	3475206	471524	3475204	-0.18	0.38	-0.16	0.62	-0.28	0.83	Sapelo
4126	471466	3475252	471533	3475235	-0.10	0.00	-0.10	0.00	-0.10	0.00	Sapelo
4127	471446	3475298	471539	3475259	-0.15	0.00	-0.15	0.00	-0.15	0.00	Sapelo
4128	471425	3475343	471575	3475308	-0.41	0.00	-0.41	0.00	-0.41	0.00	Sapelo
4129	471405	3475389	471605	3475383	NA	NA	NA	0.00	NA	0.00	Sapelo
4136	471235	3475680	471329	3475771	-0.02	0.00	-0.02	0.00	-0.02	0.00	Sapelo
4137	471210	3475721	471302	3475802	-0.33	0.86	-0.39	0.53	-0.39	0.44	Sapelo
4138	471191	3475767	471261	3475834	-0.63	1.39	-0.51	0.59	-0.52	0.79	Sapelo
4139	471156	3475803	471234	3475885	-0.75	1.66	-0.63	0.59	-0.52	0.70	Sapelo
4140	471146	3475852	471210	3475914	-0.57	1.62	-0.43	0.44	-0.42	0.67	Sapelo
4141	471128	3475893	471177	3475939	-0.43	1.21	-0.32	0.43	-0.35	0.69	Sapelo
4142	471094	3475930	471136	3475972	-0.29	1.21	-0.23	0.39	-0.45	0.70	Sapelo
4143	471081	3475974	471114	3476000	-0.21	0.77	-0.13	0.27	-0.22	0.69	Sapelo
4144	471052	3476014	471084	3476038	-0.16	0.87	-0.08	0.09	-0.11	0.34	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4145	471024	3476052	471070	3476081	-0.12	0.97	-0.03	0.01	-0.12	0.26	Sapelo
4146	471003	3476096	471054	3476122	0.03	1.14	0.15	0.17	-0.01	0.00	Sapelo
4147	470974	3476137	471021	3476165	0.07	1.14	0.16	0.24	0.05	0.07	Sapelo
4148	470945	3476178	471013	3476215	0.21	1.18	0.33	0.48	0.09	0.12	Sapelo
4149	470917	3476219	470995	3476246	0.28	1.22	0.39	0.59	0.20	0.46	Sapelo
4150	470886	3476258	470957	3476276	0.18	1.24	0.31	0.43	0.13	0.22	Sapelo
4151	470857	3476298	470960	3476319	0.37	1.45	0.52	0.59	0.20	0.27	Sapelo
4152	470831	3476341	470952	3476359	0.50	1.53	0.66	0.67	0.31	0.44	Sapelo
4153	470809	3476386	470964	3476433	0.86	1.34	1.01	0.81	0.53	0.61	Sapelo
4154	470784	3476429	470926	3476500	0.82	1.41	0.97	0.79	0.49	0.56	Sapelo
4155	470761	3476473	470880	3476542	0.64	1.52	0.80	0.74	0.40	0.49	Sapelo
4156	470745	3476521	470843	3476580	0.46	1.47	0.62	0.66	0.26	0.32	Sapelo
4157	470736	3476570	470823	3476614	0.36	1.29	0.49	0.60	0.15	0.16	Sapelo
4158	470730	3476619	470824	3476647	0.36	1.17	0.49	0.57	0.07	0.03	Sapelo
4159	470728	3476669	470812	3476684	0.26	1.05	0.38	0.49	0.00	0.00	Sapelo
4160	470730	3476719	470795	3476726	0.15	0.88	0.24	0.39	-0.04	0.03	Sapelo
4161	470730	3476769	470786	3476781	0.00	1.17	0.13	0.11	-0.19	0.28	Sapelo
4162	470731	3476819	470786	3476822	0.01	1.01	0.11	0.09	-0.23	0.36	Sapelo
4163	470727	3476869	470803	3476869	-0.13	1.40	0.02	0.00	-0.49	0.55	Sapelo
4164	470732	3476918	470802	3476919	-0.15	1.22	-0.02	0.00	-0.48	0.59	Sapelo
4165	470735	3476968	470783	3476967	-0.03	0.83	0.05	0.03	-0.23	0.46	Sapelo
4166	470741	3477018	470785	3477012	-0.07	0.68	0.00	0.00	-0.22	0.57	Sapelo
4167	470744	3477068	470787	3477065	-0.08	0.76	-0.01	0.00	-0.16	0.53	Sapelo
4168	470748	3477117	470802	3477122	-0.14	0.54	-0.10	0.29	-0.08	0.40	Sapelo
4169	470755	3477167	470799	3477170	-0.14	0.85	-0.06	0.06	-0.21	0.64	Sapelo
4170	470765	3477215	470815	3477215	-0.27	0.79	-0.19	0.39	-0.39	0.82	Sapelo
4171	470762	3477265	470796	3477264	-0.18	0.52	-0.14	0.42	-0.10	0.47	Sapelo
4172	470764	3477314	470812	3477310	-0.28	0.48	-0.24	0.72	-0.24	0.86	Sapelo
4173	470780	3477362	470824	3477348	-0.26	0.55	-0.21	0.63	-0.27	0.87	Sapelo
4174	470792	3477410	470833	3477394	-0.25	0.71	-0.19	0.47	-0.25	0.81	Sapelo
4175	470808	3477457	470856	3477440	-0.29	0.48	-0.27	0.85	-0.24	0.89	Sapelo
4176	470825	3477505	470878	3477481	-0.35	0.30	-0.33	0.94	-0.34	0.97	Sapelo
4177	470841	3477552	470891	3477526	-0.34	0.43	-0.33	0.90	-0.28	0.91	Sapelo
4178	470863	3477597	470912	3477574	-0.33	0.47	-0.29	0.83	-0.29	0.93	Sapelo
4179	470885	3477642	470938	3477617	-0.36	0.15	-0.37	0.97	-0.30	0.95	Sapelo
4180	470908	3477686	470958	3477658	-0.35	0.62	-0.31	0.78	-0.28	0.86	Sapelo
4181	470935	3477728	470975	3477701	-0.28	0.35	-0.27	0.82	-0.17	0.70	Sapelo
4182	470962	3477770	471003	3477744	-0.26	0.39	-0.27	0.79	-0.14	0.54	Sapelo
4183	470985	3477814	471042	3477774	-0.43	0.32	-0.46	0.97	-0.42	0.97	Sapelo
4184	471013	3477854	471054	3477821	-0.30	0.37	-0.30	0.94	-0.26	0.93	Sapelo
4185	471022	3477903	471078	3477863	-0.42	0.42	-0.40	0.93	-0.38	0.96	Sapelo
4186	471035	3477951	471123	3477904	-0.64	0.60	-0.59	0.93	-0.63	0.98	Sapelo
4187	471056	3477996	471142	3477951	-0.64	0.18	-0.63	0.99	-0.61	1.00	Sapelo
4188	471079	3478040	471153	3478010	-0.51	0.28	-0.50	0.94	-0.43	0.96	Sapelo
4189	471102	3478085	471174	3478065	-0.45	0.09	-0.44	0.99	-0.41	0.99	Sapelo
4190	471122	3478131	471203	3478108	-0.53	0.44	-0.50	0.96	-0.55	0.98	Sapelo
4191	471142	3478176	471210	3478162	-0.43	0.37	-0.40	0.94	-0.40	0.98	Sapelo
4192	471143	3478226	471230	3478216	-0.56	0.38	-0.53	0.96	-0.55	0.99	Sapelo
4193	471152	3478275	471244	3478261	-0.62	0.45	-0.57	0.95	-0.65	0.98	Sapelo
4194	471164	3478324	471249	3478311	-0.56	0.43	-0.52	0.95	-0.56	0.98	Sapelo
4195	471173	3478373	471256	3478366	-0.54	0.52	-0.50	0.93	-0.51	0.97	Sapelo
4196	471178	3478422	471256	3478414	-0.50	0.60	-0.48	0.91	-0.41	0.91	Sapelo
4197	471179	3478472	471261	3478463	-0.52	0.63	-0.51	0.89	-0.40	0.87	Sapelo
4198	471177	3478522	471261	3478520	-0.55	0.35	-0.52	0.96	-0.49	0.98	Sapelo
4199	471177	3478572	471257	3478577	-0.51	0.41	-0.48	0.93	-0.46	0.97	Sapelo
4200	471182	3478622	471248	3478628	-0.42	0.29	-0.40	0.95	-0.38	0.97	Sapelo
4201	471181	3478672	471238	3478680	-0.35	0.43	-0.31	0.86	-0.35	0.95	Sapelo
4202	471167	3478720	471226	3478730	-0.35	0.64	-0.29	0.68	-0.28	0.82	Sapelo
4203	471155	3478768	471208	3478776	-0.32	0.58	-0.27	0.71	-0.29	0.88	Sapelo
4204	471146	3478817	471202	3478822	-0.34	0.41	-0.30	0.87	-0.36	0.95	Sapelo
4205	471144	3478867	471200	3478869	-0.34	0.41	-0.30	0.83	-0.42	0.93	Sapelo
4206	471143	3478917	471196	3478916	-0.31	0.33	-0.28	0.89	-0.37	0.94	Sapelo
4207	471147	3478967	471194	3478961	-0.27	0.22	-0.27	0.83	-0.17	0.73	Sapelo
4208	471157	3479016	471209	3479009	-0.30	0.35	-0.31	0.93	-0.26	0.94	Sapelo
4209	471169	3479065	471222	3479057	-0.31	0.20	-0.29	0.96	-0.31	0.98	Sapelo
4210	471178	3479114	471228	3479109	-0.29	0.22	-0.28	0.93	-0.26	0.96	Sapelo
4211	471181	3479163	471233	3479159	-0.31	0.28	-0.29	0.91	-0.27	0.95	Sapelo
4212	471192	3479212	471232	3479211	-0.23	0.58	-0.18	0.52	-0.16	0.68	Sapelo
4213	471203	3479261	471236	3479259	-0.17	0.53	-0.13	0.37	-0.11	0.54	Sapelo
4214	471212	3479310	471241	3479307	-0.08	0.49	-0.04	0.06	0.00	0.00	Sapelo
4215	471218	3479360	471248	3479356	-0.04	0.49	0.00	0.00	0.01	0.02	Sapelo
4216	471222	3479409	471255	3479405	-0.02	0.56	0.02	0.02	0.03	0.06	Sapelo
4217	471226	3479459	471262	3479456	-0.03	0.61	0.02	0.01	0.05	0.15	Sapelo
4218	471230	3479509	471267	3479508	-0.05	0.62	0.00	0.00	0.04	0.07	Sapelo
4219	471234	3479559	471265	3479560	-0.07	0.51	-0.02	0.02	0.00	0.00	Sapelo
4220	471234	3479609	471262	3479609	-0.04	0.39	-0.01	0.00	0.02	0.07	Sapelo
4221	471231	3479659	471256	3479657	-0.01	0.36	0.02	0.02	0.01	0.02	Sapelo
4222	471231	3479709	471256	3479708	0.04	0.35	0.06	0.30	0.07	0.48	Sapelo
4223	471235	3479759	471276	3479759	NA	NA	NA	0.00	NA	0.00	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4225	471226	3479858	471268	3479867	NA	NA	NA	0.00	NA	0.00	Sapelo
4226	471209	3479904	471240	3479920	-0.03	0.61	0.02	0.01	0.01	0.00	Sapelo
4227	471182	3479947	471208	3479964	-0.02	0.51	0.02	0.02	-0.02	0.03	Sapelo
4228	471147	3479981	471170	3480002	-0.03	0.55	0.01	0.01	0.05	0.17	Sapelo
4229	471108	3480012	471130	3480035	-0.11	0.59	-0.07	0.11	0.00	0.00	Sapelo
4230	471067	3480040	471090	3480062	-0.12	0.63	-0.07	0.11	-0.04	0.08	Sapelo
4231	471037	3480080	471055	3480093	-0.07	0.32	-0.04	0.14	-0.06	0.51	Sapelo
4232	471010	3480122	471034	3480133	-0.06	0.40	-0.02	0.03	-0.04	0.17	Sapelo
4233	470995	3480169	471019	3480172	-0.05	0.37	-0.02	0.03	0.00	0.00	Sapelo
4234	470992	3480219	471016	3480216	-0.01	0.37	0.02	0.02	0.05	0.30	Sapelo
4235	471010	3480265	471030	3480256	0.06	0.18	0.07	0.46	0.10	0.79	Sapelo
4236	471041	3480304	471059	3480291	0.04	0.29	0.06	0.31	0.07	0.55	Sapelo
4237	471078	3480337	471091	3480323	0.04	0.17	0.04	0.42	0.07	0.77	Sapelo
4238	471121	3480363	471130	3480351	-0.01	0.21	-0.01	0.09	0.00	0.00	Sapelo
4239	471162	3480392	471172	3480374	-0.04	0.29	-0.04	0.21	0.00	0.00	Sapelo
4240	471203	3480419	471213	3480400	-0.07	0.13	-0.07	0.60	-0.02	0.17	Sapelo
4241	471247	3480445	471257	3480420	-0.08	0.17	-0.09	0.49	0.00	0.00	Sapelo
4242	471291	3480468	471300	3480443	-0.09	0.16	-0.11	0.73	-0.04	0.28	Sapelo
4243	471336	3480489	471345	3480463	-0.13	0.05	-0.14	0.97	-0.11	0.97	Sapelo
4244	471382	3480510	471392	3480481	-0.13	0.22	-0.14	0.87	-0.12	0.92	Sapelo
4245	471427	3480532	471441	3480496	-0.16	0.37	-0.19	0.79	-0.16	0.88	Sapelo
4246	471472	3480553	471491	3480514	-0.20	0.38	-0.24	0.82	-0.18	0.85	Sapelo
4247	471515	3480578	471541	3480536	-0.24	0.40	-0.28	0.87	-0.23	0.91	Sapelo
4248	471557	3480606	471587	3480568	-0.26	0.30	-0.29	0.93	-0.26	0.97	Sapelo
4249	471594	3480638	471629	3480604	-0.28	0.25	-0.29	0.97	-0.28	0.98	Sapelo
4250	471629	3480674	471666	3480644	-0.27	0.14	-0.28	0.98	-0.28	0.99	Sapelo
4251	471659	3480714	471702	3480684	-0.31	0.36	-0.31	0.95	-0.33	0.96	Sapelo
4252	471685	3480757	471729	3480732	-0.29	0.30	-0.29	0.96	-0.29	0.97	Sapelo
4253	471700	3480804	471756	3480784	-0.36	0.37	-0.34	0.94	-0.35	0.96	Sapelo
4254	471716	3480852	471766	3480840	-0.29	0.32	-0.28	0.94	-0.27	0.95	Sapelo
4255	471723	3480901	471771	3480897	-0.27	0.43	-0.25	0.85	-0.26	0.90	Sapelo
4256	471725	3480951	471765	3480952	-0.21	0.47	-0.19	0.76	-0.24	0.85	Sapelo
4257	471725	3481001	471760	3481003	-0.19	0.46	-0.16	0.69	-0.22	0.83	Sapelo
4258	471729	3481050	471757	3481052	-0.11	0.54	-0.08	0.30	-0.15	0.62	Sapelo
4259	471726	3481100	471752	3481104	0.08	0.56	0.04	0.03	-0.04	0.09	Sapelo
4260	471705	3481145	471743	3481155	-0.23	0.00	-0.23	0.00	-0.23	0.00	Sapelo
4261	471680	3481188	471703	3481197	-0.10	0.43	-0.09	0.50	-0.11	0.63	Sapelo
4262	471654	3481231	471677	3481242	-0.10	0.46	-0.07	0.29	-0.09	0.48	Sapelo
4263	471628	3481274	471648	3481285	-0.07	0.33	-0.04	0.14	-0.03	0.20	Sapelo
4264	471600	3481315	471624	3481330	-0.09	0.48	-0.05	0.09	-0.04	0.11	Sapelo
4265	471573	3481357	471601	3481371	-0.08	0.48	-0.05	0.12	-0.01	0.02	Sapelo
4266	471552	3481403	471577	3481411	-0.04	0.38	-0.03	0.10	0.01	0.02	Sapelo
4267	471536	3481450	471558	3481453	-0.05	0.40	-0.06	0.31	-0.02	0.07	Sapelo
4268	471539	3481499	471560	3481499	-0.03	0.43	-0.04	0.15	-0.03	0.14	Sapelo
4269	471553	3481547	471573	3481543	-0.04	0.38	-0.02	0.05	-0.06	0.35	Sapelo
4270	471572	3481593	471590	3481587	-0.03	0.34	-0.01	0.01	-0.05	0.33	Sapelo
4271	471579	3481642	471607	3481631	-0.04	0.55	0.02	0.02	-0.05	0.18	Sapelo
4272	471600	3481687	471629	3481678	0.00	0.52	0.05	0.10	-0.01	0.00	Sapelo
4273	471619	3481733	471645	3481726	0.02	0.43	0.05	0.15	0.03	0.08	Sapelo
4274	471633	3481782	471657	3481776	0.02	0.41	0.05	0.22	0.02	0.03	Sapelo
4275	471644	3481830	471664	3481828	0.04	0.32	0.06	0.37	0.01	0.03	Sapelo
4276	471647	3481880	471671	3481877	0.03	0.43	0.05	0.20	-0.02	0.05	Sapelo
4277	471651	3481930	471673	3481928	-0.01	0.44	0.00	0.00	-0.07	0.31	Sapelo
4278	471658	3481980	471683	3481977	-0.05	0.52	-0.03	0.05	-0.05	0.20	Sapelo
4279	471661	3482029	471690	3482027	-0.08	0.48	-0.06	0.19	-0.05	0.19	Sapelo
4280	471666	3482079	471693	3482071	-0.09	0.50	-0.07	0.24	-0.06	0.26	Sapelo
4281	471675	3482128	471697	3482118	-0.07	0.53	-0.06	0.20	-0.07	0.33	Sapelo
4282	471700	3482170	471718	3482158	0.16	0.47	0.11	0.33	0.12	0.69	Sapelo
4285	471798	3482280	471814	3482266	-0.11	0.29	-0.10	0.44	-0.10	0.80	Sapelo
4286	471828	3482320	471847	3482303	-0.10	0.22	-0.11	0.85	-0.12	0.91	Sapelo
4287	471865	3482354	471880	3482341	-0.07	0.11	-0.07	0.81	-0.10	0.89	Sapelo
4288	471900	3482390	471916	3482376	-0.07	0.19	-0.05	0.33	-0.13	0.79	Sapelo
4289	471932	3482428	471948	3482415	-0.07	0.20	-0.05	0.30	-0.11	0.78	Sapelo
4290	471957	3482471	471977	3482456	-0.11	0.21	-0.08	0.66	-0.12	0.89	Sapelo
4291	471975	3482517	472002	3482497	-0.17	0.30	-0.16	0.85	-0.17	0.89	Sapelo
4292	471996	3482563	472029	3482537	-0.24	0.33	-0.23	0.91	-0.23	0.93	Sapelo
4293	472029	3482600	472062	3482572	-0.24	0.31	-0.22	0.83	-0.32	0.91	Sapelo
4294	472064	3482636	472096	3482605	-0.26	0.35	-0.25	0.75	-0.39	0.88	Sapelo
4295	472098	3482673	472131	3482639	-0.27	0.42	-0.27	0.75	-0.40	0.89	Sapelo
4296	472132	3482709	472166	3482673	-0.29	0.37	-0.29	0.84	-0.39	0.92	Sapelo
4297	472165	3482747	472202	3482707	-0.33	0.34	-0.33	0.93	-0.40	0.95	Sapelo
4298	472197	3482786	472243	3482743	-0.39	0.37	-0.38	0.93	-0.46	0.96	Sapelo
4299	472226	3482826	472280	3482787	-0.41	0.36	-0.41	0.97	-0.45	0.98	Sapelo
4300	472249	3482870	472316	3482836	-0.48	0.46	-0.47	0.96	-0.47	0.97	Sapelo
4301	472275	3482913	472341	3482894	-0.43	0.37	-0.40	0.95	-0.47	0.97	Sapelo
4302	472299	3482957	472350	3482953	-0.30	0.25	-0.28	0.88	-0.39	0.94	Sapelo
4303	472303	3483006	472348	3483009	-0.26	0.29	-0.24	0.91	-0.30	0.94	Sapelo
4304	472291	3483055	472342	3483064	-0.30	0.43	-0.29	0.91	-0.35	0.93	Sapelo
4305	472270	3483100	472325	3483124	-0.36	0.47	-0.33	0.90	-0.41	0.93	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4306	472243	3483142	472299	3483178	-0.41	0.06	-0.40	1.00	-0.40	1.00	Sapelo
4307	472208	3483177	472263	3483225	-0.30	0.22	-0.32	0.93	-0.31	0.90	Sapelo
4308	472169	3483209	472210	3483257	-0.39	0.43	-0.35	0.89	-0.39	0.95	Sapelo
4309	472131	3483241	472162	3483291	-0.36	0.59	-0.30	0.76	-0.37	0.91	Sapelo
4310	472094	3483274	472126	3483313	-0.30	0.47	-0.25	0.77	-0.35	0.91	Sapelo
4311	472057	3483308	472088	3483345	-0.27	0.43	-0.22	0.77	-0.29	0.92	Sapelo
4312	472020	3483342	472059	3483377	-0.32	0.51	-0.27	0.77	-0.37	0.92	Sapelo
4313	471983	3483376	472029	3483403	-0.32	0.32	-0.29	0.91	-0.31	0.97	Sapelo
4314	471955	3483416	472010	3483429	-0.34	0.34	-0.32	0.89	-0.29	0.94	Sapelo
4315	471934	3483461	472000	3483469	-0.41	0.43	-0.40	0.86	-0.31	0.88	Sapelo
4316	471928	3483511	472011	3483507	-0.54	0.55	-0.51	0.90	-0.47	0.94	Sapelo
4317	471929	3483561	472011	3483544	-0.55	0.50	-0.52	0.91	-0.46	0.94	Sapelo
4318	471942	3483608	472013	3483583	-0.46	0.46	-0.46	0.93	-0.44	0.95	Sapelo
4319	471965	3483653	472018	3483631	-0.29	0.68	-0.29	0.78	-0.29	0.86	Sapelo
4320	471994	3483694	472037	3483663	-0.22	0.89	-0.20	0.54	-0.27	0.75	Sapelo
4321	472028	3483729	472064	3483678	-0.25	1.37	-0.20	0.32	-0.38	0.68	Sapelo
4322	472066	3483762	472095	3483701	-0.04	1.98	-0.10	0.07	-0.16	0.25	Sapelo
4323	472115	3483770	472145	3483673	-0.38	2.13	-0.40	0.48	-0.47	0.77	Sapelo
4324	472165	3483775	472178	3483686	-0.29	1.79	-0.36	0.64	-0.44	0.86	Sapelo
4325	472214	3483780	472222	3483706	-0.18	1.85	-0.24	0.42	-0.37	0.72	Sapelo
4326	472264	3483782	472268	3483723	-0.05	1.45	-0.13	0.32	-0.17	0.71	Sapelo
4327	472314	3483778	472319	3483726	-0.11	1.45	-0.15	0.28	-0.27	0.59	Sapelo
4328	472363	3483786	472373	3483714	-0.25	1.21	-0.29	0.72	-0.37	0.91	Sapelo
4329	472412	3483794	472423	3483737	-0.17	1.10	-0.19	0.54	-0.33	0.81	Sapelo
4330	472457	3483815	472470	3483768	-0.01	1.34	0.01	0.00	-0.21	0.37	Sapelo
4331	472505	3483824	472522	3483786	-0.01	1.01	0.03	0.02	-0.20	0.41	Sapelo
4332	472547	3483849	472562	3483802	0.09	0.79	0.11	0.25	-0.07	0.10	Sapelo
4333	472590	3483853	472602	3483816	0.06	0.66	0.08	0.22	-0.07	0.17	Sapelo
4334	472632	3483858	472639	3483825	0.03	0.58	0.07	0.15	-0.10	0.27	Sapelo
4335	472671	3483886	472677	3483840	0.05	1.19	0.07	0.09	-0.10	0.18	Sapelo
4336	472709	3483912	472712	3483844	0.24	1.36	0.23	0.48	0.05	0.04	Sapelo
4337	472754	3483892	472753	3483841	-0.04	1.35	0.00	0.00	-0.17	0.45	Sapelo
4338	472800	3483888	472801	3483839	0.13	1.13	0.15	0.30	0.01	0.00	Sapelo
4339	472846	3483895	472851	3483833	0.17	1.05	0.20	0.43	-0.01	0.00	Sapelo
4340	472886	3483920	472905	3483841	0.30	0.89	0.37	0.64	0.09	0.08	Sapelo
4341	472929	3483943	472967	3483864	0.32	0.76	0.47	0.69	0.14	0.14	Sapelo
4342	472973	3483967	473023	3483899	0.32	0.75	0.47	0.71	0.15	0.19	Sapelo
4343	473018	3483988	473062	3483937	0.22	0.55	0.33	0.61	0.07	0.06	Sapelo
4344	473059	3484016	473098	3483977	0.15	0.44	0.24	0.50	0.00	0.00	Sapelo
4345	473100	3484044	473129	3484010	0.12	0.42	0.18	0.57	0.02	0.01	Sapelo
4346	473145	3484067	473163	3484044	0.04	0.27	0.10	0.47	-0.02	0.02	Sapelo
4347	473185	3484093	473202	3484068	0.04	0.69	0.03	0.05	-0.01	0.01	Sapelo
4348	473228	3484114	473244	3484087	-0.04	0.73	-0.07	0.30	-0.11	0.59	Sapelo
4349	473271	3484139	473284	3484113	0.00	0.79	-0.05	0.11	-0.05	0.21	Sapelo
4350	473313	3484156	473326	3484130	-0.07	0.48	-0.09	0.51	-0.11	0.69	Sapelo
4351	473358	3484177	473370	3484152	-0.02	0.54	-0.03	0.07	-0.01	0.01	Sapelo
4352	473403	3484198	473414	3484176	-0.08	0.45	-0.06	0.29	-0.09	0.53	Sapelo
4353	473443	3484225	473459	3484196	-0.02	0.76	-0.01	0.01	-0.02	0.03	Sapelo
4354	473490	3484243	473506	3484214	-0.11	0.79	-0.08	0.22	-0.14	0.47	Sapelo
4355	473536	3484261	473548	3484241	-0.02	0.51	0.01	0.01	-0.01	0.01	Sapelo
4356	473579	3484287	473593	3484264	0.01	0.54	0.04	0.11	-0.02	0.02	Sapelo
4357	473620	3484315	473634	3484292	-0.02	0.49	0.02	0.04	-0.06	0.21	Sapelo
4358	473661	3484344	473676	3484319	-0.01	0.45	0.04	0.11	-0.05	0.16	Sapelo
4359	473697	3484378	473717	3484344	0.08	0.65	0.11	0.34	0.01	0.01	Sapelo
4360	473738	3484406	473763	3484367	0.10	0.58	0.16	0.53	0.03	0.03	Sapelo
4361	473782	3484429	473802	3484397	0.08	0.28	0.13	0.50	0.00	0.00	Sapelo
4362	473823	3484457	473845	3484423	0.14	0.37	0.16	0.59	0.05	0.11	Sapelo
4363	473865	3484485	473890	3484444	0.05	0.69	0.12	0.20	-0.04	0.04	Sapelo
4364	473902	3484517	473929	3484470	0.15	0.83	0.19	0.43	0.07	0.11	Sapelo
4365	473946	3484530	473963	3484494	0.14	0.38	0.17	0.59	0.07	0.24	Sapelo
4366	473988	3484554	474004	3484511	0.17	0.57	0.20	0.71	0.09	0.28	Sapelo
4367	474032	3484570	474054	3484523	0.19	0.38	0.26	0.80	0.13	0.49	Sapelo
4368	474074	3484596	474110	3484528	0.31	0.90	0.42	0.81	0.24	0.56	Sapelo
4369	474120	3484614	474159	3484550	0.25	1.08	0.40	0.76	0.21	0.48	Sapelo
4370	474165	3484636	474184	3484604	0.19	0.29	0.19	0.92	0.17	0.91	Sapelo
4371	474203	3484665	474219	3484635	0.14	0.34	0.13	0.64	0.12	0.78	Sapelo
4372	474242	3484685	474258	3484645	0.12	1.04	0.10	0.24	0.06	0.12	Sapelo
4373	474290	3484675	474297	3484641	0.08	0.76	0.05	0.12	0.05	0.15	Sapelo
4374	474337	3484679	474342	3484649	-0.04	0.66	0.01	0.01	-0.06	0.16	Sapelo
4375	474384	3484690	474392	3484660	-0.05	0.76	-0.02	0.02	-0.06	0.15	Sapelo
4376	474432	3484700	474439	3484673	-0.04	0.53	-0.02	0.04	-0.04	0.14	Sapelo
4377	474478	3484708	474480	3484690	-0.02	0.27	-0.01	0.07	-0.04	0.33	Sapelo
4378	474517	3484735	474520	3484694	0.06	0.97	0.04	0.04	0.02	0.01	Sapelo
4379	474552	3484721	474548	3484687	-0.11	0.75	-0.09	0.31	-0.12	0.45	Sapelo
4380	474588	3484753	474566	3484687	0.04	2.14	0.06	0.02	0.00	0.00	Sapelo
4381	474629	3484729	474603	3484684	-0.08	1.47	-0.08	0.06	0.01	0.00	Sapelo
4382	474678	3484732	474636	3484674	-0.28	1.40	-0.28	0.45	-0.16	0.28	Sapelo
4383	474684	3484694	474647	3484659	-0.10	1.06	-0.08	0.10	-0.04	0.04	Sapelo
4384	474714	3484661	474675	3484620	0.04	1.62	0.06	0.04	0.05	0.03	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4385	474748	3484631	474714	3484578	0.23	0.80	0.31	0.64	0.08	0.10	Sapelo
4386	474782	3484659	474740	3484567	0.29	1.44	0.36	0.34	-0.15	0.07	Sapelo
4387	474818	3484631	474787	3484536	0.48	0.84	0.52	0.74	0.21	0.29	Sapelo
4388	474862	3484620	474848	3484553	0.28	1.40	0.34	0.60	0.18	0.27	Sapelo
4389	474907	3484601	474895	3484526	0.37	1.54	0.46	0.67	0.31	0.51	Sapelo
4390	474943	3484633	474912	3484520	0.48	1.97	0.63	0.65	0.27	0.25	Sapelo
4391	474970	3484672	474942	3484514	0.65	2.31	0.81	0.70	0.48	0.47	Sapelo
4392	475014	3484682	475027	3484483	1.11	1.39	1.22	0.75	0.47	0.30	Sapelo
4393	475056	3484704	475116	3484516	1.05	1.41	1.18	0.73	0.40	0.22	Sapelo
4394	475092	3484732	475203	3484538	1.16	3.42	1.34	0.75	0.65	0.36	Sapelo
4395	475133	3484720	475244	3484594	0.93	1.80	1.05	0.80	0.52	0.45	Sapelo
4396	475169	3484746	475287	3484635	0.83	1.16	0.92	0.68	0.26	0.14	Sapelo
4397	475210	3484773	475308	3484675	0.30	3.96	0.45	0.24	-0.10	0.01	Sapelo
4398	475253	3484752	475319	3484684	0.25	2.43	0.34	0.34	0.03	0.00	Sapelo
4399	475296	3484774	475347	3484714	0.19	2.19	0.28	0.29	0.00	0.00	Sapelo
4400	475336	3484803	475385	3484745	0.04	1.91	0.18	0.12	-0.29	0.23	Sapelo
4401	475374	3484835	475426	3484778	0.18	1.55	0.32	0.37	-0.07	0.02	Sapelo
4402	475392	3484881	475460	3484811	0.30	1.72	0.46	0.51	0.07	0.03	Sapelo
4403	475416	3484925	475497	3484848	0.44	1.56	0.58	0.66	0.21	0.22	Sapelo
4404	475438	3484969	475531	3484886	0.53	1.77	0.67	0.64	0.15	0.07	Sapelo
4405	475472	3485005	475565	3484933	0.12	2.15	0.36	0.18	-0.46	0.26	Sapelo
4406	475503	3485044	475598	3484969	0.50	1.28	0.64	0.64	0.12	0.05	Sapelo
4407	475537	3485079	475626	3485011	0.48	0.89	0.54	0.62	0.13	0.09	Sapelo
4408	475570	3485116	475650	3485053	0.28	1.73	0.44	0.44	-0.05	0.01	Sapelo
4409	475602	3485154	475668	3485093	0.22	2.04	0.39	0.38	0.05	0.01	Sapelo
4410	475614	3485203	475690	3485126	0.47	2.77	0.62	0.53	0.42	0.37	Sapelo
4411	475638	3485244	475753	3485148	0.19	3.08	0.51	0.26	-0.18	0.06	Sapelo
4412	475680	3485271	475787	3485183	0.18	2.96	0.48	0.25	-0.24	0.09	Sapelo
4413	475720	3485301	475816	3485225	0.15	2.56	0.41	0.24	-0.22	0.10	Sapelo
4414	475757	3485334	475837	3485282	0.04	2.20	0.25	0.16	-0.11	0.07	Sapelo
4415	475794	3485367	475865	3485321	0.08	1.75	0.26	0.22	-0.12	0.08	Sapelo
4416	475815	3485412	475890	3485351	0.12	1.96	0.31	0.24	-0.17	0.10	Sapelo
4417	475841	3485453	475916	3485385	0.16	2.31	0.37	0.26	-0.19	0.08	Sapelo
4418	475888	3485469	475947	3485416	0.18	1.55	0.31	0.35	-0.11	0.05	Sapelo
4419	475925	3485503	475982	3485450	0.14	1.77	0.22	0.23	-0.14	0.08	Sapelo
4420	475967	3485527	476015	3485485	0.12	1.41	0.18	0.25	-0.08	0.05	Sapelo
4421	476002	3485560	476046	3485521	0.10	1.20	0.17	0.26	-0.10	0.08	Sapelo
4422	476027	3485596	476071	3485561	0.06	1.20	0.13	0.17	-0.14	0.16	Sapelo
4423	476027	3485646	476101	3485591	0.17	2.12	0.28	0.25	-0.15	0.07	Sapelo
4424	476060	3485676	476132	3485625	0.17	1.72	0.25	0.27	-0.12	0.07	Sapelo
4425	476097	3485666	476138	3485637	0.15	0.60	0.21	0.53	0.00	0.00	Sapelo
4426	476122	3485708	476167	3485683	0.08	0.71	0.16	0.31	-0.09	0.13	Sapelo
4427	476108	3485755	476187	3485715	0.11	2.04	0.21	0.15	-0.25	0.17	Sapelo
4428	476118	3485804	476211	3485762	0.17	2.42	0.25	0.17	-0.23	0.12	Sapelo
4429	476145	3485846	476232	3485806	0.18	2.15	0.24	0.18	-0.20	0.11	Sapelo
4430	476168	3485890	476243	3485852	0.08	2.14	0.14	0.08	-0.27	0.19	Sapelo
4431	476194	3485932	476264	3485894	0.08	2.11	0.12	0.06	-0.23	0.18	Sapelo
4432	476224	3485967	476286	3485924	0.09	0.62	0.11	0.23	-0.09	0.14	Sapelo
4433	476248	3485950	476282	3485918	0.09	0.64	0.11	0.22	-0.09	0.15	Sapelo
4434	476278	3485990	476315	3485954	0.15	0.64	0.17	0.36	-0.04	0.03	Sapelo
4435	476290	3486038	476355	3485979	0.24	1.66	0.26	0.29	-0.06	0.02	Sapelo
4436	476325	3486074	476391	3486015	0.22	1.71	0.24	0.23	-0.12	0.06	Sapelo
4437	476347	3486118	476420	3486057	0.17	2.12	0.21	0.14	-0.22	0.14	Sapelo
4438	476368	3486163	476452	3486105	0.13	2.66	0.18	0.08	-0.29	0.17	Sapelo
4439	476394	3486206	476482	3486144	0.17	2.95	0.20	0.09	-0.25	0.12	Sapelo
4440	476409	3486254	476509	3486184	0.18	3.51	0.21	0.08	-0.29	0.12	Sapelo
4441	476438	3486293	476540	3486228	0.21	3.44	0.23	0.09	-0.25	0.10	Sapelo
4442	476462	3486337	476569	3486273	0.21	3.42	0.24	0.09	-0.27	0.11	Sapelo
4443	476481	3486381	476592	3486322	0.17	3.68	0.21	0.06	-0.33	0.14	Sapelo
4444	476508	3486422	476614	3486368	0.15	3.52	0.19	0.06	-0.32	0.14	Sapelo
4445	476531	3486466	476637	3486418	0.14	3.41	0.18	0.06	-0.32	0.15	Sapelo
4446	476555	3486510	476660	3486463	0.15	3.27	0.20	0.07	-0.30	0.14	Sapelo
4447	476576	3486556	476684	3486510	0.16	3.26	0.22	0.09	-0.30	0.14	Sapelo
4448	476593	3486602	476703	3486561	0.16	3.37	0.22	0.09	-0.29	0.13	Sapelo
4449	476608	3486649	476722	3486611	0.19	3.45	0.23	0.09	-0.27	0.11	Sapelo
4450	476616	3486698	476740	3486666	0.25	3.81	0.25	0.09	-0.21	0.06	Sapelo
4451	476633	3486745	476756	3486718	0.29	3.75	0.26	0.10	-0.14	0.03	Sapelo
4452	476647	3486792	476781	3486765	0.33	3.77	0.33	0.14	-0.14	0.03	Sapelo
4453	476671	3486836	476777	3486807	0.13	3.41	0.15	0.04	-0.29	0.14	Sapelo
4454	476706	3486872	476789	3486850	-0.03	2.77	0.00	0.00	-0.36	0.27	Sapelo
4455	476742	3486906	476805	3486886	-0.03	2.02	0.01	0.00	-0.28	0.28	Sapelo
4456	476776	3486943	476821	3486925	-0.10	1.38	-0.08	0.09	-0.25	0.43	Sapelo
4457	476790	3486991	476837	3486970	-0.05	1.32	-0.03	0.01	-0.25	0.39	Sapelo
4458	476803	3487039	476856	3487018	0.07	1.50	0.07	0.05	-0.15	0.16	Sapelo
4459	476828	3487081	476886	3487059	0.12	1.21	0.14	0.16	-0.12	0.12	Sapelo
4460	476842	3487128	476902	3487100	0.15	1.33	0.15	0.16	-0.10	0.08	Sapelo
4461	476868	3487170	476915	3487150	0.11	1.04	0.10	0.11	-0.08	0.09	Sapelo
4462	476881	3487218	476934	3487195	0.08	1.32	0.05	0.03	-0.06	0.05	Sapelo
4463	476898	3487264	476953	3487237	0.07	1.42	0.06	0.03	-0.10	0.11	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4464	476919	3487309	476974	3487278	0.09	1.42	0.09	0.08	-0.10	0.10	Sapelo
4465	476943	3487350	476998	3487319	0.08	1.40	0.10	0.11	-0.11	0.10	Sapelo
4466	476971	3487391	477023	3487360	0.07	1.49	0.09	0.08	-0.10	0.09	Sapelo
4467	476998	3487432	477046	3487403	0.12	1.32	0.13	0.18	-0.04	0.02	Sapelo
4468	477027	3487471	477072	3487443	0.12	1.48	0.11	0.12	-0.02	0.01	Sapelo
4469	477058	3487511	477099	3487485	0.05	1.26	0.05	0.05	-0.08	0.09	Sapelo
4470	477085	3487552	477127	3487525	0.00	1.42	0.00	0.00	-0.15	0.21	Sapelo
4471	477100	3487597	477149	3487567	0.04	1.84	0.05	0.02	-0.13	0.11	Sapelo
4472	477126	3487640	477179	3487613	0.09	1.75	0.11	0.09	-0.09	0.06	Sapelo
4473	477134	3487689	477207	3487660	0.14	2.20	0.18	0.15	-0.11	0.05	Sapelo
4474	477142	3487737	477225	3487711	0.26	2.47	0.27	0.26	0.05	0.01	Sapelo
4475	477159	3487784	477235	3487766	0.29	2.25	0.27	0.29	0.15	0.13	Sapelo
4476	477193	3487815	477242	3487802	0.20	1.18	0.18	0.42	0.16	0.43	Sapelo
4477	477225	3487852	477249	3487844	0.11	0.15	0.10	0.92	0.09	0.93	Sapelo
4478	477238	3487900	477269	3487888	0.11	0.30	0.11	0.77	0.12	0.85	Sapelo
4479	477261	3487944	477292	3487929	0.05	0.33	0.05	0.30	0.09	0.64	Sapelo
4480	477280	3487990	477316	3487970	0.02	0.46	0.03	0.10	0.03	0.12	Sapelo
4481	477300	3488036	477338	3488014	0.04	0.41	0.05	0.32	0.05	0.30	Sapelo
4482	477327	3488078	477361	3488059	0.02	0.22	0.03	0.35	0.01	0.02	Sapelo
4483	477353	3488121	477386	3488101	0.02	0.19	0.03	0.34	0.02	0.16	Sapelo
4484	477378	3488164	477412	3488141	-0.01	0.32	0.01	0.02	-0.03	0.18	Sapelo
4485	477409	3488202	477436	3488179	-0.08	0.25	-0.06	0.60	-0.07	0.70	Sapelo
4486	477435	3488244	477464	3488216	-0.13	0.24	-0.14	0.72	-0.07	0.49	Sapelo
4487	477481	3488264	477494	3488247	-0.03	0.25	-0.01	0.03	0.01	0.02	Sapelo
4488	477503	3488308	477526	3488263	-0.02	0.88	0.05	0.04	0.00	0.00	Sapelo
4489	477516	3488354	477541	3488273	-0.06	2.07	0.11	0.04	-0.06	0.03	Sapelo
4490	477563	3488360	477574	3488280	-0.06	1.88	0.10	0.04	-0.05	0.03	Sapelo
4491	477588	3488396	477589	3488279	-0.11	2.89	0.13	0.03	-0.08	0.03	Sapelo
4492	477633	3488415	477621	3488265	-0.07	3.98	0.23	0.06	-0.20	0.06	Sapelo
4493	477668	3488420	477648	3488262	-0.03	4.21	0.29	0.08	-0.26	0.08	Sapelo
4494	477691	3488403	477664	3488262	-0.18	4.17	0.12	0.01	-0.32	0.12	Sapelo
4495	477729	3488378	477705	3488257	-0.27	3.82	-0.10	0.02	-0.22	0.09	Sapelo
4496	477777	3488383	477743	3488246	-0.19	4.20	0.05	0.00	-0.13	0.02	Sapelo
4497	477787	3488427	477732	3488250	-0.21	4.16	0.01	0.00	-0.16	0.04	Sapelo
4498	477826	3488454	477750	3488244	-0.09	5.13	0.31	0.05	-0.05	0.00	Sapelo
4499	477872	3488450	477788	3488232	0.14	5.08	0.55	0.14	0.24	0.06	Sapelo
4500	477919	3488443	477821	3488218	0.29	5.08	0.71	0.21	0.40	0.14	Sapelo
4501	477958	3488465	477828	3488215	0.25	6.16	0.79	0.18	0.28	0.06	Sapelo
4502	477984	3488425	477853	3488202	0.16	5.75	0.67	0.16	0.14	0.02	Sapelo
4503	478023	3488410	477868	3488192	0.11	5.51	0.60	0.14	0.10	0.01	Sapelo
4504	477996	3488368	477869	3488191	0.11	2.81	0.26	0.14	0.17	0.09	Sapelo
4505	477964	3488332	477866	3488193	0.12	3.66	0.42	0.16	0.15	0.04	Sapelo
4506	477941	3488294	477868	3488192	0.11	2.84	0.27	0.14	0.18	0.09	Sapelo
4507	477957	3488255	477898	3488171	0.05	2.58	0.20	0.10	0.08	0.03	Sapelo
4508	477982	3488212	477936	3488145	-0.04	2.32	0.06	0.02	-0.03	0.00	Sapelo
4509	478019	3488195	477968	3488123	-0.05	1.67	0.07	0.02	0.09	0.07	Sapelo
4510	478064	3488205	477993	3488106	-0.15	3.26	0.05	0.00	-0.25	0.12	Sapelo
4511	478103	3488186	478026	3488081	-0.30	4.15	-0.17	0.04	-0.46	0.25	Sapelo
4512	478094	3488138	478042	3488069	-0.36	1.03	-0.32	0.36	-0.07	0.05	Sapelo
4513	478140	3488120	478079	3488040	-0.52	1.83	-0.41	0.33	-0.22	0.22	Sapelo
4514	478163	3488079	478119	3488010	-0.44	1.24	-0.37	0.44	-0.20	0.30	Sapelo
4515	478211	3488069	478169	3487973	-0.58	2.88	-0.39	0.20	-0.31	0.26	Sapelo
4516	478237	3488034	478211	3487951	-0.47	1.36	-0.39	0.43	-0.24	0.37	Sapelo
4517	478286	3488036	478267	3487933	-0.55	2.63	-0.35	0.23	-0.60	0.56	Sapelo
4518	478332	3488053	478334	3487929	-0.69	1.86	-0.49	0.35	-1.20	0.76	Sapelo
4519	478369	3488055	478380	3487924	-0.58	2.15	-0.43	0.35	-1.01	0.71	Sapelo
4520	478405	3488032	478407	3487922	-0.50	2.24	-0.28	0.15	-0.94	0.66	Sapelo
4521	478445	3488050	478442	3487938	-0.40	2.16	-0.20	0.08	-0.88	0.62	Sapelo
4522	478485	3488055	478484	3487932	-0.45	1.92	-0.24	0.09	-1.07	0.66	Sapelo
4523	478525	3488077	478545	3487923	-0.12	3.50	0.17	0.03	-0.94	0.40	Sapelo
4524	478557	3488040	478584	3487929	-0.17	2.14	-0.03	0.00	-0.41	0.39	Sapelo
4525	478604	3488032	478635	3487957	-0.17	1.00	-0.07	0.04	-0.42	0.60	Sapelo
4526	478645	3488043	478669	3488000	-0.07	1.11	0.02	0.00	-0.25	0.40	Sapelo
4527	478680	3488061	478702	3488020	-0.03	1.09	0.06	0.05	-0.13	0.22	Sapelo
4528	478706	3488100	478726	3488029	0.16	1.49	0.26	0.35	-0.04	0.01	Sapelo
4529	478747	3488097	478758	3488031	0.19	0.84	0.26	0.47	-0.03	0.01	Sapelo
4530	478766	3488136	478780	3488031	0.05	2.36	0.25	0.11	-0.49	0.29	Sapelo
4531	478804	3488106	478811	3488031	0.08	1.15	0.13	0.09	-0.27	0.28	Sapelo
4532	478840	3488088	478852	3488033	0.01	0.94	0.11	0.08	-0.29	0.38	Sapelo
4533	478878	3488097	478905	3488026	-0.11	1.89	-0.02	0.00	-0.24	0.26	Sapelo
4534	478913	3488106	478944	3488041	-0.09	2.11	0.05	0.01	-0.24	0.21	Sapelo
4535	478929	3488143	478965	3488062	-0.05	1.87	0.04	0.01	-0.21	0.21	Sapelo
4536	478962	3488152	478998	3488087	0.03	1.89	0.18	0.14	-0.17	0.12	Sapelo
4537	479001	3488143	479018	3488092	0.01	1.08	0.11	0.12	-0.16	0.22	Sapelo
4538	479039	3488150	479050	3488088	-0.03	1.29	0.10	0.06	-0.31	0.37	Sapelo
4539	479076	3488144	479073	3488099	-0.10	0.74	-0.03	0.02	-0.22	0.54	Sapelo
4540	479115	3488167	479086	3488092	-0.37	2.08	-0.19	0.11	-0.63	0.59	Sapelo
4541	479154	3488153	479115	3488074	-0.53	1.55	-0.37	0.42	-0.75	0.78	Sapelo
4542	479198	3488132	479131	3488023	-0.33	2.93	-0.15	0.03	-0.05	0.01	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4543	479239	3488105	479173	3488017	-0.35	2.21	-0.24	0.13	-0.10	0.04	Sapelo
4544	479282	3488079	479244	3488035	-0.32	1.11	-0.24	0.37	-0.22	0.53	Sapelo
4545	479326	3488055	479295	3488009	-0.28	1.42	-0.17	0.19	-0.30	0.53	Sapelo
4546	479363	3488035	479309	3487977	-0.47	0.96	-0.41	0.69	-0.40	0.81	Sapelo
4547	479389	3487994	479334	3487950	-0.35	0.66	-0.32	0.61	-0.18	0.45	Sapelo
4548	479421	3487956	479369	3487929	-0.33	0.57	-0.30	0.72	-0.24	0.77	Sapelo
4549	479444	3487912	479388	3487896	-0.32	0.75	-0.26	0.61	-0.27	0.78	Sapelo
4550	479450	3487863	479397	3487864	-0.28	0.19	-0.29	0.87	-0.19	0.77	Sapelo
4551	479422	3487823	479385	3487836	-0.12	0.50	-0.10	0.29	-0.04	0.09	Sapelo
4552	479389	3487786	479354	3487807	-0.19	0.60	-0.15	0.47	-0.15	0.69	Sapelo
4553	479355	3487749	479327	3487775	-0.19	0.55	-0.16	0.49	-0.12	0.53	Sapelo
4554	479317	3487716	479289	3487747	-0.20	0.61	-0.16	0.41	-0.11	0.38	Sapelo
4555	479279	3487684	479255	3487715	-0.20	0.60	-0.16	0.45	-0.12	0.51	Sapelo
4556	479240	3487652	479219	3487688	-0.22	0.63	-0.18	0.55	-0.17	0.70	Sapelo
4557	479198	3487625	479180	3487658	-0.18	0.49	-0.14	0.60	-0.19	0.86	Sapelo
4558	479158	3487596	479120	3487640	-0.34	0.53	-0.31	0.88	-0.37	0.95	Sapelo
4559	479111	3487581	479073	3487611	-0.35	1.08	-0.24	0.33	-0.19	0.48	Sapelo
4562	479108	3487440	479076	3487431	-0.09	0.44	-0.10	0.40	-0.01	0.01	Sapelo
4563	479128	3487394	479088	3487381	-0.15	0.44	-0.18	0.67	-0.07	0.33	Sapelo
4564	479151	3487350	479108	3487331	-0.18	0.36	-0.21	0.64	-0.05	0.11	Sapelo
4565	479173	3487305	479128	3487283	-0.18	0.38	-0.22	0.59	-0.02	0.01	Sapelo
4566	479192	3487259	479152	3487239	-0.15	0.36	-0.18	0.56	-0.01	0.00	Sapelo
4567	479212	3487213	479181	3487197	-0.10	0.28	-0.13	0.44	0.02	0.03	Sapelo
4568	479232	3487167	479203	3487155	-0.08	0.32	-0.10	0.40	0.02	0.02	Sapelo
4569	479244	3487119	479218	3487109	-0.07	0.33	-0.09	0.58	-0.04	0.31	Sapelo
4570	479255	3487070	479233	3487063	-0.03	0.30	-0.05	0.33	0.00	0.00	Sapelo
4571	479264	3487021	479247	3487016	0.00	0.22	-0.01	0.05	-0.02	0.26	Sapelo
4572	479275	3486972	479260	3486968	0.02	0.17	0.01	0.02	0.03	0.43	Sapelo
4573	479289	3486924	479272	3486919	0.05	0.11	0.05	0.80	0.06	0.86	Sapelo
4574	479304	3486876	479286	3486871	0.06	0.22	0.05	0.50	0.05	0.74	Sapelo
4575	479319	3486829	479303	3486824	0.04	0.16	0.03	0.30	0.05	0.76	Sapelo
4576	479336	3486782	479317	3486775	0.03	0.28	0.00	0.00	0.06	0.50	Sapelo
4577	479354	3486736	479335	3486728	0.00	0.32	-0.03	0.10	0.02	0.11	Sapelo
4578	479382	3486694	479356	3486682	-0.07	0.24	-0.09	0.59	-0.02	0.06	Sapelo
4579	479409	3486653	479379	3486635	-0.13	0.20	-0.15	0.75	-0.06	0.33	Sapelo
4580	479437	3486611	479406	3486588	-0.19	0.31	-0.20	0.84	-0.13	0.76	Sapelo
4581	479464	3486569	479432	3486541	-0.22	0.25	-0.23	0.95	-0.20	0.96	Sapelo
4582	479498	3486534	479467	3486499	-0.25	0.26	-0.25	0.96	-0.23	0.97	Sapelo
4583	479539	3486505	479511	3486467	-0.25	0.34	-0.26	0.85	-0.17	0.78	Sapelo
4584	479579	3486475	479555	3486435	-0.22	0.32	-0.24	0.74	-0.11	0.44	Sapelo
4585	479619	3486445	479600	3486408	-0.19	0.34	-0.19	0.69	-0.10	0.47	Sapelo
4586	479660	3486416	479645	3486388	-0.08	0.37	-0.08	0.33	0.01	0.00	Sapelo
4587	479702	3486389	479691	3486371	0.01	0.33	0.01	0.01	0.04	0.31	Sapelo
4588	479751	3486379	479732	3486355	0.13	0.36	0.14	0.77	0.15	0.83	Sapelo
4589	479800	3486369	479752	3486335	0.31	0.31	0.32	0.94	0.35	0.97	Sapelo
4590	479821	3486334	479764	3486321	0.33	0.33	0.34	0.93	0.38	0.97	Sapelo
4591	479810	3486286	479771	3486291	0.07	0.81	0.10	0.26	0.10	0.38	Sapelo
4592	479785	3486244	479747	3486260	-0.18	0.69	-0.16	0.47	-0.10	0.34	Sapelo
4593	479762	3486200	479719	3486231	-0.28	0.60	-0.27	0.74	-0.18	0.60	Sapelo
4594	479727	3486164	479688	3486197	-0.27	0.51	-0.27	0.81	-0.18	0.66	Sapelo
4595	479690	3486130	479656	3486157	-0.20	0.38	-0.21	0.80	-0.11	0.49	Sapelo
4596	479656	3486094	479625	3486114	-0.18	0.22	-0.19	0.89	-0.13	0.75	Sapelo
4597	479620	3486058	479595	3486073	-0.11	0.32	-0.11	0.76	-0.08	0.58	Sapelo
4598	479590	3486020	479572	3486028	-0.02	0.38	-0.02	0.08	0.00	0.00	Sapelo
4599	479573	3485973	479555	3485980	-0.04	0.15	-0.04	0.42	0.00	0.01	Sapelo
4600	479557	3485926	479539	3485933	0.01	0.21	0.01	0.01	0.07	0.50	Sapelo
4601	479552	3485876	479527	3485888	0.10	0.30	0.09	0.57	0.16	0.78	Sapelo
4602	479543	3485827	479510	3485852	0.17	0.49	0.20	0.74	0.20	0.86	Sapelo
4603	479509	3485793	479487	3485818	0.04	0.59	0.08	0.27	0.00	0.00	Sapelo
4604	479462	3485775	479446	3485798	-0.05	0.66	-0.03	0.05	-0.10	0.47	Sapelo
4605	479415	3485758	479404	3485782	-0.05	0.60	-0.03	0.06	-0.06	0.33	Sapelo
4606	479371	3485736	479357	3485761	0.04	0.62	0.05	0.16	0.06	0.25	Sapelo
4607	479332	3485705	479311	3485740	0.14	0.52	0.17	0.66	0.09	0.51	Sapelo
4608	479296	3485671	479265	3485722	-0.14	0.66	-0.09	0.09	-0.16	0.65	Sapelo
4609	479250	3485652	479230	3485682	-0.17	0.48	-0.13	0.54	-0.23	0.81	Sapelo
4610	479214	3485619	479175	3485662	-0.25	1.00	-0.27	0.65	-0.15	0.34	Sapelo
4611	479170	3485594	479135	3485631	-0.12	0.69	-0.12	0.17	0.10	0.14	Sapelo
4612	479130	3485567	479105	3485592	0.01	0.60	0.02	0.01	0.19	0.46	Sapelo
4613	479105	3485523	479088	3485541	0.08	0.40	0.07	0.50	0.10	0.65	Sapelo
4614	479081	3485480	479068	3485498	-0.06	0.39	-0.04	0.18	-0.09	0.63	Sapelo
4615	479051	3485441	479025	3485488	-0.30	0.64	-0.28	0.84	-0.28	0.88	Sapelo
4616	479006	3485421	478970	3485479	-0.39	0.55	-0.36	0.89	-0.45	0.95	Sapelo
4617	478968	3485390	478909	3485448	-0.50	0.67	-0.44	0.82	-0.63	0.93	Sapelo
4618	478939	3485348	478878	3485384	-0.41	0.39	-0.40	0.97	-0.43	0.98	Sapelo
4619	478920	3485302	478862	3485317	-0.34	0.57	-0.33	0.85	-0.26	0.83	Sapelo
4620	478902	3485256	478864	3485264	-0.14	0.41	-0.15	0.57	-0.04	0.08	Sapelo
4621	478881	3485211	478865	3485219	0.01	0.22	0.00	0.00	0.04	0.37	Sapelo
4623	478838	3485132	478835	3485167	0.09	0.61	0.13	0.17	0.04	0.08	Sapelo
4624	478797	3485160	478812	3485191	-0.13	0.64	-0.10	0.11	-0.20	0.70	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4625	478762	3485196	478790	3485224	-0.25	0.76	-0.21	0.27	-0.31	0.82	Sapelo
4626	478725	3485230	478763	3485273	-0.42	1.17	-0.39	0.34	-0.59	0.84	Sapelo
4627	478682	3485248	478708	3485330	-0.40	0.47	-0.38	0.81	-0.44	0.76	Sapelo
4628	478634	3485260	478627	3485322	-0.76	0.55	-0.71	0.94	-0.66	0.97	Sapelo
4629	478588	3485279	478570	3485310	-0.33	0.32	-0.32	0.86	-0.35	0.96	Sapelo
4630	478561	3485243	478546	3485255	-0.12	0.24	-0.10	0.50	-0.12	0.89	Sapelo
4631	478547	3485195	478522	3485211	-0.15	0.52	-0.14	0.26	-0.24	0.80	Sapelo
4632	478513	3485161	478491	3485175	-0.47	0.00	-0.47	0.00	-0.47	0.00	Sapelo
4633	478491	3485119	478468	3485134	-0.26	0.37	-0.23	0.69	-0.27	0.94	Sapelo
4634	478468	3485075	478441	3485090	-0.29	0.53	-0.24	0.58	-0.29	0.91	Sapelo
4635	478442	3485032	478416	3485046	-0.28	0.44	-0.25	0.65	-0.30	0.94	Sapelo
4636	478417	3484989	478393	3484992	-0.19	0.48	-0.13	0.43	-0.13	0.70	Sapelo
4637	478400	3484942	478368	3484936	NA	NA	NA	0.00	NA	0.00	Sapelo
4638	478427	3484907	478384	3484882	0.32	0.25	0.35	0.95	0.36	0.94	Sapelo
4639	478476	3484901	478441	3484859	0.31	0.26	0.33	0.83	0.18	0.62	Sapelo
4640	478524	3484887	478504	3484829	0.38	0.29	0.39	0.83	0.22	0.66	Sapelo
4641	478571	3484870	478553	3484815	0.32	0.32	0.34	0.77	0.16	0.48	Sapelo
4642	478617	3484850	478599	3484804	0.26	0.29	0.28	0.72	0.11	0.31	Sapelo
4643	478661	3484827	478641	3484791	0.14	0.31	0.16	0.47	-0.01	0.00	Sapelo
4644	478699	3484795	478681	3484776	0.01	0.25	0.02	0.03	-0.10	0.43	Sapelo
4645	478727	3484753	478710	3484741	-0.04	0.17	-0.03	0.19	-0.10	0.69	Sapelo
4646	478754	3484712	478723	3484690	-0.22	0.25	-0.20	0.87	-0.27	0.93	Sapelo
4647	478782	3484670	478745	3484641	-0.27	0.18	-0.26	0.97	-0.28	0.98	Sapelo
4648	478813	3484631	478779	3484597	-0.29	0.20	-0.28	0.98	-0.28	0.98	Sapelo
4649	478859	3484614	478830	3484569	-0.31	0.24	-0.32	0.93	-0.25	0.93	Sapelo
4650	478908	3484605	478884	3484550	-0.35	0.35	-0.36	0.86	-0.24	0.80	Sapelo
4651	478953	3484585	478931	3484534	-0.34	0.40	-0.33	0.87	-0.25	0.86	Sapelo
4652	478994	3484557	478979	3484516	-0.25	0.43	-0.25	0.87	-0.22	0.89	Sapelo
4653	479032	3484524	479023	3484495	-0.15	0.31	-0.15	0.85	-0.16	0.89	Sapelo
4654	479077	3484502	479068	3484469	-0.18	0.34	-0.18	0.88	-0.19	0.91	Sapelo
4655	479123	3484485	479115	3484450	-0.19	0.29	-0.19	0.92	-0.20	0.94	Sapelo
4656	479173	3484483	479166	3484439	-0.25	0.21	-0.27	0.96	-0.23	0.97	Sapelo
4657	479223	3484485	479210	3484433	-0.30	0.36	-0.32	0.93	-0.27	0.96	Sapelo
4658	479273	3484483	479256	3484437	-0.26	0.36	-0.29	0.91	-0.23	0.93	Sapelo
4659	479315	3484460	479297	3484424	-0.22	0.18	-0.23	0.96	-0.24	0.98	Sapelo
4660	479353	3484428	479334	3484396	-0.20	0.23	-0.20	0.95	-0.21	0.97	Sapelo
4661	479391	3484394	479368	3484367	-0.19	0.29	-0.19	0.91	-0.17	0.93	Sapelo
4662	479426	3484359	479404	3484335	-0.12	0.20	-0.14	0.65	-0.04	0.15	Sapelo
4663	479461	3484323	479436	3484297	-0.17	0.23	-0.18	0.76	-0.09	0.53	Sapelo
4664	479496	3484288	479470	3484262	-0.17	0.26	-0.18	0.67	-0.07	0.27	Sapelo
4665	479528	3484249	479501	3484223	-0.18	0.25	-0.19	0.76	-0.09	0.53	Sapelo
4666	479561	3484211	479537	3484190	-0.13	0.23	-0.14	0.60	-0.04	0.12	Sapelo
4667	479593	3484174	479571	3484153	-0.12	0.20	-0.13	0.59	-0.03	0.11	Sapelo
4668	479627	3484137	479603	3484116	-0.16	0.19	-0.16	0.80	-0.10	0.69	Sapelo
4669	479662	3484101	479639	3484081	-0.13	0.18	-0.13	0.65	-0.06	0.33	Sapelo
4670	479696	3484064	479671	3484040	-0.13	0.24	-0.15	0.65	-0.04	0.10	Sapelo
4671	479730	3484028	479706	3484002	-0.15	0.29	-0.17	0.80	-0.10	0.74	Sapelo
4672	479765	3483992	479746	3483970	-0.10	0.22	-0.12	0.82	-0.10	0.88	Sapelo
4673	479803	3483959	479784	3483937	-0.10	0.30	-0.12	0.72	-0.10	0.83	Sapelo
4674	479839	3483924	479821	3483905	-0.02	0.40	-0.05	0.18	0.03	0.11	Sapelo
4675	479872	3483888	479855	3483869	-0.05	0.35	-0.07	0.39	-0.02	0.06	Sapelo
4676	479909	3483853	479892	3483836	-0.03	0.25	-0.05	0.18	0.06	0.27	Sapelo
4677	479948	3483822	479924	3483799	-0.09	0.34	-0.11	0.41	0.01	0.02	Sapelo
4678	479986	3483790	479959	3483763	-0.11	0.38	-0.14	0.39	0.03	0.03	Sapelo
4679	480023	3483757	479996	3483728	-0.13	0.42	-0.15	0.40	0.02	0.01	Sapelo
4680	480062	3483725	480032	3483694	-0.20	0.45	-0.21	0.60	-0.07	0.20	Sapelo
4681	480100	3483693	480069	3483661	-0.21	0.43	-0.22	0.62	-0.08	0.24	Sapelo
4682	480136	3483658	480104	3483626	-0.22	0.43	-0.22	0.64	-0.09	0.33	Sapelo
4683	480169	3483621	480137	3483591	-0.17	0.39	-0.19	0.49	-0.02	0.01	Sapelo
4684	480202	3483583	480171	3483558	-0.15	0.33	-0.16	0.47	-0.01	0.00	Sapelo
4685	480233	3483544	480200	3483521	-0.13	0.37	-0.15	0.39	0.02	0.02	Sapelo
4686	480258	3483501	480224	3483486	-0.10	0.38	-0.12	0.31	0.04	0.06	Sapelo
4687	480270	3483453	480244	3483447	0.00	0.32	0.00	0.00	0.09	0.45	Sapelo
4688	480293	3483409	480250	3483410	0.23	0.41	0.25	0.89	0.23	0.90	Sapelo
4689	480312	3483362	480240	3483387	0.47	0.63	0.50	0.93	0.41	0.90	Sapelo
4690	480326	3483315	480239	3483382	0.73	0.74	0.78	0.94	0.78	0.96	Sapelo
4691	480304	3483271	480226	3483369	0.80	1.12	0.91	0.89	0.82	0.93	Sapelo
4692	480266	3483240	480210	3483364	0.85	1.22	0.97	0.89	0.82	0.91	Sapelo
4693	480217	3483234	480192	3483359	0.80	1.02	0.91	0.91	0.73	0.91	Sapelo
4694	480167	3483236	480164	3483356	0.78	0.82	0.86	0.93	0.69	0.93	Sapelo
4695	480118	3483246	480129	3483363	0.77	0.61	0.84	0.95	0.65	0.93	Sapelo
4696	480070	3483259	480091	3483370	0.67	0.70	0.75	0.90	0.50	0.84	Sapelo
4697	480027	3483284	480050	3483381	0.60	0.55	0.65	0.89	0.43	0.82	Sapelo
4698	479983	3483308	480002	3483393	0.48	0.58	0.54	0.82	0.28	0.59	Sapelo
4699	479938	3483329	479952	3483407	0.42	0.50	0.48	0.82	0.24	0.60	Sapelo
4700	479890	3483344	479900	3483418	0.34	0.64	0.40	0.72	0.15	0.35	Sapelo
4701	479841	3483353	479847	3483422	0.29	0.66	0.36	0.73	0.16	0.45	Sapelo
4702	479792	3483362	479793	3483425	0.25	0.68	0.32	0.72	0.18	0.58	Sapelo
4703	479742	3483371	479745	3483425	0.14	0.76	0.22	0.48	0.05	0.08	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4704	479693	3483380	479698	3483424	0.10	0.64	0.17	0.45	0.06	0.17	Sapelo
4705	479644	3483385	479650	3483423	0.06	0.64	0.12	0.31	0.04	0.11	Sapelo
4706	479597	3483402	479604	3483439	-0.13	0.57	-0.07	0.15	-0.19	0.70	Sapelo
4707	479548	3483399	479561	3483456	-0.36	0.52	-0.31	0.81	-0.40	0.93	Sapelo
4708	479499	3483389	479515	3483459	-0.45	0.65	-0.39	0.85	-0.47	0.95	Sapelo
4709	479450	3483379	479464	3483468	-0.59	0.64	-0.54	0.92	-0.62	0.97	Sapelo
4710	479404	3483360	479398	3483478	-0.80	0.59	-0.77	0.97	-0.80	0.99	Sapelo
4711	479363	3483331	479370	3483479	-1.00	0.50	-0.99	0.98	-0.92	0.99	Sapelo
4712	479325	3483299	479210	3483428	-1.20	0.27	-1.22	1.00	-1.18	1.00	Sapelo
4713	479293	3483261	479120	3483319	-1.27	0.57	-1.30	0.94	-0.97	0.91	Sapelo
4714	479265	3483219	479105	3483264	-1.15	0.43	-1.16	0.96	-0.93	0.95	Sapelo
4715	479241	3483176	479094	3483186	-1.02	0.39	-1.02	0.96	-0.86	0.97	Sapelo
4716	479224	3483129	479093	3483126	-0.88	0.38	-0.89	0.94	-0.70	0.94	Sapelo
4717	479209	3483081	479094	3483077	-0.77	0.36	-0.76	0.94	-0.61	0.94	Sapelo
4718	479190	3483035	479102	3483036	-0.57	0.32	-0.56	0.93	-0.45	0.93	Sapelo
4719	479165	3482992	479102	3482995	-0.38	0.15	-0.38	0.96	-0.32	0.96	Sapelo
4720	479138	3482950	479101	3482957	-0.21	0.10	-0.21	0.98	-0.19	0.98	Sapelo
4721	479110	3482908	479096	3482912	-0.01	0.10	-0.02	0.30	0.00	0.00	Sapelo
4722	479099	3482859	479070	3482869	0.11	0.18	0.12	0.70	0.05	0.34	Sapelo
4723	479091	3482811	479067	3482820	0.07	0.27	0.10	0.59	0.11	0.83	Sapelo
4724	479079	3482764	479057	3482774	-0.04	0.37	-0.03	0.05	0.03	0.12	Sapelo
4725	479070	3482715	479042	3482730	0.08	0.50	0.08	0.23	0.19	0.66	Sapelo
4726	479061	3482666	479026	3482691	0.25	0.50	0.25	0.72	0.37	0.87	Sapelo
4727	479035	3482626	478994	3482665	0.31	0.52	0.31	0.86	0.39	0.91	Sapelo
4728	479007	3482587	478961	3482640	0.44	0.45	0.42	0.86	0.59	0.92	Sapelo
4729	478965	3482560	478920	3482612	0.43	0.30	0.42	0.94	0.53	0.96	Sapelo
4730	478922	3482537	478878	3482581	0.37	0.22	0.39	0.98	0.35	0.99	Sapelo
4731	478886	3482503	478843	3482539	0.28	0.38	0.32	0.84	0.18	0.69	Sapelo
4732	478854	3482465	478808	3482497	0.30	0.32	0.33	0.90	0.23	0.86	Sapelo
4733	478824	3482425	478783	3482453	0.22	0.45	0.26	0.81	0.18	0.83	Sapelo
4734	478790	3482389	478758	3482410	0.14	0.46	0.17	0.71	0.16	0.83	Sapelo
4735	478756	3482352	478733	3482368	0.07	0.36	0.10	0.51	0.09	0.68	Sapelo
4736	478725	3482314	478703	3482332	0.01	0.50	0.04	0.07	0.08	0.38	Sapelo
4737	478691	3482277	478675	3482292	-0.07	0.29	-0.05	0.24	-0.03	0.17	Sapelo
4738	478671	3482231	478640	3482263	-0.25	0.50	-0.23	0.75	-0.20	0.82	Sapelo
4739	478647	3482188	478613	3482228	-0.29	0.50	-0.29	0.75	-0.17	0.57	Sapelo
4740	478618	3482147	478579	3482197	-0.31	0.71	-0.30	0.60	-0.11	0.20	Sapelo
4741	478577	3482119	478541	3482168	-0.37	0.60	-0.36	0.79	-0.23	0.65	Sapelo
4742	478535	3482091	478501	3482146	-0.41	0.54	-0.40	0.86	-0.29	0.79	Sapelo
4743	478496	3482061	478457	3482120	-0.45	0.45	-0.45	0.90	-0.34	0.86	Sapelo
4744	478464	3482022	478412	3482092	-0.52	0.83	-0.52	0.75	-0.28	0.50	Sapelo
4745	478433	3481983	478370	3482054	-0.59	0.78	-0.59	0.76	-0.32	0.53	Sapelo
4746	478407	3481940	478330	3482015	-0.71	0.76	-0.70	0.83	-0.45	0.73	Sapelo
4747	478388	3481894	478283	3481957	-0.83	1.04	-0.83	0.85	-0.55	0.74	Sapelo
4748	478376	3481846	478246	3481907	-0.98	0.91	-0.98	0.91	-0.72	0.86	Sapelo
4749	478371	3481796	478212	3481847	-1.15	0.95	-1.15	0.93	-0.90	0.90	Sapelo
4750	478367	3481746	478203	3481784	-1.18	0.90	-1.21	0.92	-0.88	0.87	Sapelo
4751	478368	3481696	478188	3481711	-1.25	0.74	-1.30	0.94	-0.96	0.90	Sapelo
4752	478373	3481646	478187	3481659	-1.30	0.66	-1.35	0.94	-1.00	0.91	Sapelo
4753	478382	3481597	478187	3481589	-1.36	0.52	-1.39	0.96	-1.12	0.96	Sapelo
4754	478393	3481548	478190	3481525	-1.42	0.63	-1.46	0.94	-1.10	0.91	Sapelo
4755	478406	3481500	478212	3481438	-1.42	0.73	-1.48	0.92	-1.05	0.88	Sapelo
4756	478427	3481455	478241	3481363	-1.46	0.75	-1.51	0.92	-1.07	0.88	Sapelo
4757	478448	3481410	478274	3481305	-1.42	0.61	-1.48	0.97	-1.21	0.96	Sapelo
4758	478470	3481365	478322	3481258	-1.27	0.67	-1.34	0.96	-1.04	0.94	Sapelo
4759	478496	3481322	478366	3481200	-1.22	0.61	-1.29	0.96	-1.03	0.95	Sapelo
4760	478533	3481289	478408	3481150	-1.30	0.55	-1.34	0.97	-1.12	0.97	Sapelo
4761	478571	3481257	478460	3481111	-1.28	0.48	-1.31	0.97	-1.11	0.98	Sapelo
4762	478607	3481222	478515	3481080	-1.17	0.36	-1.20	0.98	-1.02	0.98	Sapelo
4763	478637	3481182	478577	3481060	-0.91	0.43	-0.95	0.98	-0.81	0.98	Sapelo
4764	478652	3481135	478600	3481043	-0.69	0.23	-0.70	0.99	-0.73	0.99	Sapelo
4765	478661	3481086	478613	3481036	-0.42	0.37	-0.43	0.85	-0.57	0.93	Sapelo
4766	478687	3481045	478654	3481022	-0.04	0.48	-0.05	0.04	-0.23	0.57	Sapelo
4767	478716	3481004	478664	3480979	0.32	0.45	0.31	0.65	0.14	0.36	Sapelo
4768	478757	3480977	478667	3480957	0.55	0.27	0.53	0.97	0.50	0.98	Sapelo
4769	478800	3480952	478670	3480938	0.87	0.74	0.80	0.91	1.06	0.95	Sapelo
4770	478830	3480912	478674	3480900	1.07	1.23	1.00	0.82	1.47	0.91	Sapelo
4771	478843	3480864	478677	3480865	1.14	1.61	1.10	0.76	1.68	0.88	Sapelo
4772	478831	3480816	478680	3480836	1.04	1.99	1.03	0.70	1.60	0.86	Sapelo
4773	478810	3480771	478676	3480806	0.89	2.42	0.92	0.61	1.45	0.82	Sapelo
4774	478785	3480727	478662	3480778	0.71	2.75	0.77	0.47	1.30	0.76	Sapelo
4775	478760	3480684	478644	3480746	0.54	2.95	0.62	0.33	1.16	0.70	Sapelo
4776	478734	3480642	478622	3480712	0.42	2.93	0.47	0.20	1.12	0.65	Sapelo
4777	478708	3480599	478598	3480668	0.30	2.76	0.32	0.10	1.06	0.60	Sapelo
4778	478682	3480556	478569	3480625	0.28	2.52	0.25	0.07	1.06	0.59	Sapelo
4779	478655	3480515	478538	3480575	0.31	2.32	0.24	0.07	1.05	0.60	Sapelo
4780	478625	3480475	478514	3480534	0.40	2.15	0.31	0.14	1.07	0.65	Sapelo
4781	478599	3480435	478491	3480496	0.50	1.12	0.46	0.45	0.83	0.77	Sapelo
4782	478561	3480403	478487	3480448	0.56	1.39	0.47	0.62	0.81	0.81	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4783	478520	3480374	478456	3480417	0.49	1.23	0.42	0.70	0.58	0.82	Sapelo
4784	478485	3480341	478431	3480389	0.39	1.13	0.34	0.61	0.32	0.68	Sapelo
4785	478462	3480297	478401	3480351	0.26	1.28	0.23	0.28	0.08	0.07	Sapelo
4786	478434	3480255	478353	3480325	0.27	1.43	0.23	0.17	-0.05	0.02	Sapelo
4787	478409	3480212	478335	3480277	0.24	1.66	0.19	0.09	-0.14	0.09	Sapelo
4788	478386	3480168	478306	3480240	0.20	1.65	0.15	0.05	-0.30	0.24	Sapelo
4789	478357	3480127	478274	3480202	0.05	1.62	0.03	0.00	-0.59	0.45	Sapelo
4790	478324	3480089	478245	3480168	0.01	1.61	0.01	0.00	-0.68	0.49	Sapelo
4791	478287	3480056	478210	3480136	-0.03	1.49	-0.02	0.00	-0.77	0.52	Sapelo
4792	478244	3480030	478179	3480111	-0.09	1.28	-0.06	0.01	-0.76	0.56	Sapelo
4793	478198	3480011	478150	3480082	-0.09	1.00	-0.07	0.02	-0.59	0.59	Sapelo
4794	478151	3479995	478113	3480053	-0.04	0.99	0.00	0.00	-0.41	0.54	Sapelo
4795	478104	3479979	478064	3480037	-0.18	1.43	-0.11	0.07	-0.40	0.64	Sapelo
4796	478073	3479940	478023	3480010	-0.23	2.73	-0.12	0.04	-0.22	0.21	Sapelo
4797	478044	3479904	477981	3479976	-0.37	2.88	-0.23	0.13	-0.26	0.25	Sapelo
4798	478049	3479855	477954	3479946	-0.39	2.60	-0.28	0.22	-0.22	0.21	Sapelo
4799	478053	3479805	477922	3479920	-0.50	2.73	-0.38	0.31	-0.33	0.35	Sapelo
4800	478061	3479756	477893	3479881	-0.48	2.84	-0.38	0.28	-0.21	0.13	Sapelo
4801	478097	3479722	477870	3479857	-0.52	3.13	-0.43	0.28	-0.21	0.10	Sapelo
4802	478119	3479677	477852	3479819	-0.58	3.15	-0.47	0.33	-0.29	0.19	Sapelo
4803	478119	3479628	477833	3479756	-0.71	8.47	-0.87	0.15	-1.56	0.47	Sapelo
4804	478118	3479578	477823	3479690	-0.63	7.21	-0.83	0.14	-1.62	0.52	Sapelo
4805	478124	3479528	477804	3479650	-0.68	4.27	-0.80	0.14	-1.94	0.57	Sapelo
4806	478132	3479479	477789	3479620	-0.69	4.07	-0.75	0.11	-2.33	0.66	Sapelo
4807	478143	3479430	477775	3479587	-0.67	4.26	-0.69	0.08	-2.69	0.64	Sapelo
4808	478155	3479382	477761	3479550	-0.64	5.25	-0.67	0.06	-2.92	0.61	Sapelo
4809	478162	3479332	477748	3479515	-0.60	6.54	-0.72	0.05	-3.10	0.59	Sapelo
4810	478172	3479283	477737	3479490	-0.59	7.40	-0.73	0.05	-3.29	0.57	Sapelo
4811	478182	3479234	477724	3479467	-0.59	8.04	-0.73	0.04	-3.49	0.57	Sapelo
4812	478195	3479186	477691	3479405	-0.58	8.70	-0.65	0.03	-3.69	0.55	Sapelo
4813	478204	3479137	477656	3479338	-0.55	9.73	-0.53	0.02	-3.97	0.54	Sapelo
4814	478216	3479088	477628	3479269	-0.43	9.20	-0.01	0.00	-4.19	0.51	Sapelo
4815	478224	3479039	477610	3479206	1.98	11.89	3.13	0.43	3.99	0.45	Sapelo
4816	478226	3478989	477607	3479146	0.01	11.06	0.57	0.01	-4.26	0.45	Sapelo
4817	478222	3478939	477607	3479145	0.01	11.50	0.61	0.01	-4.39	0.45	Sapelo
4818	478207	3478892	477607	3479143	0.03	12.01	0.64	0.01	-4.55	0.45	Sapelo
4819	478188	3478846	477607	3479143	0.03	12.52	0.65	0.01	-4.77	0.45	Sapelo
4820	478188	3478796	477604	3479139	0.06	12.90	0.69	0.01	-4.95	0.45	Sapelo
4821	478178	3478747	477489	3479030	0.92	11.96	1.51	0.06	-0.27	0.00	Sapelo
4822	478162	3478700	477404	3478887	1.51	11.36	2.06	0.11	0.26	0.00	Sapelo
4823	478145	3478653	477380	3478725	1.79	10.70	2.28	0.15	0.58	0.01	Sapelo
4824	478126	3478607	477410	3478566	-4.93	9.57	-5.82	0.77	-6.17	0.73	Sapelo
4825	478107	3478560	477461	3478424	1.76	9.35	2.14	0.19	0.81	0.02	Sapelo
4826	478087	3478515	477463	3478407	1.74	8.85	2.14	0.21	0.88	0.03	Sapelo
4827	478067	3478469	477466	3478385	1.73	8.49	2.15	0.23	0.97	0.04	Sapelo
4828	478045	3478424	477469	3478357	1.73	8.32	2.18	0.27	1.11	0.05	Sapelo
4829	478013	3478386	477473	3478330	1.73	7.76	2.20	0.32	1.25	0.08	Sapelo
4830	477967	3478368	477474	3478323	1.73	6.40	2.19	0.37	1.31	0.11	Sapelo
4831	477920	3478350	477474	3478319	1.73	5.38	2.17	0.43	1.37	0.16	Sapelo
4832	477877	3478324	477475	3478299	1.74	4.69	2.14	0.49	1.45	0.22	Sapelo
4833	477840	3478292	477475	3478271	1.77	3.72	1.93	0.55	1.48	0.31	Sapelo
4834	477849	3478244	477477	3478225	1.75	3.99	2.19	0.69	1.75	0.53	Sapelo
4835	477851	3478194	477482	3478176	1.70	4.63	2.16	0.72	1.85	0.66	Sapelo
4836	477839	3478146	477484	3478129	1.67	4.95	2.13	0.71	1.93	0.70	Sapelo
4837	477837	3478096	477486	3478089	1.64	5.74	2.12	0.65	2.01	0.65	Sapelo
4838	477830	3478046	477487	3478056	1.57	6.30	2.07	0.59	2.03	0.59	Sapelo
4839	477814	3477999	477487	3478030	1.52	6.51	2.00	0.55	2.02	0.55	Sapelo
4840	477788	3477957	477486	3478015	1.50	6.21	1.93	0.55	2.00	0.54	Sapelo
4841	477757	3477918	477485	3478005	1.48	5.80	1.86	0.55	1.97	0.55	Sapelo
4842	477726	3477879	477477	3477989	1.44	5.52	1.78	0.54	1.93	0.53	Sapelo
4843	477692	3477842	477462	3477964	1.33	5.31	1.64	0.50	1.83	0.50	Sapelo
4844	477657	3477806	477443	3477936	1.14	5.17	1.43	0.43	1.64	0.44	Sapelo
4845	477620	3477773	477424	3477906	0.87	5.06	1.15	0.34	1.37	0.36	Sapelo
4846	477583	3477739	477403	3477869	0.62	5.09	0.90	0.24	1.09	0.27	Sapelo
4847	477546	3477706	477376	3477833	0.38	5.09	0.65	0.15	0.83	0.18	Sapelo
4848	477506	3477676	477345	3477798	0.15	4.98	0.40	0.07	0.58	0.10	Sapelo
4849	477470	3477641	477314	3477757	-0.06	4.92	0.17	0.01	0.35	0.04	Sapelo
4850	477435	3477606	477283	3477712	-0.30	4.84	-0.08	0.00	0.09	0.00	Sapelo
4851	477400	3477570	477255	3477665	-0.51	4.67	-0.29	0.04	-0.14	0.01	Sapelo
4852	477368	3477532	477228	3477620	-0.69	4.48	-0.47	0.12	-0.34	0.05	Sapelo
4853	477349	3477486	477201	3477581	-0.87	4.41	-0.64	0.21	-0.53	0.12	Sapelo
4854	477332	3477439	477177	3477542	-1.03	4.27	-0.81	0.31	-0.70	0.20	Sapelo
4855	477314	3477392	477149	3477500	-1.17	4.18	-0.95	0.39	-0.84	0.28	Sapelo
4856	477294	3477346	477120	3477459	-1.31	4.17	-1.10	0.47	-0.99	0.35	Sapelo
4857	477275	3477300	477096	3477422	-1.44	3.96	-1.25	0.55	-1.14	0.44	Sapelo
4858	477254	3477255	477071	3477381	-1.52	3.66	-1.35	0.62	-1.23	0.50	Sapelo
4859	477231	3477210	477044	3477342	-1.61	3.43	-1.46	0.69	-1.35	0.57	Sapelo
4860	477209	3477165	477018	3477311	-1.69	3.26	-1.57	0.74	-1.45	0.62	Sapelo
4861	477186	3477121	476993	3477278	-1.76	3.06	-1.66	0.78	-1.53	0.66	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4862	477163	3477077	476962	3477241	-1.83	2.86	-1.75	0.82	-1.62	0.71	Sapelo
4863	477133	3477036	476930	3477204	-1.84	2.64	-1.77	0.85	-1.67	0.76	Sapelo
4864	477103	3476996	476897	3477165	-1.84	2.39	-1.78	0.88	-1.69	0.80	Sapelo
4865	477070	3476959	476864	3477123	-1.80	2.12	-1.76	0.91	-1.68	0.83	Sapelo
4866	477037	3476921	476830	3477079	-1.76	1.70	-1.75	0.94	-1.68	0.89	Sapelo
4867	477004	3476884	476803	3477045	-1.69	1.43	-1.72	0.96	-1.66	0.91	Sapelo
4868	476968	3476849	476783	3477018	-1.64	1.37	-1.69	0.97	-1.65	0.93	Sapelo
4869	476933	3476813	476735	3476997	-1.57	1.51	-1.69	0.95	-1.66	0.92	Sapelo
4870	476898	3476778	476704	3476959	-1.48	2.98	-1.78	0.81	-1.69	0.80	Sapelo
4871	476862	3476743	476675	3476922	-1.39	3.19	-1.71	0.78	-1.63	0.76	Sapelo
4872	476825	3476709	476640	3476879	-1.31	3.42	-1.64	0.73	-1.59	0.72	Sapelo
4873	476790	3476674	476597	3476822	-1.20	3.67	-1.55	0.68	-1.53	0.67	Sapelo
4874	476755	3476638	476565	3476784	-1.12	3.98	-1.49	0.62	-1.48	0.62	Sapelo
4875	476728	3476596	476534	3476744	-1.05	4.25	-1.43	0.56	-1.45	0.57	Sapelo
4876	476704	3476552	476501	3476699	-0.98	4.43	-1.37	0.52	-1.39	0.53	Sapelo
4877	476682	3476508	476470	3476656	-0.91	4.64	-1.31	0.47	-1.36	0.48	Sapelo
4878	476657	3476464	476442	3476620	-0.83	4.90	-1.25	0.42	-1.31	0.43	Sapelo
4879	476633	3476420	476411	3476574	-0.77	5.04	-1.20	0.38	-1.26	0.40	Sapelo
4880	476609	3476376	476383	3476535	-0.72	5.22	-1.16	0.35	-1.23	0.37	Sapelo
4881	476584	3476333	476362	3476503	-0.66	5.35	-1.11	0.31	-1.19	0.34	Sapelo
4882	476561	3476288	476341	3476469	-0.57	5.47	-1.03	0.27	-1.12	0.30	Sapelo
4883	476539	3476244	476319	3476443	-0.51	5.68	-0.99	0.24	-1.08	0.27	Sapelo
4884	476518	3476199	476300	3476425	-0.46	5.96	-0.96	0.22	-1.04	0.24	Sapelo
4885	476492	3476155	476283	3476410	-0.42	6.26	-0.94	0.20	-1.01	0.22	Sapelo
4886	476470	3476111	476175	3476391	-0.34	2.04	-0.32	0.12	-0.59	0.26	Sapelo
4887	476450	3476065	476109	3476319	-0.29	7.74	-0.91	0.15	-0.90	0.15	Sapelo
4888	476426	3476022	476073	3476218	-5.39	4.12	-5.27	0.91	-5.47	0.96	Sapelo
4889	476401	3475979	476057	3476118	-0.51	2.12	-0.31	0.22	-0.43	0.24	Sapelo
4890	476376	3475936	476041	3476015	-0.54	1.36	-0.41	0.52	-0.47	0.52	Sapelo
4891	476352	3475892	476033	3475983	-0.53	1.42	-0.39	0.47	-0.45	0.51	Sapelo
4892	476326	3475849	476019	3475942	-0.50	1.64	-0.33	0.33	-0.41	0.39	Sapelo
4893	476298	3475807	476005	3475902	-0.47	2.01	-0.26	0.17	-0.36	0.24	Sapelo
4894	476272	3475765	475992	3475858	-0.40	2.50	-0.16	0.05	-0.27	0.09	Sapelo
4895	476244	3475723	475978	3475814	-0.35	4.43	-0.08	0.01	-0.25	0.02	Sapelo
4896	476213	3475685	475963	3475767	-0.35	5.04	-0.08	0.00	-0.25	0.02	Sapelo
4897	476184	3475644	475952	3475726	-0.33	5.00	-0.07	0.00	-0.23	0.02	Sapelo
4898	476156	3475602	475940	3475694	-0.31	4.88	-0.05	0.00	-0.21	0.01	Sapelo
4899	476127	3475562	475930	3475663	-0.26	5.21	0.01	0.00	-0.16	0.01	Sapelo
4900	476095	3475523	475918	3475643	-0.20	5.71	0.08	0.00	-0.09	0.00	Sapelo
4901	476061	3475525	475882	3475653	-0.18	5.51	0.11	0.01	-0.05	0.00	Sapelo
4902	476019	3475522	475878	3475640	-0.14	4.78	0.15	0.02	0.01	0.00	Sapelo
4903	475980	3475496	475864	3475586	-0.03	4.29	0.27	0.06	0.18	0.02	Sapelo
4904	475958	3475451	475836	3475537	0.13	4.55	0.42	0.14	0.38	0.06	Sapelo
4905	475930	3475410	475804	3475481	0.30	4.26	0.57	0.25	0.55	0.14	Sapelo
4906	475931	3475362	475783	3475438	0.42	4.82	0.68	0.29	0.66	0.16	Sapelo
4907	475950	3475316	475764	3475399	0.50	6.30	0.76	0.25	0.71	0.11	Sapelo
4908	475950	3475266	475748	3475362	0.61	7.11	0.85	0.25	0.79	0.11	Sapelo
4909	475938	3475218	475734	3475319	0.72	7.47	0.91	0.27	0.85	0.12	Sapelo
4910	475901	3475191	475715	3475288	0.81	6.17	0.93	0.37	0.92	0.19	Sapelo
4911	475862	3475168	475699	3475261	0.87	5.61	0.95	0.43	0.96	0.25	Sapelo
4912	475830	3475131	475676	3475220	0.94	5.04	0.99	0.51	1.01	0.32	Sapelo
4913	475799	3475091	475649	3475173	0.99	4.57	1.01	0.57	1.05	0.39	Sapelo
4914	475773	3475048	475625	3475128	1.02	4.11	1.03	0.63	1.06	0.45	Sapelo
4915	475750	3475004	475602	3475085	1.04	3.77	1.03	0.67	1.07	0.50	Sapelo
4916	475724	3474961	475580	3475042	1.05	3.34	1.04	0.72	1.07	0.56	Sapelo
4917	475700	3474918	475556	3474997	1.02	2.84	1.02	0.77	1.03	0.61	Sapelo
4918	475679	3474872	475526	3474951	1.04	2.59	1.05	0.81	1.05	0.66	Sapelo
4919	475658	3474827	475502	3474909	1.06	2.52	1.09	0.83	1.09	0.68	Sapelo
4920	475636	3474782	475485	3474871	1.10	2.70	1.14	0.82	1.19	0.70	Sapelo
4921	475619	3474735	475472	3474839	1.14	3.04	1.20	0.78	1.29	0.68	Sapelo
4922	475596	3474691	475425	3474801	1.09	3.94	1.22	0.63	1.38	0.56	Sapelo
4923	475569	3474649	475356	3474786	1.08	0.54	1.09	0.97	1.04	0.94	Sapelo
4924	475545	3474605	475330	3474733	1.06	0.37	1.08	0.98	1.03	0.95	Sapelo
4925	475524	3474560	475350	3474646	1.02	3.96	1.20	0.60	1.35	0.53	Sapelo
4926	475506	3474513	475325	3474577	0.99	3.88	1.19	0.60	1.31	0.53	Sapelo
4927	475487	3474467	475309	3474536	0.97	3.96	1.19	0.60	1.29	0.51	Sapelo
4928	475468	3474421	475291	3474492	0.94	4.04	1.19	0.58	1.27	0.49	Sapelo
4929	475446	3474376	475273	3474447	0.92	4.11	1.17	0.57	1.25	0.48	Sapelo
4930	475427	3474330	475254	3474402	0.91	4.17	1.18	0.56	1.24	0.47	Sapelo
4931	475411	3474282	475235	3474356	0.94	4.19	1.22	0.57	1.27	0.48	Sapelo
4932	475396	3474235	475215	3474309	1.04	4.20	1.32	0.61	1.37	0.51	Sapelo
4933	475382	3474187	475196	3474266	1.13	4.21	1.42	0.64	1.46	0.54	Sapelo
4934	475366	3474139	475179	3474220	1.20	4.16	1.49	0.67	1.53	0.57	Sapelo
4935	475350	3474092	475160	3474176	1.25	4.13	1.54	0.68	1.57	0.59	Sapelo
4936	475340	3474043	475139	3474133	1.30	4.13	1.61	0.70	1.63	0.61	Sapelo
4937	475329	3473994	475120	3474089	1.37	4.19	1.69	0.71	1.71	0.62	Sapelo
4938	475313	3473947	475098	3474041	1.44	4.28	1.75	0.72	1.78	0.63	Sapelo
4939	475299	3473899	475078	3473994	1.49	4.38	1.81	0.72	1.85	0.64	Sapelo
4940	475288	3473850	475057	3473944	1.53	4.52	1.87	0.71	1.91	0.64	Sapelo

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
4941	475275	3473802	475039	3473900	1.61	4.56	1.95	0.72	2.01	0.65	Sapelo
4942	475265	3473753	475023	3473854	1.68	4.72	2.02	0.72	2.10	0.66	Sapelo
4943	475253	3473705	475003	3473807	1.72	4.93	2.07	0.71	2.17	0.65	Sapelo
4944	475236	3473658	474982	3473761	1.77	4.92	2.11	0.71	2.24	0.66	Sapelo
4945	475226	3473609	474964	3473717	1.83	4.94	2.17	0.71	2.31	0.67	Sapelo
4946	475217	3473560	474945	3473667	1.88	4.96	2.23	0.71	2.38	0.67	Sapelo
4947	475203	3473512	474926	3473618	1.94	5.00	2.30	0.72	2.46	0.68	Sapelo
4948	475193	3473463	474908	3473573	2.01	4.97	2.36	0.72	2.54	0.69	Sapelo
4949	475180	3473415	474892	3473530	2.08	4.94	2.42	0.73	2.62	0.70	Sapelo
4950	475167	3473366	474876	3473488	2.13	4.92	2.46	0.73	2.68	0.70	Sapelo
4951	475156	3473318	474858	3473448	2.16	5.04	2.48	0.72	2.72	0.70	Sapelo
4952	475142	3473270	474837	3473402	2.17	5.21	2.49	0.71	2.75	0.69	Sapelo
4953	475123	3473224	474816	3473357	2.13	5.37	2.45	0.69	2.72	0.67	Sapelo
4954	475104	3473177	474798	3473311	2.11	5.37	2.42	0.69	2.70	0.67	Sapelo
4955	475080	3473134	474782	3473268	2.08	5.40	2.40	0.70	2.65	0.67	Sapelo
4956	475052	3473092	474763	3473224	2.06	5.57	2.40	0.70	2.62	0.66	Sapelo
4957	475023	3473051	474743	3473185	2.01	5.83	2.37	0.69	2.57	0.64	Sapelo
4958	474999	3473007	474719	3473139	1.94	6.06	2.32	0.67	2.49	0.61	Sapelo
4959	474976	3472963	474698	3473095	1.91	6.26	2.31	0.67	2.45	0.60	Sapelo
4960	474967	3472946	474687	3473069	1.91	6.31	2.32	0.67	2.44	0.59	Sapelo
4961	473345	3465665	472932	3465797	-2.54	3.51	-2.66	0.83	-2.97	0.81	Wolf
4962	473329	3465620	472928	3465788	-2.45	3.93	-2.59	0.79	-2.93	0.77	Wolf
4963	473297	3465582	472924	3465779	-2.44	4.59	-2.60	0.74	-2.98	0.73	Wolf
4964	473266	3465543	472904	3465744	-2.45	5.22	-2.65	0.70	-3.08	0.69	Wolf
4965	473233	3465505	472889	3465721	-2.48	4.99	-2.68	0.71	-3.09	0.71	Wolf
4966	473198	3465469	472876	3465701	-2.52	4.74	-2.70	0.74	-3.10	0.73	Wolf
4967	473161	3465436	472860	3465679	-2.58	4.52	-2.75	0.76	-3.13	0.75	Wolf
4968	473123	3465404	472840	3465653	-2.58	4.52	-2.75	0.76	-3.13	0.75	Wolf
4969	473088	3465368	472818	3465631	-2.58	4.53	-2.75	0.76	-3.13	0.75	Wolf
4970	473051	3465335	472794	3465610	-2.56	4.53	-2.73	0.76	-3.11	0.75	Wolf
4971	473009	3465308	472774	3465594	-2.46	4.40	-2.62	0.74	-3.01	0.74	Wolf
4972	472961	3465294	472758	3465581	-2.38	3.84	-2.52	0.75	-2.89	0.75	Wolf
4973	472911	3465293	472746	3465570	-2.30	2.99	-2.40	0.80	-2.72	0.80	Wolf
4974	472861	3465287	472731	3465558	-2.15	1.94	-2.20	0.85	-2.46	0.85	Wolf
4975	472812	3465290	472711	3465544	-1.93	1.33	-1.96	0.90	-2.15	0.89	Wolf
4976	472765	3465306	472683	3465535	-1.72	1.12	-1.75	0.90	-1.91	0.89	Wolf
4977	472720	3465327	472651	3465541	-1.57	1.12	-1.58	0.87	-1.76	0.85	Wolf
4978	472675	3465349	472626	3465541	-1.35	1.20	-1.34	0.81	-1.53	0.79	Wolf
4979	472629	3465369	472605	3465540	-1.08	1.33	-1.04	0.68	-1.25	0.67	Wolf
4980	472588	3465397	472578	3465538	-0.86	1.54	-0.76	0.54	-0.98	0.54	Wolf
4981	472539	3465406	472537	3465525	-0.58	1.88	-0.43	0.30	-0.62	0.33	Wolf
4982	472499	3465429	472501	3465508	-0.37	1.61	-0.25	0.24	-0.37	0.41	Wolf
4983	472450	3465425	472454	3465520	-0.14	2.79	-0.05	0.01	-0.05	0.00	Wolf
4984	472400	3465429	472407	3465529	0.15	2.68	0.20	0.08	0.27	0.09	Wolf
4985	472352	3465442	472366	3465541	0.27	2.54	0.28	0.16	0.73	0.58	Wolf
4986	472304	3465457	472317	3465554	0.25	2.48	0.24	0.12	0.70	0.56	Wolf
4987	472257	3465474	472270	3465559	0.23	1.89	0.22	0.15	0.64	0.60	Wolf
4988	472210	3465491	472220	3465570	0.21	1.62	0.18	0.13	0.59	0.61	Wolf
4989	472165	3465513	472174	3465582	0.12	1.57	0.09	0.04	0.44	0.51	Wolf
4990	472121	3465535	472127	3465596	0.00	1.64	-0.01	0.00	0.30	0.34	Wolf
4991	472071	3465540	472074	3465583	-0.14	0.85	-0.10	0.20	-0.04	0.05	Wolf
4992	472021	3465540	472021	3465593	-0.20	0.96	-0.16	0.34	-0.16	0.52	Wolf
4993	471971	3465538	471968	3465601	-0.28	0.86	-0.22	0.50	-0.35	0.85	Wolf
4994	471921	3465535	471918	3465604	-0.27	0.86	-0.22	0.50	-0.34	0.85	Wolf
4995	471871	3465531	471869	3465604	-0.26	1.06	-0.22	0.46	-0.30	0.77	Wolf
4996	471822	3465524	471815	3465591	-0.19	0.80	-0.15	0.43	-0.19	0.71	Wolf
4997	471773	3465512	471766	3465549	-0.19	0.56	-0.13	0.40	-0.24	0.82	Wolf
4998	471728	3465492	471709	3465557	-0.20	0.92	-0.11	0.15	-0.25	0.69	Wolf
4999	471678	3465491	471661	3465536	-0.20	0.41	-0.16	0.68	-0.21	0.90	Wolf
5000	471630	3465478	471614	3465515	-0.09	0.52	-0.05	0.13	-0.06	0.32	Wolf
5001	471586	3465456	471570	3465492	-0.05	0.16	-0.05	0.22	0.03	0.15	Wolf
5002	471543	3465434	471533	3465459	-0.03	0.41	-0.02	0.02	0.06	0.24	Wolf
5003	471500	3465410	471490	3465431	0.03	0.30	0.00	0.00	0.08	0.53	Wolf
5004	471461	3465378	471454	3465401	0.02	0.32	0.04	0.18	0.05	0.44	Wolf
5005	471416	3465356	471410	3465385	-0.07	0.47	-0.03	0.04	-0.01	0.00	Wolf
5006	471371	3465337	471367	3465378	-0.14	0.57	-0.10	0.20	-0.03	0.05	Wolf
5007	471321	3465339	471321	3465372	-0.17	0.61	-0.11	0.26	-0.11	0.49	Wolf
5008	471272	3465350	471279	3465386	-0.20	0.64	-0.15	0.46	-0.17	0.74	Wolf
5009	471225	3465364	471235	3465400	-0.19	0.59	-0.16	0.59	-0.18	0.81	Wolf
5010	471178	3465382	471190	3465418	-0.16	0.75	-0.13	0.39	-0.18	0.72	Wolf
5011	471130	3465397	471147	3465437	-0.19	0.79	-0.14	0.35	-0.26	0.79	Wolf
5012	471088	3465423	471109	3465466	-0.25	1.17	-0.20	0.34	-0.34	0.76	Wolf
5013	471044	3465446	471059	3465479	-0.10	0.79	-0.06	0.09	-0.07	0.25	Wolf
5014	470999	3465468	471017	3465504	-0.13	0.80	-0.07	0.09	-0.17	0.61	Wolf
5015	470952	3465485	470966	3465516	0.01	0.67	0.07	0.14	-0.01	0.01	Wolf
5016	470905	3465500	470923	3465541	0.08	0.55	0.14	0.43	0.05	0.20	Wolf
5017	470858	3465517	470873	3465563	0.05	0.78	0.11	0.22	-0.03	0.05	Wolf
5018	470814	3465540	470826	3465583	0.21	0.29	0.23	0.91	0.20	0.95	Wolf
5019	470766	3465555	470778	3465594	0.07	0.47	0.11	0.38	0.00	0.00	Wolf

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5020	470717	3465564	470729	3465605	0.06	0.65	0.13	0.27	-0.07	0.12	Wolf
5021	470667	3465569	470684	3465622	0.20	0.60	0.26	0.63	0.08	0.18	Wolf
5022	470620	3465584	470635	3465625	0.04	0.69	0.12	0.22	-0.07	0.14	Wolf
5023	470575	3465605	470587	3465632	-0.01	0.48	0.04	0.07	-0.08	0.34	Wolf
5024	470527	3465616	470540	3465643	0.03	0.53	0.07	0.21	0.01	0.03	Wolf
5025	470479	3465631	470499	3465669	-0.06	0.84	0.02	0.01	-0.12	0.38	Wolf
5026	470433	3465651	470463	3465705	-0.23	1.10	-0.12	0.10	-0.41	0.70	Wolf
5027	470388	3465672	470429	3465736	-0.39	1.30	-0.26	0.27	-0.64	0.78	Wolf
5028	470345	3465697	470394	3465768	-0.54	1.26	-0.41	0.41	-0.90	0.82	Wolf
5029	470299	3465717	470355	3465796	-0.61	1.11	-0.50	0.49	-1.02	0.84	Wolf
5030	470254	3465738	470306	3465820	-0.61	0.97	-0.54	0.64	-0.93	0.88	Wolf
5031	470209	3465760	470257	3465843	-0.58	0.82	-0.51	0.81	-0.72	0.94	Wolf
5032	470166	3465785	470215	3465877	-0.63	1.21	-0.53	0.74	-0.72	0.92	Wolf
5033	470123	3465811	470164	3465897	-0.57	1.21	-0.48	0.72	-0.54	0.89	Wolf
5034	470079	3465834	470120	3465914	-0.53	1.11	-0.45	0.71	-0.48	0.88	Wolf
5035	470036	3465860	470077	3465933	-0.48	1.07	-0.41	0.67	-0.37	0.78	Wolf
5036	469994	3465887	470032	3465960	-0.48	0.91	-0.41	0.72	-0.38	0.84	Wolf
5037	469949	3465910	469986	3465987	-0.48	0.94	-0.41	0.69	-0.35	0.78	Wolf
5038	469905	3465933	469945	3466029	-0.61	1.23	-0.53	0.76	-0.55	0.89	Wolf
5039	469862	3465959	469899	3466042	-0.54	0.99	-0.50	0.82	-0.47	0.89	Wolf
5040	469819	3465983	469854	3466060	-0.49	0.94	-0.46	0.82	-0.39	0.83	Wolf
5041	469775	3466007	469808	3466073	-0.47	0.72	-0.44	0.84	-0.37	0.87	Wolf
5042	469729	3466027	469768	3466099	-0.54	0.78	-0.49	0.85	-0.48	0.93	Wolf
5043	469688	3466055	469714	3466109	-0.37	0.71	-0.34	0.81	-0.32	0.87	Wolf
5044	469645	3466080	469669	3466137	-0.38	0.46	-0.34	0.87	-0.42	0.96	Wolf
5045	469596	3466089	469632	3466167	-0.46	0.76	-0.41	0.84	-0.47	0.94	Wolf
5046	469549	3466105	469594	3466196	-0.67	0.82	-0.61	0.89	-0.64	0.96	Wolf
5047	469512	3466137	469557	3466215	-0.50	0.62	-0.45	0.86	-0.59	0.95	Wolf
5048	469473	3466168	469511	3466228	-0.45	0.44	-0.41	0.93	-0.45	0.98	Wolf
5049	469438	3466202	469463	3466242	-0.27	0.49	-0.23	0.72	-0.25	0.89	Wolf
5050	469404	3466240	469419	3466263	-0.13	0.48	-0.09	0.29	-0.09	0.49	Wolf
5051	469365	3466270	469381	3466297	-0.06	0.58	-0.01	0.00	-0.04	0.11	Wolf
5052	469326	3466302	469345	3466330	0.02	0.51	0.07	0.16	0.05	0.22	Wolf
5053	469288	3466334	469308	3466360	0.00	0.54	0.05	0.09	0.00	0.00	Wolf
5054	469247	3466362	469270	3466390	-0.01	0.59	0.04	0.06	0.01	0.01	Wolf
5055	469203	3466387	469232	3466418	0.02	0.71	0.08	0.13	0.07	0.20	Wolf
5056	469162	3466415	469193	3466446	0.03	0.84	0.10	0.16	0.06	0.10	Wolf
5057	469122	3466444	469158	3466476	0.05	1.18	0.13	0.17	0.05	0.04	Wolf
5058	469083	3466476	469130	3466511	0.07	1.48	0.16	0.17	0.06	0.03	Wolf
5059	469049	3466512	469103	3466546	-0.07	1.67	0.07	0.02	-0.16	0.17	Wolf
5060	469025	3466556	469083	3466585	-0.07	1.75	0.08	0.03	-0.20	0.20	Wolf
5061	469011	3466604	469068	3466627	-0.02	1.58	0.11	0.06	-0.11	0.09	Wolf
5062	469002	3466653	469057	3466671	-0.01	1.26	0.10	0.08	-0.02	0.00	Wolf
5063	468995	3466702	469048	3466718	-0.01	1.11	0.09	0.07	0.01	0.00	Wolf
5064	468987	3466752	469037	3466764	-0.04	1.02	0.05	0.03	-0.03	0.02	Wolf
5065	468985	3466802	469030	3466811	-0.09	0.90	-0.01	0.00	-0.05	0.07	Wolf
5066	468983	3466852	469022	3466859	-0.11	0.78	-0.04	0.03	-0.07	0.17	Wolf
5067	468978	3466901	469007	3466908	-0.14	0.59	-0.08	0.19	-0.10	0.46	Wolf
5068	468967	3466950	468996	3466956	-0.08	0.52	-0.04	0.05	-0.04	0.13	Wolf
5069	468951	3466997	468986	3467004	-0.06	0.68	0.01	0.00	-0.09	0.32	Wolf
5070	468940	3467046	468970	3467051	0.00	0.53	0.06	0.12	-0.04	0.10	Wolf
5071	468931	3467095	468963	3467100	0.01	0.55	0.07	0.15	-0.03	0.06	Wolf
5072	468922	3467144	468954	3467148	-0.01	0.58	0.05	0.09	-0.06	0.22	Wolf
5073	468915	3467194	468951	3467197	0.04	0.54	0.10	0.25	-0.05	0.11	Wolf
5074	468912	3467244	468949	3467246	0.10	0.40	0.14	0.51	0.02	0.02	Wolf
5075	468908	3467294	468950	3467295	0.10	0.57	0.14	0.35	-0.03	0.04	Wolf
5076	468905	3467343	468951	3467343	0.14	0.63	0.18	0.50	0.04	0.06	Wolf
5077	468906	3467393	468953	3467392	0.14	0.69	0.18	0.44	0.02	0.02	Wolf
5078	468907	3467443	468957	3467442	0.15	0.66	0.20	0.51	0.04	0.08	Wolf
5079	468910	3467493	468959	3467492	0.13	0.79	0.18	0.44	0.04	0.07	Wolf
5080	468914	3467543	468960	3467542	0.10	0.83	0.16	0.35	0.02	0.01	Wolf
5081	468919	3467593	468960	3467592	0.07	0.84	0.11	0.24	0.00	0.00	Wolf
5082	468925	3467643	468959	3467642	0.03	0.69	0.08	0.17	-0.03	0.05	Wolf
5083	468929	3467692	468968	3467693	0.00	0.90	0.05	0.06	-0.01	0.00	Wolf
5084	468932	3467742	468962	3467743	-0.01	0.68	0.04	0.04	-0.04	0.11	Wolf
5085	468935	3467792	468964	3467793	-0.01	0.52	0.03	0.04	-0.06	0.28	Wolf
5086	468935	3467842	468963	3467845	0.01	0.43	0.05	0.15	-0.04	0.16	Wolf
5087	468932	3467892	468960	3467896	0.01	0.43	0.05	0.14	-0.06	0.25	Wolf
5088	468927	3467942	468957	3467947	0.03	0.41	0.07	0.21	-0.05	0.18	Wolf
5089	468918	3467991	468945	3467997	0.02	0.45	0.05	0.15	-0.04	0.16	Wolf
5090	468904	3468039	468941	3468048	0.01	0.56	0.06	0.13	-0.01	0.00	Wolf
5091	468888	3468086	468919	3468096	-0.03	0.60	0.03	0.03	-0.08	0.34	Wolf
5092	468871	3468133	468903	3468145	-0.04	0.73	0.02	0.01	-0.08	0.32	Wolf
5093	468854	3468180	468885	3468194	-0.06	0.55	-0.01	0.00	-0.15	0.58	Wolf
5094	468836	3468227	468867	3468242	-0.09	0.48	-0.04	0.04	-0.23	0.66	Wolf
5095	468816	3468273	468850	3468288	-0.16	0.54	-0.11	0.28	-0.28	0.79	Wolf
5096	468795	3468318	468827	3468334	-0.15	0.52	-0.11	0.26	-0.28	0.78	Wolf
5097	468771	3468362	468800	3468378	-0.13	0.47	-0.09	0.20	-0.25	0.76	Wolf
5098	468746	3468405	468774	3468422	-0.10	0.42	-0.07	0.14	-0.22	0.73	Wolf

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5099	468721	3468449	468746	3468465	-0.04	0.46	-0.01	0.01	-0.12	0.58	Wolf
5100	468688	3468485	468711	3468503	-0.08	0.38	-0.04	0.06	-0.16	0.67	Wolf
5101	468656	3468524	468679	3468541	-0.03	0.38	0.01	0.00	-0.14	0.56	Wolf
5102	468625	3468563	468650	3468582	-0.04	0.46	0.00	0.00	-0.16	0.57	Wolf
5103	468593	3468602	468618	3468619	-0.06	0.62	-0.02	0.01	-0.11	0.51	Wolf
5104	468565	3468643	468588	3468660	-0.07	0.57	-0.03	0.06	-0.10	0.56	Wolf
5105	468539	3468685	468558	3468698	-0.04	0.43	-0.02	0.03	-0.07	0.50	Wolf
5106	468510	3468726	468530	3468742	-0.04	0.52	-0.01	0.00	-0.07	0.42	Wolf
5107	468486	3468770	468507	3468786	-0.05	0.49	-0.02	0.03	-0.08	0.51	Wolf
5108	468462	3468813	468479	3468827	-0.05	0.43	-0.03	0.10	-0.08	0.59	Wolf
5109	468435	3468855	468455	3468869	-0.06	0.36	-0.03	0.09	-0.11	0.69	Wolf
5110	468407	3468897	468440	3468920	-0.14	0.73	-0.09	0.18	-0.21	0.72	Wolf
5111	468376	3468936	468398	3468952	-0.05	0.64	-0.01	0.01	-0.07	0.31	Wolf
5112	468348	3468978	468370	3468994	-0.05	0.45	-0.02	0.03	-0.13	0.63	Wolf
5113	468319	3469018	468349	3469041	-0.09	1.14	-0.07	0.08	-0.11	0.25	Wolf
5114	468287	3469056	468309	3469073	-0.04	0.53	-0.02	0.01	-0.14	0.57	Wolf
5115	468254	3469094	468279	3469112	-0.12	0.65	-0.09	0.25	-0.17	0.71	Wolf
5116	468226	3469135	468248	3469151	-0.12	0.67	-0.09	0.29	-0.14	0.63	Wolf
5117	468196	3469175	468219	3469192	-0.09	0.60	-0.06	0.17	-0.15	0.65	Wolf
5118	468166	3469215	468185	3469231	-0.04	0.41	-0.01	0.00	-0.12	0.58	Wolf
5119	468135	3469254	468155	3469271	0.00	0.41	0.03	0.03	-0.09	0.43	Wolf
5120	468106	3469295	468123	3469308	0.00	0.38	0.01	0.01	-0.05	0.32	Wolf
5121	468070	3469330	468095	3469347	-0.06	0.39	-0.05	0.13	-0.15	0.66	Wolf
5122	468036	3469366	468061	3469380	0.01	0.47	0.05	0.10	-0.08	0.33	Wolf
5123	468005	3469405	468031	3469417	0.02	0.54	0.05	0.11	-0.05	0.21	Wolf
5124	467980	3469448	468008	3469458	0.03	0.65	0.05	0.12	-0.02	0.04	Wolf
5125	467964	3469495	467994	3469503	0.03	0.71	0.06	0.12	-0.02	0.03	Wolf
5126	467963	3469545	467992	3469548	0.06	0.47	0.09	0.39	0.04	0.22	Wolf
5127	467967	3469595	467995	3469593	0.08	0.38	0.11	0.51	0.10	0.71	Wolf
5128	467976	3469644	468004	3469638	0.09	0.35	0.12	0.54	0.12	0.76	Wolf
5129	467991	3469692	468016	3469682	0.08	0.31	0.11	0.56	0.10	0.74	Wolf
5130	468009	3469738	468031	3469726	0.06	0.25	0.08	0.55	0.02	0.08	Wolf
5131	468029	3469784	468055	3469765	0.06	0.39	0.10	0.32	-0.05	0.11	Wolf
5132	468053	3469827	468084	3469798	0.11	0.54	0.17	0.46	-0.01	0.00	Wolf
5133	468092	3469858	468119	3469824	0.15	0.54	0.19	0.53	0.01	0.00	Wolf
5134	468137	3469881	468157	3469846	0.11	0.47	0.14	0.37	-0.04	0.06	Wolf
5135	468184	3469897	468198	3469869	0.03	0.39	0.06	0.12	-0.12	0.33	Wolf
5136	468231	3469914	468241	3469888	0.05	0.53	0.09	0.29	-0.03	0.05	Wolf
5137	468275	3469937	468286	3469902	0.03	0.90	0.08	0.13	-0.08	0.13	Wolf
5138	468323	3469947	468332	3469915	0.02	0.81	0.08	0.13	-0.07	0.12	Wolf
5139	468373	3469955	468378	3469921	0.03	0.66	0.09	0.20	-0.03	0.04	Wolf
5140	468422	3469964	468425	3469930	0.05	0.57	0.10	0.28	-0.04	0.05	Wolf
5141	468472	3469969	468471	3469936	0.02	0.56	0.07	0.16	-0.08	0.20	Wolf
5142	468521	3469968	468521	3469940	-0.01	0.40	0.02	0.03	0.01	0.03	Wolf
5143	468569	3469952	468568	3469927	-0.03	0.33	0.00	0.00	-0.01	0.01	Wolf
5144	468616	3469936	468616	3469911	-0.06	0.40	-0.03	0.05	-0.04	0.21	Wolf
5145	468665	3469930	468665	3469894	-0.18	0.50	-0.14	0.48	-0.19	0.83	Wolf
5146	468715	3469935	468715	3469907	-0.13	0.38	-0.10	0.52	-0.14	0.76	Wolf
5147	468763	3469950	468764	3469917	-0.17	0.37	-0.14	0.63	-0.16	0.83	Wolf
5148	468811	3469964	468816	3469933	-0.15	0.39	-0.12	0.55	-0.18	0.81	Wolf
5149	468856	3469984	468867	3469948	-0.19	0.69	-0.15	0.49	-0.14	0.62	Wolf
5150	468899	3470010	468908	3469987	-0.11	0.23	-0.09	0.70	-0.10	0.82	Wolf
5151	468942	3470036	468959	3470006	-0.18	0.33	-0.14	0.63	-0.24	0.88	Wolf
5152	468977	3470071	469001	3470034	-0.23	0.27	-0.20	0.87	-0.24	0.95	Wolf
5153	469010	3470109	469042	3470071	-0.29	0.38	-0.26	0.86	-0.27	0.92	Wolf
5154	469043	3470146	469101	3470093	-0.51	0.79	-0.43	0.78	-0.55	0.92	Wolf
5155	469070	3470188	469123	3470145	-0.43	0.61	-0.38	0.82	-0.39	0.93	Wolf
5156	469098	3470230	469144	3470197	-0.32	0.70	-0.29	0.67	-0.19	0.57	Wolf
5157	469126	3470271	469175	3470237	-0.28	0.78	-0.28	0.62	-0.12	0.21	Wolf
5158	469155	3470312	469180	3470295	-0.15	0.32	-0.13	0.56	-0.08	0.46	Wolf
5159	469181	3470354	469205	3470338	-0.13	0.49	-0.08	0.25	-0.12	0.66	Wolf
5160	469206	3470397	469228	3470378	-0.10	0.59	-0.05	0.10	-0.07	0.36	Wolf
5161	469238	3470436	469260	3470415	-0.10	0.56	-0.05	0.08	-0.11	0.51	Wolf
5162	469273	3470472	469291	3470448	-0.05	0.53	0.00	0.00	-0.07	0.34	Wolf
5163	469309	3470506	469326	3470478	0.06	0.54	0.11	0.35	0.07	0.40	Wolf
5164	469350	3470534	469370	3470491	0.15	0.59	0.21	0.60	0.10	0.40	Wolf
5165	469394	3470557	469411	3470503	0.21	0.59	0.27	0.67	0.11	0.36	Wolf
5166	469442	3470571	469453	3470516	0.22	0.52	0.28	0.69	0.10	0.30	Wolf
5167	469492	3470576	469494	3470528	0.20	0.53	0.25	0.72	0.12	0.43	Wolf
5168	469542	3470572	469539	3470527	0.24	0.78	0.28	0.74	0.20	0.60	Wolf
5169	469591	3470563	469583	3470519	0.23	0.64	0.27	0.76	0.19	0.65	Wolf
5170	469638	3470546	469627	3470508	0.16	0.45	0.21	0.74	0.13	0.62	Wolf
5171	469682	3470524	469670	3470492	0.12	0.36	0.15	0.71	0.11	0.76	Wolf
5172	469725	3470497	469712	3470471	0.05	0.41	0.08	0.33	0.01	0.00	Wolf
5173	469761	3470463	469752	3470446	0.05	0.36	0.05	0.30	0.07	0.50	Wolf
5174	469802	3470435	469790	3470415	0.03	0.47	0.04	0.16	0.04	0.20	Wolf
5175	469842	3470408	469821	3470374	0.00	0.83	0.03	0.01	0.11	0.24	Wolf
5176	469881	3470383	469860	3470351	0.08	0.48	0.07	0.09	0.27	0.64	Wolf
5177	469914	3470347	469898	3470322	-0.02	0.41	-0.03	0.04	0.10	0.34	Wolf

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5178	469955	3470318	469940	3470292	-0.01	0.40	-0.04	0.05	0.13	0.40	Wolf
5179	469998	3470293	469982	3470263	-0.03	0.50	-0.06	0.10	0.11	0.29	Wolf
5180	470042	3470270	470029	3470243	-0.06	0.41	-0.07	0.23	0.04	0.09	Wolf
5181	470088	3470251	470077	3470223	-0.08	0.38	-0.08	0.28	0.02	0.03	Wolf
5182	470134	3470232	470126	3470209	-0.07	0.22	-0.06	0.28	0.01	0.01	Wolf
5183	470181	3470214	470174	3470191	-0.07	0.39	-0.05	0.14	-0.01	0.02	Wolf
5184	470231	3470209	470223	3470180	-0.13	0.53	-0.09	0.26	-0.05	0.16	Wolf
5185	470281	3470205	470271	3470169	-0.15	0.57	-0.12	0.35	-0.05	0.12	Wolf
5186	470331	3470203	470322	3470167	-0.19	0.48	-0.16	0.56	-0.10	0.48	Wolf
5187	470381	3470205	470371	3470156	-0.30	0.68	-0.27	0.73	-0.24	0.81	Wolf
5188	470430	3470203	470423	3470144	-0.36	0.36	-0.34	0.95	-0.35	0.98	Wolf
5189	470478	3470189	470474	3470135	-0.33	0.65	-0.31	0.81	-0.24	0.76	Wolf
5190	470518	3470210	470515	3470127	-0.49	0.58	-0.51	0.68	-0.20	0.31	Wolf
5191	470564	3470229	470566	3470141	-0.56	0.71	-0.54	0.72	-0.29	0.52	Wolf
5192	470613	3470238	470619	3470151	-0.57	0.73	-0.54	0.70	-0.29	0.52	Wolf
5193	470662	3470248	470674	3470159	-0.55	0.79	-0.52	0.63	-0.23	0.36	Wolf
5194	470711	3470258	470729	3470171	-0.59	1.62	-0.61	0.77	-0.38	0.64	Wolf
5195	470760	3470266	470781	3470186	-0.50	2.52	-0.53	0.81	-0.39	0.78	Wolf
5196	470810	3470274	470830	3470196	-0.47	3.47	-0.50	0.82	-0.37	0.78	Wolf
5197	470855	3470294	470878	3470215	-0.51	1.08	-0.54	0.85	-0.38	0.78	Wolf
5198	470893	3470326	470921	3470226	-0.65	1.73	-0.69	0.87	-0.51	0.83	Wolf
5199	470940	3470342	470962	3470240	-0.64	2.30	-0.68	0.93	-0.55	0.91	Wolf
5200	470990	3470341	471002	3470245	-0.62	0.71	-0.60	0.99	-0.62	0.99	Wolf
5201	471039	3470332	471043	3470255	-0.49	0.78	-0.43	0.93	-0.53	0.97	Wolf
5202	471088	3470322	471086	3470268	-0.30	1.86	-0.29	0.86	-0.29	0.94	Wolf
5203	471137	3470310	471134	3470265	-0.13	5.85	-0.19	0.63	-0.12	0.50	Wolf
5204	471181	3470288	471180	3470246	-0.14	7.60	-0.22	0.71	-0.22	0.79	Wolf
5207	471312	3470233	471308	3470205	0.07	0.56	0.06	0.06	-0.04	0.09	Wolf
5208	471362	3470238	471360	3470199	0.16	1.27	0.18	0.86	0.12	0.80	Wolf
5209	471411	3470243	471412	3470219	-0.01	0.42	0.00	0.00	0.02	0.10	Wolf
5210	471460	3470254	471462	3470223	-0.08	2.02	-0.10	0.43	-0.05	0.25	Wolf
5211	471509	3470249	471515	3470214	-0.19	0.55	-0.14	0.51	-0.21	0.83	Wolf
5212	471559	3470252	471562	3470206	-0.27	0.81	-0.20	0.53	-0.26	0.83	Wolf
5213	471609	3470258	471608	3470220	-0.15	2.77	-0.14	0.36	-0.12	0.49	Wolf
5214	471659	3470262	471659	3470222	-0.15	4.19	-0.15	0.46	-0.13	0.60	Wolf
5215	471708	3470259	471709	3470222	-0.16	2.07	-0.14	0.59	-0.18	0.84	Wolf
5216	471758	3470256	471762	3470212	-0.25	0.63	-0.20	0.65	-0.24	0.88	Wolf
5217	471808	3470259	471811	3470213	-0.26	1.37	-0.22	0.73	-0.22	0.86	Wolf
5218	471858	3470256	471859	3470210	-0.26	0.73	-0.22	0.70	-0.25	0.89	Wolf
5219	471908	3470259	471907	3470221	-0.18	1.75	-0.16	0.56	-0.17	0.78	Wolf
5220	471957	3470266	471954	3470232	-0.11	4.04	-0.09	0.29	-0.16	0.69	Wolf
5221	472007	3470271	472004	3470239	-0.09	1.34	-0.05	0.19	-0.11	0.70	Wolf
5222	472053	3470289	472046	3470239	-0.24	2.28	-0.20	0.69	-0.17	0.79	Wolf
5223	472100	3470307	472078	3470228	-0.42	1.13	-0.37	0.83	-0.39	0.94	Wolf
5224	472143	3470332	472096	3470219	-0.66	2.32	-0.58	0.84	-0.61	0.94	Wolf
5225	472187	3470355	472106	3470211	-0.99	2.63	-0.88	0.87	-0.91	0.95	Wolf
5226	472236	3470366	472116	3470204	-1.31	1.96	-1.18	0.90	-1.30	0.96	Wolf
5227	472285	3470376	472121	3470199	-1.59	2.56	-1.43	0.93	-1.49	0.92	Wolf
5228	472333	3470388	472124	3470196	-1.92	1.84	-1.75	0.95	-1.81	0.95	Wolf
5229	472379	3470408	472126	3470194	-2.23	2.64	-2.01	0.95	-2.08	0.93	Wolf
5230	472423	3470432	472126	3470194	-2.48	2.20	-2.28	0.96	-2.34	0.94	Wolf
5231	472464	3470461	472126	3470194	-2.60	3.76	-2.40	0.97	-2.45	0.94	Wolf
5232	472502	3470493	472126	3470194	-2.58	3.36	-2.37	0.97	-2.42	0.94	Wolf
5233	472549	3470510	472129	3470190	-3.71	6.36	-3.63	0.99	-3.59	0.99	Wolf
5234	472598	3470521	472130	3470189	-4.07	4.67	-4.04	1.00	-4.01	0.99	Wolf
5235	472637	3470498	472140	3470174	-4.27	3.59	-4.25	0.98	-4.36	0.98	Wolf
5236	472623	3470451	472143	3470169	-3.96	5.40	-3.91	0.95	-4.08	0.94	Wolf
5237	472619	3470401	472150	3470155	-3.72	8.39	-3.71	0.93	-3.91	0.90	Wolf
5238	472610	3470353	472160	3470131	-3.56	5.63	-3.56	1.00	-3.58	1.00	Wolf
5239	472622	3470304	472174	3470094	-3.53	3.65	-3.59	1.00	-3.58	1.00	Wolf
5240	472640	3470258	472189	3470057	-3.51	4.63	-3.67	1.00	-3.61	0.99	Wolf
5241	472661	3470214	472205	3470020	-3.58	1.74	-3.80	0.98	-3.70	0.97	Wolf
5242	472697	3470196	472216	3469996	-1.96	1.08	-1.93	0.95	-1.98	0.98	Wolf
5243	472747	3470193	472226	3469974	-1.69	1.22	-1.65	0.92	-1.71	0.96	Wolf
5244	472797	3470189	472236	3469952	-1.41	1.38	-1.37	0.86	-1.44	0.94	Wolf
5245	472846	3470190	472237	3469949	-1.37	1.38	-1.32	0.85	-1.39	0.93	Wolf
5246	472878	3470228	472235	3469954	-1.43	1.36	-1.39	0.87	-1.46	0.94	Wolf
5247	472915	3470261	472235	3469954	-1.45	1.37	-1.41	0.87	-1.47	0.94	Wolf
5248	472960	3470283	472222	3469983	-1.79	1.14	-1.75	0.94	-1.81	0.97	Wolf
5249	473009	3470279	472236	3469952	-5.97	9.28	-6.76	0.94	-6.44	0.88	Wolf
5250	473059	3470273	472237	3469949	-6.38	4.13	-7.18	0.94	-6.83	0.87	Wolf
5251	473107	3470261	472237	3469949	-6.70	10.28	-7.52	0.92	-7.39	0.83	Wolf
5252	473154	3470244	472242	3469922	-8.86	5.58	-7.90	0.93	-7.54	0.91	Wolf
5253	473200	3470225	472246	3469904	-7.29	7.93	-7.79	0.94	-7.68	0.94	Wolf
5254	473246	3470207	472249	3469888	-7.61	7.99	-8.09	0.94	-7.95	0.93	Wolf
5255	473290	3470183	472256	3469871	-7.82	9.26	-8.32	0.94	-8.17	0.93	Wolf
5256	473339	3470177	472260	3469863	-8.10	10.27	-8.66	0.94	-8.48	0.94	Wolf
5257	473389	3470169	472263	3469855	-8.46	10.17	-9.06	0.95	-8.84	0.94	Wolf
5258	473429	3470140	472273	3469833	-8.70	9.80	-9.33	0.95	-9.09	0.95	Wolf

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5259	473460	3470102	472279	3469805	-8.86	10.27	-9.49	0.95	-9.24	0.94	Wolf
5260	473492	3470063	472278	3469791	-9.09	9.49	-9.70	0.95	-9.44	0.95	Wolf
5261	473524	3470024	472278	3469782	-9.32	10.16	-10.04	0.94	-9.88	0.94	Wolf
5262	473535	3469977	472282	3469772	-9.34	10.25	-10.05	0.94	-9.88	0.93	Wolf
5263	473537	3469927	472291	3469762	-9.17	10.54	-9.91	0.93	-9.72	0.93	Wolf
5264	473549	3469878	472292	3469740	-9.17	10.52	-9.90	0.93	-9.69	0.93	Wolf
5265	473564	3469831	472290	3469727	-9.21	10.44	-9.93	0.94	-9.69	0.93	Wolf
5266	473586	3469786	472290	3469717	-9.32	10.36	-10.04	0.94	-9.77	0.94	Wolf
5267	473617	3469746	472290	3469714	-9.52	10.35	-10.24	0.94	-9.94	0.94	Wolf
5268	473627	3469698	472287	3469703	-9.59	10.28	-10.31	0.94	-9.99	0.94	Wolf
5269	473626	3469648	472282	3469691	-9.54	10.26	-10.27	0.94	-9.96	0.94	Wolf
5270	473621	3469599	472283	3469678	-9.47	10.17	-10.21	0.94	-9.92	0.94	Wolf
5271	473615	3469549	472237	3469582	-9.85	8.18	-10.37	0.96	-10.31	0.96	Wolf
5272	473613	3469499	472201	3469484	-10.03	6.45	-10.38	0.97	-10.48	0.97	Wolf
5273	473610	3469449	472186	3469395	-10.11	5.17	-10.35	0.98	-10.59	0.97	Wolf
5274	473607	3469399	472190	3469307	-10.18	3.97	-10.29	0.97	-10.69	0.97	Wolf
5275	473605	3469349	472191	3469220	-10.20	3.75	-10.21	0.97	-10.76	0.95	Wolf
5276	473602	3469299	472202	3469133	-10.12	4.02	-10.00	0.95	-10.68	0.94	Wolf
5277	473599	3469249	472249	3468961	-9.79	5.18	-9.59	0.94	-10.30	0.92	Wolf
5278	473596	3469200	472248	3468776	-10.39	6.80	-10.09	0.91	-10.92	0.88	Wolf
5279	473593	3469150	472272	3468586	-10.56	11.38	-9.32	0.83	-10.61	0.83	Wolf
5280	473590	3469100	472299	3468489	-6.02	1.57	-6.06	0.99	-5.98	0.99	Wolf
5281	473584	3469050	472356	3468403	-10.18	9.67	-9.13	0.86	-10.28	0.85	Wolf
5282	473579	3469000	472499	3468346	-9.23	7.26	-8.44	0.90	-9.29	0.90	Wolf
5283	473574	3468951	472610	3468283	-8.37	5.07	-7.82	0.95	-8.37	0.94	Wolf
5284	473569	3468901	472696	3468212	-6.35	0.91	-6.42	1.00	-6.42	0.99	Wolf
5285	473567	3468851	472763	3468132	-6.47	1.20	-6.60	0.99	-6.64	0.99	Wolf
5286	473565	3468801	472783	3468107	-6.35	1.36	-6.50	0.99	-6.55	0.99	Wolf
5287	473560	3468751	472802	3468085	-6.22	1.39	-6.37	0.99	-6.41	0.99	Wolf
5288	473556	3468701	472817	3468067	-6.06	1.39	-6.21	0.99	-6.26	0.99	Wolf
5289	473551	3468652	472831	3468053	-6.77	2.55	-6.51	0.99	-6.64	0.99	Wolf
5290	473546	3468602	472846	3468044	-6.47	2.32	-6.24	0.99	-6.34	0.99	Wolf
5291	473541	3468552	472849	3468042	-6.21	2.26	-5.99	0.99	-6.10	0.99	Wolf
5292	473536	3468502	472852	3468039	-5.97	2.19	-5.76	0.99	-5.87	0.99	Wolf
5293	473531	3468453	472853	3468038	-5.73	2.11	-5.53	0.99	-5.65	0.99	Wolf
5294	473525	3468403	472855	3468036	-5.51	2.05	-5.31	0.99	-5.44	0.99	Wolf
5295	473519	3468353	472856	3468033	-5.30	2.01	-5.11	0.99	-5.25	0.99	Wolf
5296	473517	3468303	472857	3468029	-5.14	1.97	-4.96	0.99	-5.09	0.99	Wolf
5297	473516	3468253	472859	3468025	-5.03	1.98	-4.85	0.99	-4.99	0.99	Wolf
5298	473514	3468203	472861	3468021	-4.92	1.96	-4.74	0.99	-4.89	0.99	Wolf
5299	473512	3468153	472863	3468018	-4.78	1.84	-4.61	0.99	-4.74	0.99	Wolf
5300	473509	3468103	472864	3468017	-4.67	1.81	-4.51	0.99	-4.64	0.99	Wolf
5301	473506	3468054	472848	3467984	-4.75	2.08	-4.57	0.98	-4.73	0.98	Wolf
5302	473503	3468004	472828	3467952	-4.91	2.50	-4.68	0.97	-4.91	0.97	Wolf
5303	473499	3467954	472826	3467912	-4.92	2.60	-4.68	0.97	-4.93	0.97	Wolf
5304	473495	3467904	472840	3467866	-4.78	2.38	-4.56	0.97	-4.78	0.98	Wolf
5305	473494	3467854	472847	3467816	-4.66	2.16	-4.47	0.98	-4.66	0.98	Wolf
5306	473492	3467804	472858	3467766	-4.56	1.99	-4.40	0.98	-4.57	0.98	Wolf
5307	473491	3467754	472865	3467713	-4.48	1.93	-4.35	0.98	-4.51	0.99	Wolf
5308	473489	3467704	472877	3467647	-4.39	1.90	-4.28	0.99	-4.42	0.99	Wolf
5309	473485	3467654	472889	3467577	-4.28	1.70	-4.19	0.99	-4.32	0.99	Wolf
5310	473481	3467604	472892	3467532	-4.21	1.66	-4.13	0.99	-4.25	0.99	Wolf
5311	473477	3467554	472895	3467485	-4.17	1.78	-4.07	0.99	-4.20	0.99	Wolf
5312	473474	3467505	472902	3467441	-4.09	1.62	-4.00	0.99	-4.13	0.99	Wolf
5313	473471	3467455	472909	3467398	-4.04	1.40	-3.97	0.99	-4.09	0.99	Wolf
5314	473467	3467405	472916	3467352	-3.98	1.30	-3.91	0.99	-4.03	0.99	Wolf
5315	473464	3467355	472919	3467306	-3.93	1.27	-3.86	0.99	-3.97	0.99	Wolf
5316	473461	3467305	472923	3467261	-3.88	1.43	-3.80	0.99	-3.91	0.99	Wolf
5317	473459	3467255	472926	3467228	-3.85	1.45	-3.78	0.99	-3.89	0.99	Wolf
5318	473457	3467205	472930	3467180	-3.81	1.46	-3.76	0.99	-3.86	0.99	Wolf
5319	473456	3467155	472933	3467132	-3.74	1.39	-3.70	0.99	-3.78	0.99	Wolf
5320	473453	3467105	472912	3467084	-3.74	1.41	-3.69	0.99	-3.78	0.99	Wolf
5321	473449	3467055	472924	3467038	-3.70	1.26	-3.65	0.99	-3.75	0.99	Wolf
5322	473446	3467005	472930	3466989	-3.64	1.06	-3.60	0.99	-3.69	0.99	Wolf
5323	473443	3466956	472936	3466937	-3.60	1.06	-3.54	0.99	-3.64	0.99	Wolf
5324	473440	3466906	472938	3466883	-3.55	0.98	-3.49	0.99	-3.58	0.99	Wolf
5325	473437	3466856	472941	3466827	-3.53	0.79	-3.48	0.99	-3.57	0.99	Wolf
5326	473439	3466806	472944	3466765	-3.52	0.67	-3.46	0.99	-3.55	0.99	Wolf
5327	473435	3466756	472949	3466716	-3.47	0.52	-3.42	0.99	-3.51	0.99	Wolf
5328	473428	3466707	472955	3466666	-3.37	0.41	-3.35	0.99	-3.44	0.99	Wolf
5329	473419	3466658	472960	3466617	-3.27	0.51	-3.27	0.99	-3.35	0.99	Wolf
5330	473397	3466613	472964	3466574	-3.66	0.39	-3.70	1.00	-3.70	1.00	Wolf
5331	473394	3466563	472970	3466523	-3.59	0.52	-3.64	1.00	-3.65	1.00	Wolf
5332	473389	3466513	472975	3466475	-3.50	0.49	-3.54	1.00	-3.56	1.00	Wolf
5333	473406	3466468	472978	3466430	-3.02	0.56	-3.00	0.99	-3.10	0.98	Wolf
5334	473427	3466423	472980	3466385	-3.15	0.53	-3.14	0.99	-3.20	0.99	Wolf
5335	473434	3466374	472985	3466340	-3.16	0.66	-3.18	1.00	-3.22	0.99	Wolf
5336	473436	3466324	472990	3466298	-3.14	0.57	-3.16	1.00	-3.20	0.99	Wolf
5337	473441	3466274	472993	3466260	-3.14	0.42	-3.16	1.00	-3.20	1.00	Wolf

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5338	473441	3466224	472996	3466224	-3.14	0.36	-3.15	1.00	-3.20	1.00	Wolf
5339	473440	3466174	472998	3466181	-3.13	0.34	-3.13	1.00	-3.19	0.99	Wolf
5340	473432	3466125	472998	3466142	-3.03	0.43	-3.03	0.99	-3.09	0.99	Wolf
5341	473416	3466077	472991	3466106	-2.95	0.56	-2.95	0.99	-3.05	0.99	Wolf
5342	473397	3466032	472980	3466071	-2.93	0.81	-2.92	0.97	-3.07	0.97	Wolf
5343	473386	3465983	472976	3466033	-2.87	0.91	-2.87	0.97	-3.03	0.96	Wolf
5344	473376	3465934	472972	3465997	-2.81	1.06	-2.83	0.96	-3.00	0.95	Wolf
5345	473367	3465885	472968	3465958	-2.79	1.27	-2.84	0.96	-3.00	0.95	Wolf
5346	473363	3465835	472961	3465922	-2.81	1.56	-2.86	0.95	-3.04	0.94	Wolf
5347	473363	3465785	472954	3465873	-2.86	2.07	-2.94	0.94	-3.13	0.93	Wolf
5348	473362	3465735	472945	3465840	-2.76	2.64	-2.86	0.90	-3.10	0.89	Wolf
5349	473354	3465686	472936	3465810	-2.58	3.35	-2.70	0.85	-2.99	0.83	Wolf
5350	473345	3465665	472932	3465797	-2.54	3.51	-2.66	0.83	-2.97	0.81	Wolf
5351	472570	3454246	472074	3454232	0.59	7.18	0.73	0.04	1.85	0.15	Little St Simons
5352	472559	3454198	472074	3454213	1.04	6.49	1.15	0.10	2.18	0.23	Little St Simons
5353	472546	3454149	472073	3454162	1.56	5.68	1.63	0.22	2.54	0.35	Little St Simons
5354	472531	3454102	472072	3454138	1.74	5.30	1.78	0.29	2.63	0.41	Little St Simons
5355	472517	3454054	472070	3454119	1.90	5.10	1.91	0.36	2.72	0.46	Little St Simons
5356	472499	3454007	472068	3454109	1.99	5.04	1.98	0.40	2.75	0.50	Little St Simons
5357	472479	3453962	472067	3454104	2.05	5.08	2.03	0.44	2.76	0.53	Little St Simons
5358	472464	3453914	472063	3454095	2.14	5.20	2.12	0.50	2.79	0.57	Little St Simons
5359	472445	3453868	472024	3453993	2.61	5.89	2.59	0.69	3.11	0.69	Little St Simons
5360	472419	3453825	472021	3453984	2.56	6.16	2.55	0.70	3.02	0.69	Little St Simons
5361	472387	3453787	472018	3453978	2.53	6.43	2.53	0.71	2.97	0.68	Little St Simons
5362	472351	3453752	472014	3453972	2.50	6.55	2.53	0.72	2.93	0.68	Little St Simons
5363	472313	3453719	472011	3453967	2.51	6.72	2.54	0.72	2.92	0.67	Little St Simons
5364	472275	3453686	472008	3453963	2.54	6.81	2.59	0.73	2.95	0.68	Little St Simons
5365	472234	3453658	472005	3453960	2.60	6.96	2.66	0.74	3.00	0.68	Little St Simons
5366	472192	3453631	472001	3453957	2.70	7.11	2.77	0.75	3.12	0.68	Little St Simons
5367	472156	3453596	471997	3453956	2.84	7.30	2.91	0.76	3.26	0.69	Little St Simons
5368	472121	3453561	471981	3453953	3.01	7.17	3.08	0.78	3.43	0.72	Little St Simons
5369	472082	3453529	471962	3453949	3.16	6.98	3.24	0.80	3.59	0.74	Little St Simons
5370	472040	3453503	471938	3453943	3.27	6.46	3.36	0.83	3.70	0.78	Little St Simons
5371	471996	3453480	471906	3453934	3.36	5.82	3.41	0.85	3.75	0.81	Little St Simons
5372	471948	3453463	471856	3453926	3.42	5.01	3.41	0.89	3.72	0.86	Little St Simons
5373	471899	3453454	471816	3453920	3.44	4.79	3.37	0.91	3.65	0.88	Little St Simons
5374	471850	3453449	471774	3453911	3.40	4.87	3.29	0.91	3.50	0.88	Little St Simons
5375	471800	3453448	471733	3453903	3.33	4.87	3.18	0.91	3.33	0.88	Little St Simons
5376	471750	3453451	471699	3453897	3.26	4.81	3.09	0.90	3.20	0.87	Little St Simons
5377	471700	3453458	471674	3453894	3.16	4.76	3.01	0.90	3.14	0.87	Little St Simons
5378	471652	3453470	471654	3453894	3.07	4.57	2.97	0.91	3.12	0.87	Little St Simons
5379	471606	3453489	471639	3453894	2.94	4.12	2.89	0.92	3.04	0.88	Little St Simons
5380	471560	3453508	471613	3453896	2.83	3.66	2.81	0.93	2.96	0.89	Little St Simons
5381	471514	3453529	471581	3453904	2.75	3.10	2.73	0.94	2.88	0.91	Little St Simons
5382	471470	3453552	471545	3453912	2.65	2.19	2.65	0.96	2.79	0.95	Little St Simons
5383	471424	3453572	471503	3453922	2.58	1.24	2.56	0.97	2.71	0.97	Little St Simons
5384	471378	3453592	471464	3453930	2.51	0.83	2.48	0.97	2.63	0.96	Little St Simons
5385	471332	3453612	471431	3453936	2.44	0.80	2.41	0.96	2.57	0.95	Little St Simons
5386	471287	3453633	471387	3453951	2.40	1.04	2.37	0.95	2.55	0.94	Little St Simons
5387	471242	3453654	471359	3453983	2.51	1.50	2.44	0.95	2.63	0.95	Little St Simons
5388	471195	3453673	471297	3453982	2.34	2.79	2.28	0.84	2.61	0.84	Little St Simons
5389	471149	3453691	471189	3454020	2.38	0.99	2.39	0.97	2.50	0.97	Little St Simons
5390	471103	3453712	471072	3454023	2.23	1.89	2.03	0.93	2.13	0.93	Little St Simons
5391	471065	3453744	470987	3454024	2.03	1.18	2.01	0.98	2.03	0.97	Little St Simons
5392	471047	3453789	470944	3454005	1.94	2.34	1.77	0.91	1.59	0.81	Little St Simons
5393	471010	3453820	470916	3453978	0.90	2.53	1.09	0.75	0.87	0.83	Little St Simons
5394	470966	3453844	470908	3453970	0.67	1.75	0.82	0.76	0.67	0.85	Little St Simons
5395	470925	3453873	470895	3453963	0.53	0.92	0.62	0.84	0.56	0.92	Little St Simons
5396	470881	3453896	470871	3453958	0.18	0.93	0.27	0.51	0.15	0.41	Little St Simons
5397	470833	3453908	470834	3453956	0.07	0.81	0.14	0.30	0.08	0.27	Little St Simons
5398	470784	3453918	470792	3453957	0.09	0.32	0.11	0.65	0.12	0.76	Little St Simons
5399	470736	3453931	470749	3453972	0.03	0.60	0.06	0.16	0.04	0.11	Little St Simons
5400	470695	3453960	470710	3453995	0.06	0.58	0.10	0.28	0.11	0.47	Little St Simons
5401	470648	3453973	470671	3454018	-0.09	0.75	-0.03	0.02	0.01	0.00	Little St Simons
5402	470602	3453993	470627	3454038	-0.16	1.03	-0.08	0.05	-0.03	0.02	Little St Simons
5403	470555	3454010	470582	3454060	-0.25	0.99	-0.18	0.21	-0.08	0.12	Little St Simons
5404	470512	3454036	470539	3454085	-0.29	0.87	-0.22	0.35	-0.16	0.39	Little St Simons
5405	470473	3454066	470499	3454109	-0.23	0.78	-0.17	0.27	-0.10	0.23	Little St Simons
5406	470426	3454082	470459	3454132	-0.32	0.87	-0.25	0.41	-0.17	0.40	Little St Simons
5407	470384	3454109	470418	3454158	-0.34	0.85	-0.27	0.46	-0.20	0.51	Little St Simons
5408	470346	3454142	470380	3454188	-0.30	0.99	-0.22	0.31	-0.18	0.42	Little St Simons
5409	470310	3454176	470345	3454216	-0.27	1.05	-0.17	0.21	-0.16	0.37	Little St Simons
5410	470275	3454212	470307	3454245	-0.25	0.91	-0.17	0.27	-0.19	0.53	Little St Simons
5411	470238	3454246	470278	3454278	-0.31	0.93	-0.22	0.40	-0.29	0.72	Little St Simons
5412	470205	3454283	470252	3454313	-0.34	0.71	-0.27	0.64	-0.33	0.87	Little St Simons
5413	470173	3454321	470236	3454357	-0.44	0.70	-0.37	0.77	-0.47	0.91	Little St Simons
5414	470136	3454355	470213	3454393	-0.51	0.59	-0.45	0.88	-0.54	0.95	Little St Simons
5415	470106	3454395	470200	3454429	-0.66	0.69	-0.59	0.90	-0.66	0.96	Little St Simons
5416	470074	3454432	470173	3454470	-0.71	0.67	-0.65	0.92	-0.68	0.96	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5417	470049	3454475	470166	3454521	-0.85	0.73	-0.79	0.94	-0.90	0.97	Little St Simons
5418	470023	3454516	470153	3454558	-0.94	0.71	-0.87	0.95	-0.94	0.98	Little St Simons
5419	470001	3454561	470137	3454605	-0.98	0.78	-0.90	0.94	-0.98	0.97	Little St Simons
5420	469983	3454608	470120	3454661	-1.02	0.71	-0.96	0.96	-1.05	0.98	Little St Simons
5421	469957	3454649	470101	3454712	-1.09	0.87	-1.02	0.94	-1.05	0.97	Little St Simons
5422	469948	3454688	470086	3454745	-1.03	0.82	-0.97	0.95	-0.98	0.97	Little St Simons
5423	469928	3454732	470070	3454785	-1.04	0.82	-0.98	0.94	-0.96	0.97	Little St Simons
5424	469914	3454780	470052	3454819	-0.99	0.80	-0.95	0.93	-0.86	0.95	Little St Simons
5425	469892	3454825	470043	3454868	-1.09	1.14	-1.03	0.88	-0.88	0.91	Little St Simons
5426	469867	3454868	470073	3454914	-1.44	0.72	-1.38	0.98	-1.47	0.99	Little St Simons
5427	469857	3454917	470034	3454959	-1.27	1.24	-1.19	0.89	-1.07	0.93	Little St Simons
5428	469842	3454965	470011	3455012	-1.24	1.09	-1.16	0.90	-1.04	0.94	Little St Simons
5429	469821	3455010	469983	3455082	-1.24	1.02	-1.19	0.90	-0.99	0.92	Little St Simons
5430	469803	3455057	469965	3455132	-1.25	0.90	-1.21	0.91	-1.00	0.93	Little St Simons
5431	469789	3455105	469932	3455185	-1.14	0.98	-1.12	0.88	-0.84	0.88	Little St Simons
5432	469773	3455151	469895	3455228	-1.00	1.23	-0.94	0.80	-0.71	0.81	Little St Simons
5433	469742	3455191	469868	3455274	-1.04	1.24	-0.98	0.80	-0.72	0.80	Little St Simons
5434	469714	3455232	469843	3455309	-1.03	1.19	-0.98	0.78	-0.67	0.74	Little St Simons
5435	469689	3455275	469821	3455352	-1.06	1.33	-1.00	0.77	-0.70	0.75	Little St Simons
5436	469676	3455320	469802	3455393	-1.01	1.24	-0.93	0.77	-0.71	0.74	Little St Simons
5437	469656	3455365	469780	3455438	-0.99	1.39	-0.90	0.76	-0.68	0.77	Little St Simons
5438	469638	3455412	469756	3455479	-0.94	1.50	-0.85	0.77	-0.71	0.81	Little St Simons
5439	469616	3455456	469733	3455517	-0.90	1.34	-0.83	0.80	-0.70	0.84	Little St Simons
5440	469595	3455502	469706	3455562	-0.86	1.00	-0.80	0.85	-0.68	0.89	Little St Simons
5441	469579	3455549	469689	3455607	-0.85	1.06	-0.78	0.86	-0.73	0.91	Little St Simons
5442	469553	3455591	469669	3455648	-0.89	1.08	-0.81	0.85	-0.75	0.91	Little St Simons
5443	469535	3455638	469644	3455690	-0.82	1.11	-0.75	0.84	-0.69	0.89	Little St Simons
5444	469515	3455683	469618	3455740	-0.80	0.95	-0.74	0.84	-0.62	0.88	Little St Simons
5445	469503	3455731	469601	3455784	-0.75	0.93	-0.68	0.82	-0.59	0.88	Little St Simons
5446	469490	3455779	469577	3455827	-0.66	0.93	-0.59	0.77	-0.51	0.85	Little St Simons
5447	469473	3455826	469549	3455867	-0.57	0.72	-0.52	0.77	-0.39	0.79	Little St Simons
5448	469447	3455869	469526	3455910	-0.59	0.91	-0.53	0.68	-0.36	0.66	Little St Simons
5449	469423	3455913	469505	3455953	-0.58	0.95	-0.52	0.62	-0.30	0.50	Little St Simons
5450	469417	3455961	469489	3455997	0.10	1.02	0.06	0.02	-0.12	0.19	Little St Simons
5451	469391	3456003	469470	3456042	-0.55	0.81	-0.53	0.89	-0.44	0.85	Little St Simons
5452	469372	3456049	469444	3456085	-0.52	0.93	-0.45	0.62	-0.30	0.59	Little St Simons
5453	469348	3456093	469416	3456134	-0.49	0.88	-0.44	0.58	-0.23	0.42	Little St Simons
5454	469326	3456138	469391	3456178	-0.36	0.85	-0.32	0.43	-0.09	0.10	Little St Simons
5455	469302	3456182	469370	3456219	-0.29	1.05	-0.24	0.24	-0.01	0.00	Little St Simons
5456	469285	3456228	469340	3456260	-0.25	0.99	-0.18	0.22	-0.07	0.09	Little St Simons
5457	469276	3456277	469321	3456303	-0.09	0.52	-0.13	0.50	-0.17	0.49	Little St Simons
5458	469260	3456324	469304	3456348	NA	NA	NA	0.00	NA	0.00	Little St Simons
5459	469236	3456368	469264	3456380	-0.13	0.55	-0.08	0.20	-0.10	0.48	Little St Simons
5460	469210	3456411	469240	3456427	-0.13	0.55	-0.08	0.20	-0.07	0.27	Little St Simons
5461	469189	3456456	469219	3456471	-0.09	0.46	-0.05	0.11	-0.04	0.12	Little St Simons
5462	469160	3456496	469191	3456514	-0.07	0.76	-0.02	0.01	-0.03	0.04	Little St Simons
5463	469134	3456539	469162	3456556	0.05	0.60	0.09	0.27	0.04	0.08	Little St Simons
5464	469100	3456574	469135	3456602	-0.13	0.89	-0.07	0.06	-0.03	0.03	Little St Simons
5465	469067	3456611	469099	3456640	-0.12	0.88	-0.07	0.08	-0.04	0.04	Little St Simons
5466	469034	3456649	469062	3456678	-0.08	0.83	-0.04	0.03	0.01	0.00	Little St Simons
5467	469004	3456689	469025	3456712	-0.05	0.68	-0.01	0.00	-0.01	0.00	Little St Simons
5468	468966	3456721	468987	3456745	-0.02	0.51	0.03	0.03	0.02	0.03	Little St Simons
5469	468926	3456751	468948	3456781	0.00	0.78	0.06	0.07	0.03	0.03	Little St Simons
5470	468883	3456776	468907	3456814	0.03	0.77	0.09	0.14	0.09	0.24	Little St Simons
5471	468840	3456801	468862	3456840	0.07	0.70	0.14	0.29	0.11	0.39	Little St Simons
5472	468796	3456826	468813	3456859	0.13	23.26	0.13	0.45	0.11	0.50	Little St Simons
5473	468749	3456841	468766	3456880	0.16	45.31	0.14	0.39	0.10	0.39	Little St Simons
5474	468702	3456858	468721	3456900	0.15	40.67	0.15	0.45	0.07	0.27	Little St Simons
5475	468655	3456874	468674	3456916	0.15	44.22	0.15	0.43	0.06	0.17	Little St Simons
5476	468608	3456892	468628	3456937	0.11	57.10	0.08	0.13	0.02	0.02	Little St Simons
5477	468560	3456907	468583	3456957	0.05	41.29	0.04	0.03	0.00	0.00	Little St Simons
5478	468516	3456929	468541	3456975	0.05	39.81	0.04	0.02	0.02	0.01	Little St Simons
5479	468474	3456957	468501	3456993	-0.02	12.13	0.02	0.01	-0.02	0.01	Little St Simons
5480	468442	3456995	468467	3457020	-0.10	6.21	-0.07	0.13	-0.10	0.36	Little St Simons
5481	468404	3457027	468442	3457053	-0.23	17.94	-0.20	0.55	-0.25	0.78	Little St Simons
5482	468374	3457066	468419	3457088	-0.30	0.58	-0.25	0.70	-0.27	0.84	Little St Simons
5483	468347	3457108	468408	3457127	-0.39	0.42	-0.36	0.90	-0.39	0.96	Little St Simons
5484	468322	3457151	468401	3457167	-0.52	0.45	-0.48	0.93	-0.50	0.97	Little St Simons
5485	468314	3457201	468392	3457208	-0.50	0.50	-0.46	0.87	-0.41	0.92	Little St Simons
5486	468310	3457250	468392	3457251	-0.53	0.70	-0.48	0.77	-0.38	0.81	Little St Simons
5487	468320	3457299	468395	3457292	-0.48	0.65	-0.44	0.73	-0.30	0.70	Little St Simons
5488	468331	3457348	468403	3457337	-0.46	0.52	-0.43	0.82	-0.33	0.83	Little St Simons
5489	468348	3457395	468412	3457382	-0.41	0.66	-0.39	0.84	-0.32	0.85	Little St Simons
5490	468372	3457439	468421	3457425	-0.30	0.53	-0.27	0.72	-0.21	0.77	Little St Simons
5491	468396	3457482	468437	3457469	-0.21	0.46	-0.19	0.59	-0.10	0.40	Little St Simons
5492	468418	3457527	468457	3457513	-0.18	0.46	-0.16	0.48	-0.05	0.10	Little St Simons
5493	468440	3457572	468480	3457557	-0.16	0.49	-0.15	0.39	-0.01	0.00	Little St Simons
5494	468462	3457617	468502	3457600	-0.15	0.60	-0.14	0.29	0.01	0.00	Little St Simons
5495	468483	3457662	468517	3457648	-0.14	0.40	-0.13	0.36	-0.01	0.01	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5496	468505	3457708	468543	3457693	-0.14	0.52	-0.13	0.30	0.02	0.01	Little St Simons
5497	468525	3457753	468566	3457736	-0.16	0.56	-0.15	0.35	-0.01	0.00	Little St Simons
5498	468546	3457799	468589	3457783	-0.18	0.68	-0.15	0.30	-0.03	0.02	Little St Simons
5499	468567	3457844	468606	3457832	-0.19	0.74	-0.15	0.29	-0.07	0.16	Little St Simons
5500	468586	3457890	468622	3457878	-0.12	0.83	-0.08	0.09	0.01	0.00	Little St Simons
5501	468598	3457939	468636	3457928	-0.11	0.84	-0.06	0.05	0.03	0.03	Little St Simons
5502	468611	3457987	468646	3457979	-0.09	0.72	-0.04	0.03	0.05	0.08	Little St Simons
5503	468622	3458036	468660	3458027	-0.09	0.72	-0.03	0.02	0.02	0.02	Little St Simons
5504	468635	3458084	468669	3458076	-0.05	0.61	-0.01	0.00	0.03	0.06	Little St Simons
5505	468645	3458133	468678	3458124	0.03	0.57	0.07	0.12	0.13	0.50	Little St Simons
5506	468654	3458182	468688	3458170	0.16	0.43	0.17	0.51	0.28	0.81	Little St Simons
5507	468656	3458232	468700	3458205	0.31	0.44	0.31	0.71	0.47	0.88	Little St Simons
5508	468666	3458279	468720	3458243	0.40	0.55	0.39	0.76	0.59	0.89	Little St Simons
5509	468708	3458305	468762	3458262	NA	NA	NA	0.00	NA	0.00	Little St Simons
5512	468817	3458405	468846	3458396	0.01	0.67	-0.04	0.06	-0.09	0.13	Little St Simons
5513	468821	3458455	468861	3458444	-0.03	0.86	0.02	0.00	0.10	0.23	Little St Simons
5514	468826	3458505	468868	3458498	-0.12	0.97	-0.04	0.03	-0.02	0.02	Little St Simons
5515	468828	3458555	468872	3458549	-0.17	1.07	-0.08	0.07	-0.09	0.19	Little St Simons
5516	468834	3458604	468878	3458598	-0.19	1.03	-0.10	0.10	-0.08	0.15	Little St Simons
5517	468840	3458654	468886	3458643	-0.22	1.11	-0.13	0.13	-0.09	0.16	Little St Simons
5518	468849	3458703	468894	3458682	-0.24	1.15	-0.16	0.18	-0.08	0.11	Little St Simons
5519	468863	3458751	468904	3458714	-0.25	1.19	-0.17	0.18	-0.05	0.04	Little St Simons
5520	468885	3458796	468921	3458733	-0.44	0.90	-0.37	0.61	-0.31	0.72	Little St Simons
5521	468926	3458822	468941	3458731	-0.61	0.90	-0.53	0.76	-0.49	0.87	Little St Simons
5522	468976	3458818	468966	3458727	-0.61	1.09	-0.55	0.70	-0.38	0.65	Little St Simons
5523	469022	3458800	469003	3458714	-0.55	0.81	-0.54	0.71	-0.28	0.47	Little St Simons
5524	469068	3458779	469043	3458698	-0.51	0.85	-0.48	0.66	-0.25	0.44	Little St Simons
5525	469110	3458753	469083	3458684	-0.42	0.82	-0.40	0.62	-0.18	0.30	Little St Simons
5526	469154	3458732	469133	3458672	-0.40	0.47	-0.38	0.76	-0.25	0.70	Little St Simons
5527	469202	3458716	469173	3458647	-0.48	0.61	-0.45	0.85	-0.36	0.85	Little St Simons
5528	469250	3458703	469212	3458623	-0.58	0.69	-0.57	0.90	-0.45	0.88	Little St Simons
5529	469298	3458689	469261	3458603	-0.62	0.59	-0.61	0.96	-0.54	0.95	Little St Simons
5530	469345	3458674	469310	3458583	-0.65	0.26	-0.63	0.99	-0.65	1.00	Little St Simons
5531	469394	3458661	469359	3458570	-0.65	0.12	-0.65	1.00	-0.64	1.00	Little St Simons
5532	469442	3458650	469415	3458551	-0.68	0.64	-0.69	0.97	-0.63	0.96	Little St Simons
5533	469492	3458643	469470	3458541	-0.70	0.41	-0.70	0.98	-0.64	0.98	Little St Simons
5534	469542	3458639	469520	3458530	-0.75	0.25	-0.74	0.99	-0.69	0.99	Little St Simons
5535	469592	3458635	469578	3458524	-0.76	0.50	-0.75	0.97	-0.66	0.96	Little St Simons
5536	469641	3458632	469631	3458517	-0.78	0.47	-0.77	0.97	-0.69	0.97	Little St Simons
5537	469691	3458637	469683	3458512	-0.85	0.50	-0.85	0.97	-0.75	0.97	Little St Simons
5538	469741	3458641	469737	3458509	-0.90	0.66	-0.90	0.96	-0.77	0.95	Little St Simons
5539	469791	3458640	469781	3458508	-0.90	1.02	-0.86	0.89	-0.73	0.91	Little St Simons
5540	469839	3458628	469812	3458509	-0.82	1.60	-0.71	0.69	-0.59	0.77	Little St Simons
5541	469882	3458603	469858	3458506	-0.57	1.31	-0.49	0.48	-0.21	0.23	Little St Simons
5544	470010	3458621	470042	3458448	-1.71	0.00	-1.71	0.00	-1.71	0.00	Little St Simons
5545	470053	3458645	470128	3458498	-1.15	0.90	-1.17	0.97	-1.18	0.98	Little St Simons
5546	470090	3458680	470189	3458548	-1.15	1.06	-1.17	0.97	-1.08	0.96	Little St Simons
5547	470127	3458713	470239	3458599	-1.10	1.04	-1.12	0.96	-1.00	0.95	Little St Simons
5548	470167	3458743	470281	3458643	-1.06	0.84	-1.05	0.97	-0.99	0.97	Little St Simons
5549	470206	3458774	470322	3458684	-1.01	0.84	-0.98	0.97	-0.96	0.98	Little St Simons
5550	470243	3458808	470354	3458736	-0.90	0.89	-0.89	0.95	-0.79	0.95	Little St Simons
5551	470279	3458842	470376	3458792	-0.73	0.48	-0.72	0.94	-0.59	0.94	Little St Simons
5552	470315	3458877	470401	3458838	-0.62	0.54	-0.60	0.89	-0.46	0.88	Little St Simons
5553	470345	3458917	470419	3458886	-0.51	0.75	-0.47	0.76	-0.35	0.77	Little St Simons
5554	470370	3458960	470430	3458935	-0.41	0.63	-0.37	0.70	-0.26	0.68	Little St Simons
5555	470391	3459005	470452	3458983	-0.38	0.76	-0.35	0.59	-0.18	0.39	Little St Simons
5556	470402	3459054	470472	3459034	-0.44	1.04	-0.39	0.56	-0.22	0.43	Little St Simons
5557	470414	3459102	470475	3459093	-0.32	0.77	-0.27	0.44	-0.12	0.24	Little St Simons
5558	470426	3459151	470486	3459144	-0.36	0.70	-0.33	0.62	-0.19	0.49	Little St Simons
5559	470441	3459198	470496	3459195	-0.30	0.99	-0.25	0.45	-0.17	0.42	Little St Simons
5560	470440	3459244	470490	3459241	0.05	1.23	0.09	0.02	-0.12	0.17	Little St Simons
5562	470453	3459337	470509	3459335	NA	NA	NA	0.00	NA	0.00	Little St Simons
5563	470444	3459387	470506	3459391	-0.13	0.84	-0.18	0.23	-0.20	0.20	Little St Simons
5564	470433	3459435	470488	3459447	-0.33	1.16	-0.25	0.38	-0.18	0.40	Little St Simons
5565	470422	3459484	470479	3459503	-0.37	1.28	-0.29	0.43	-0.28	0.62	Little St Simons
5566	470410	3459533	470457	3459552	-0.28	1.21	-0.21	0.31	-0.18	0.42	Little St Simons
5567	470397	3459581	470437	3459599	-0.23	0.96	-0.16	0.27	-0.19	0.61	Little St Simons
5568	470380	3459628	470415	3459642	-0.19	0.80	-0.13	0.23	-0.14	0.50	Little St Simons
5569	470360	3459673	470396	3459683	-0.18	0.87	-0.11	0.16	-0.10	0.29	Little St Simons
5570	470337	3459718	470377	3459728	-0.15	0.86	-0.07	0.07	-0.08	0.22	Little St Simons
5571	470330	3459767	470377	3459779	-0.26	0.00	-0.26	0.00	-0.26	0.00	Little St Simons
5572	470304	3459810	470347	3459822	-0.11	0.90	-0.03	0.01	-0.05	0.07	Little St Simons
5573	470284	3459855	470328	3459871	-0.11	0.96	-0.03	0.01	-0.04	0.04	Little St Simons
5574	470265	3459901	470303	3459922	-0.07	0.80	0.00	0.00	-0.02	0.02	Little St Simons
5575	470243	3459946	470274	3459965	-0.07	0.74	0.00	0.00	-0.05	0.15	Little St Simons
5576	470220	3459991	470250	3460008	-0.07	0.69	0.00	0.00	-0.08	0.30	Little St Simons
5577	470196	3460035	470225	3460051	-0.03	0.70	0.03	0.02	-0.04	0.13	Little St Simons
5578	470177	3460081	470203	3460096	-0.03	0.55	0.03	0.03	-0.07	0.28	Little St Simons
5579	470156	3460126	470179	3460140	-0.01	0.46	0.03	0.05	-0.05	0.25	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5580	470134	3460171	470154	3460184	0.03	0.34	0.05	0.25	-0.01	0.02	Little St Simons
5581	470108	3460214	470127	3460230	-0.08	0.39	-0.04	0.13	-0.09	0.62	Little St Simons
5582	470077	3460252	470097	3460270	-0.12	0.44	-0.08	0.35	-0.13	0.77	Little St Simons
5583	470035	3460280	470058	3460301	-0.06	0.52	-0.01	0.00	-0.10	0.51	Little St Simons
5584	469993	3460307	470019	3460328	-0.01	0.58	0.05	0.08	-0.02	0.03	Little St Simons
5585	469959	3460344	469987	3460361	-0.04	0.58	0.01	0.01	-0.03	0.07	Little St Simons
5586	469939	3460389	469970	3460399	-0.17	0.57	-0.11	0.31	-0.15	0.66	Little St Simons
5587	469914	3460433	469958	3460439	-0.25	0.58	-0.20	0.54	-0.19	0.72	Little St Simons
5588	469902	3460480	469958	3460479	-0.34	0.65	-0.28	0.66	-0.27	0.82	Little St Simons
5589	469904	3460530	469965	3460522	-0.38	0.75	-0.31	0.64	-0.32	0.83	Little St Simons
5590	469909	3460579	469974	3460567	-0.41	0.82	-0.34	0.63	-0.31	0.78	Little St Simons
5591	469915	3460629	469984	3460610	-0.46	0.87	-0.39	0.65	-0.33	0.77	Little St Simons
5592	469932	3460675	469993	3460666	-0.37	0.77	-0.31	0.61	-0.27	0.74	Little St Simons
5593	469939	3460724	470012	3460715	-0.03	1.31	-0.07	0.02	-0.09	0.15	Little St Simons
5594	469943	3460774	470049	3460767	-0.58	0.00	-0.58	0.00	-0.58	0.00	Little St Simons
5595	469939	3460823	470013	3460816	-0.48	0.52	-0.45	0.81	-0.32	0.79	Little St Simons
5596	469939	3460873	470014	3460881	-0.49	0.63	-0.45	0.76	-0.31	0.71	Little St Simons
5597	469938	3460923	470021	3460931	-0.49	0.66	-0.47	0.66	-0.22	0.38	Little St Simons
5598	469943	3460973	470035	3460988	-0.60	0.00	-0.60	0.00	-0.60	0.00	Little St Simons
5601	469913	3461111	469958	3461130	0.03	1.16	0.13	0.08	0.04	0.04	Little St Simons
5602	469885	3461150	469936	3461174	-0.29	0.89	-0.24	0.35	-0.09	0.13	Little St Simons
5603	469869	3461198	469910	3461219	-0.19	0.71	-0.13	0.21	-0.04	0.06	Little St Simons
5604	469850	3461244	469883	3461264	-0.09	0.69	-0.04	0.03	0.01	0.01	Little St Simons
5605	469821	3461284	469858	3461309	-0.07	0.76	-0.01	0.00	0.07	0.12	Little St Simons
5606	469791	3461324	469828	3461351	-0.05	0.81	0.02	0.00	0.04	0.06	Little St Simons
5607	469755	3461359	469799	3461386	0.01	0.87	0.09	0.10	0.10	0.26	Little St Simons
5608	469750	3461406	469776	3461428	NA	NA	NA	0.00	NA	0.00	Little St Simons
5609	469718	3461443	469786	3461501	0.42	0.76	0.45	0.71	0.18	0.24	Little St Simons
5610	469679	3461473	469728	3461529	0.26	0.85	0.35	0.52	0.00	0.00	Little St Simons
5611	469643	3461508	469684	3461562	0.07	1.38	0.20	0.21	0.06	0.04	Little St Simons
5612	469611	3461545	469630	3461585	NA	NA	NA	0.00	NA	0.00	Little St Simons
5613	469566	3461563	469584	3461601	-0.13	0.80	-0.06	0.06	0.00	0.00	Little St Simons
5614	469522	3461587	469534	3461622	-0.07	0.69	-0.02	0.01	0.01	0.01	Little St Simons
5615	469476	3461606	469490	3461639	-0.05	0.63	0.01	0.00	0.00	0.00	Little St Simons
5616	469428	3461621	469444	3461656	-0.06	0.81	0.01	0.00	-0.01	0.00	Little St Simons
5617	469380	3461636	469400	3461674	-0.09	0.95	0.00	0.00	-0.09	0.23	Little St Simons
5618	469336	3461659	469361	3461696	-0.15	0.89	-0.07	0.07	-0.18	0.57	Little St Simons
5619	469291	3461680	469321	3461717	-0.24	0.83	-0.16	0.29	-0.33	0.77	Little St Simons
5620	469243	3461696	469296	3461749	-0.47	1.06	-0.36	0.53	-0.65	0.86	Little St Simons
5621	469195	3461707	469272	3461773	-0.67	1.10	-0.56	0.72	-0.85	0.91	Little St Simons
5622	469145	3461716	469250	3461802	-0.92	0.76	-0.84	0.92	-1.04	0.97	Little St Simons
5623	469101	3461734	469217	3461841	-1.09	0.32	-1.06	0.99	-1.11	1.00	Little St Simons
5624	469106	3461781	469193	3461865	-0.79	0.56	-0.73	0.96	-0.80	0.98	Little St Simons
5625	469085	3461795	469169	3461887	-0.74	0.53	-0.69	0.96	-0.76	0.98	Little St Simons
5626	469046	3461783	469144	3461909	-1.09	0.81	-1.04	0.92	-0.90	0.94	Little St Simons
5627	469026	3461829	469104	3461939	-0.93	0.72	-0.87	0.92	-0.81	0.96	Little St Simons
5628	468998	3461870	469061	3461967	-0.78	0.50	-0.73	0.96	-0.73	0.98	Little St Simons
5629	468969	3461910	469017	3461990	-0.62	0.37	-0.58	0.96	-0.58	0.98	Little St Simons
5630	468934	3461946	468975	3462017	-0.53	0.47	-0.49	0.92	-0.48	0.96	Little St Simons
5631	468898	3461981	468933	3462043	-0.45	0.50	-0.41	0.89	-0.40	0.95	Little St Simons
5632	468860	3462013	468891	3462070	-0.40	0.39	-0.37	0.91	-0.39	0.96	Little St Simons
5633	468818	3462041	468839	3462092	-0.34	0.45	-0.29	0.83	-0.32	0.93	Little St Simons
5634	468775	3462065	468788	3462109	-0.27	0.37	-0.23	0.82	-0.26	0.92	Little St Simons
5635	468728	3462084	468737	3462126	-0.24	0.36	-0.21	0.82	-0.28	0.94	Little St Simons
5636	468682	3462101	468685	3462133	-0.16	0.47	-0.12	0.47	-0.20	0.85	Little St Simons
5637	468632	3462106	468633	3462135	-0.10	0.51	-0.06	0.18	-0.13	0.71	Little St Simons
5638	468582	3462110	468583	3462136	-0.03	0.46	0.01	0.01	-0.06	0.37	Little St Simons
5639	468532	3462110	468533	3462137	-0.01	0.47	0.03	0.06	-0.04	0.15	Little St Simons
5640	468482	3462109	468481	3462137	0.04	0.40	0.08	0.35	0.03	0.10	Little St Simons
5641	468432	3462104	468431	3462139	0.11	0.47	0.16	0.59	0.09	0.44	Little St Simons
5642	468383	3462099	468380	3462138	0.14	0.46	0.19	0.68	0.12	0.61	Little St Simons
5643	468333	3462093	468329	3462131	0.15	0.44	0.19	0.69	0.09	0.36	Little St Simons
5644	468283	3462090	468277	3462123	0.14	0.36	0.17	0.76	0.09	0.48	Little St Simons
5645	468233	3462084	468231	3462115	0.14	0.27	0.16	0.82	0.09	0.57	Little St Simons
5646	468184	3462080	468185	3462106	0.08	0.21	0.09	0.54	0.00	0.00	Little St Simons
5647	468134	3462081	468140	3462109	-0.07	0.39	-0.03	0.05	-0.14	0.68	Little St Simons
5648	468086	3462093	468100	3462129	-0.21	0.53	-0.16	0.55	-0.24	0.86	Little St Simons
5649	468041	3462115	468064	3462152	-0.25	0.67	-0.18	0.47	-0.24	0.80	Little St Simons
5650	468001	3462145	468026	3462179	-0.24	0.64	-0.17	0.48	-0.24	0.82	Little St Simons
5651	467966	3462181	467988	3462208	-0.18	0.58	-0.12	0.36	-0.20	0.73	Little St Simons
5652	467932	3462217	467950	3462242	-0.16	0.48	-0.11	0.39	-0.17	0.76	Little St Simons
5653	467897	3462253	467914	3462276	-0.15	0.41	-0.10	0.43	-0.17	0.80	Little St Simons
5654	467855	3462278	467879	3462315	-0.17	0.84	-0.09	0.13	-0.21	0.67	Little St Simons
5655	467817	3462311	467833	3462341	-0.07	0.67	0.00	0.00	-0.08	0.27	Little St Simons
5656	467777	3462341	467791	3462371	-0.05	0.64	0.01	0.00	-0.06	0.20	Little St Simons
5657	467735	3462367	467749	3462402	-0.07	0.69	0.00	0.00	-0.03	0.07	Little St Simons
5658	467690	3462388	467701	3462421	-0.03	0.66	0.03	0.03	-0.02	0.02	Little St Simons
5659	467642	3462404	467653	3462438	-0.02	0.72	0.05	0.05	-0.03	0.04	Little St Simons
5660	467593	3462414	467607	3462447	0.04	0.71	0.10	0.24	0.04	0.11	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5661	467545	3462425	467565	3462461	0.04	0.69	0.12	0.24	-0.03	0.04	Little St Simons
5662	467503	3462453	467527	3462484	-0.08	0.65	-0.01	0.00	-0.20	0.58	Little St Simons
5663	467467	3462486	467499	3462518	-0.26	0.65	-0.20	0.53	-0.32	0.86	Little St Simons
5664	467424	3462511	467477	3462550	-0.41	0.60	-0.35	0.80	-0.42	0.93	Little St Simons
5665	467386	3462544	467455	3462582	-0.51	0.72	-0.45	0.82	-0.48	0.92	Little St Simons
5666	467356	3462584	467429	3462627	-0.55	0.61	-0.50	0.88	-0.52	0.96	Little St Simons
5667	467343	3462632	467412	3462679	NA	NA	NA	0.00	NA	0.00	Little St Simons
5669	467270	3462690	467324	3462750	-0.52	0.62	-0.47	0.90	-0.49	0.96	Little St Simons
5670	467225	3462711	467271	3462778	-0.51	0.35	-0.48	0.96	-0.50	0.99	Little St Simons
5671	467180	3462733	467222	3462801	-0.48	0.39	-0.45	0.94	-0.51	0.98	Little St Simons
5672	467135	3462754	467169	3462823	-0.50	0.53	-0.46	0.91	-0.53	0.97	Little St Simons
5673	467101	3462788	467121	3462846	-0.98	0.00	-0.98	0.00	-0.98	0.00	Little St Simons
5675	467006	3462796	467018	3462862	-0.42	0.49	-0.38	0.90	-0.46	0.97	Little St Simons
5676	466960	3462815	466964	3462865	-0.30	0.29	-0.27	0.83	-0.39	0.93	Little St Simons
5677	466911	3462822	466914	3462869	-0.28	0.23	-0.25	0.91	-0.33	0.95	Little St Simons
5678	466861	3462823	466864	3462878	-0.33	0.28	-0.30	0.93	-0.36	0.98	Little St Simons
5679	466811	3462827	466814	3462881	-0.33	0.31	-0.30	0.93	-0.33	0.98	Little St Simons
5680	466761	3462832	466763	3462883	-0.31	0.40	-0.29	0.91	-0.28	0.95	Little St Simons
5681	466712	3462837	466712	3462886	-0.29	0.37	-0.26	0.87	-0.28	0.96	Little St Simons
5682	466662	3462841	466662	3462886	-0.27	0.40	-0.23	0.80	-0.26	0.93	Little St Simons
5683	466612	3462841	466612	3462886	-0.26	0.39	-0.22	0.79	-0.25	0.93	Little St Simons
5684	466562	3462845	466566	3462884	-0.21	0.39	-0.17	0.72	-0.21	0.90	Little St Simons
5685	466512	3462852	466516	3462881	-0.14	0.32	-0.11	0.58	-0.15	0.86	Little St Simons
5686	466465	3462867	466471	3462900	-0.70	0.00	-0.70	0.00	-0.70	0.00	Little St Simons
5687	466419	3462870	466431	3462907	NA	NA	NA	0.00	NA	0.00	Little St Simons
5688	466369	3462869	466387	3462902	-0.13	0.48	-0.12	0.41	-0.21	0.80	Little St Simons
5689	466321	3462881	466346	3462921	-0.22	0.43	-0.19	0.44	-0.40	0.83	Little St Simons
5690	466272	3462892	466319	3462952	-0.48	0.66	-0.41	0.76	-0.63	0.91	Little St Simons
5691	466229	3462916	466283	3462997	-0.64	0.58	-0.58	0.93	-0.66	0.98	Little St Simons
5692	466192	3462950	466236	3463031	-0.59	0.47	-0.55	0.94	-0.57	0.98	Little St Simons
5693	466158	3462986	466184	3463066	-0.55	0.95	-0.50	0.84	-0.48	0.90	Little St Simons
5694	466121	3463021	466134	3463064	-0.26	0.45	-0.24	0.83	-0.22	0.89	Little St Simons
5695	466081	3463048	466086	3463074	-0.12	0.28	-0.11	0.79	-0.13	0.90	Little St Simons
5696	466032	3463062	466050	3463120	-0.19	0.88	-0.15	0.39	-0.16	0.57	Little St Simons
5697	465983	3463055	465985	3463086	-0.07	0.57	-0.08	0.24	-0.12	0.55	Little St Simons
5698	465934	3463056	465928	3463085	-0.61	0.00	-0.61	0.00	-0.61	0.00	Little St Simons
5700	465882	3462975	465850	3463004	-0.16	0.37	-0.16	0.58	-0.25	0.86	Little St Simons
5701	465861	3462930	465831	3462944	-0.08	0.49	-0.11	0.38	-0.12	0.58	Little St Simons
5702	465844	3462883	465812	3462898	-0.10	0.55	-0.14	0.44	-0.15	0.63	Little St Simons
5703	465828	3462835	465796	3462856	-0.14	0.50	-0.17	0.55	-0.20	0.77	Little St Simons
5704	465818	3462787	465783	3462818	-0.26	0.36	-0.29	0.84	-0.32	0.94	Little St Simons
5705	465796	3462742	465758	3462793	-0.34	0.46	-0.34	0.64	-0.56	0.87	Little St Simons
5706	465750	3462730	465725	3462783	-0.35	0.79	-0.33	0.72	-0.46	0.90	Little St Simons
5707	465700	3462724	465687	3462778	-0.33	0.55	-0.31	0.84	-0.39	0.94	Little St Simons
5708	465650	3462723	465638	3462768	-0.27	0.53	-0.25	0.84	-0.29	0.92	Little St Simons
5709	465601	3462715	465580	3462769	-0.35	0.78	-0.31	0.72	-0.44	0.90	Little St Simons
5710	465553	3462703	465536	3462731	-0.15	0.58	-0.17	0.68	-0.12	0.54	Little St Simons
5711	465511	3462677	465495	3462697	-0.08	0.40	-0.09	0.52	-0.04	0.18	Little St Simons
5712	465480	3462638	465460	3462653	-0.11	0.19	-0.12	0.88	-0.09	0.80	Little St Simons
5713	465451	3462597	465433	3462609	-0.07	0.19	-0.08	0.69	-0.08	0.84	Little St Simons
5714	465432	3462551	465409	3462563	-0.10	0.26	-0.12	0.70	-0.13	0.87	Little St Simons
5715	465416	3462504	465389	3462515	-0.14	0.22	-0.16	0.87	-0.15	0.92	Little St Simons
5716	465402	3462456	465375	3462473	-0.13	0.35	-0.16	0.64	-0.19	0.84	Little St Simons
5717	465390	3462407	465363	3462436	-0.14	0.49	-0.18	0.54	-0.22	0.79	Little St Simons
5718	465371	3462362	465348	3462412	-0.22	0.54	-0.22	0.45	-0.40	0.82	Little St Simons
5719	465327	3462344	465320	3462418	-0.45	1.21	-0.40	0.61	-0.62	0.87	Little St Simons
5720	465279	3462345	465295	3462429	-0.56	0.71	-0.52	0.90	-0.61	0.96	Little St Simons
5721	465238	3462373	465263	3462446	-0.49	0.79	-0.47	0.90	-0.49	0.94	Little St Simons
5722	465200	3462405	465220	3462463	-0.37	0.89	-0.34	0.77	-0.35	0.86	Little St Simons
5723	465162	3462438	465174	3462475	-0.21	0.82	-0.17	0.45	-0.24	0.77	Little St Simons
5724	465114	3462449	465123	3462480	-0.04	0.90	-0.01	0.00	-0.08	0.24	Little St Simons
5725	465065	3462458	465072	3462486	0.02	0.66	0.04	0.09	0.00	0.00	Little St Simons
5726	465016	3462464	465021	3462491	-0.02	0.55	0.03	0.04	-0.03	0.09	Little St Simons
5727	464966	3462470	464973	3462507	-0.11	0.92	-0.09	0.15	-0.04	0.05	Little St Simons
5728	464916	3462475	464923	3462510	-0.07	0.82	-0.03	0.03	-0.03	0.04	Little St Simons
5729	464867	3462483	464875	3462512	0.00	0.65	0.05	0.08	-0.03	0.06	Little St Simons
5730	464818	3462492	464834	3462528	0.03	0.84	0.09	0.17	-0.01	0.00	Little St Simons
5731	464775	3462516	464797	3462544	0.07	0.55	0.13	0.40	0.05	0.21	Little St Simons
5732	464741	3462553	464762	3462573	-0.02	0.54	0.03	0.04	-0.03	0.11	Little St Simons
5733	464722	3462598	464748	3462617	-0.13	0.66	-0.09	0.31	-0.11	0.57	Little St Simons
5734	464696	3462640	464741	3462664	-0.06	0.36	-0.03	0.10	-0.05	0.47	Little St Simons
5735	464674	3462685	464696	3462696	-0.11	0.40	-0.07	0.28	-0.08	0.53	Little St Simons
5736	464654	3462731	464676	3462743	-0.08	0.39	-0.05	0.16	-0.10	0.67	Little St Simons
5737	464630	3462775	464655	3462786	-0.06	0.40	-0.02	0.04	-0.11	0.63	Little St Simons
5738	464605	3462818	464634	3462830	-0.09	0.45	-0.05	0.09	-0.17	0.70	Little St Simons
5739	464580	3462861	464613	3462878	-0.19	0.55	-0.14	0.40	-0.28	0.83	Little St Simons
5740	464551	3462902	464594	3462928	-0.30	0.36	-0.26	0.72	-0.43	0.90	Little St Simons
5741	464525	3462944	464566	3462978	-0.31	0.44	-0.27	0.81	-0.34	0.93	Little St Simons
5742	464502	3462988	464528	3463021	-0.24	0.48	-0.19	0.68	-0.24	0.90	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5743	464470	3463027	464481	3463053	-0.13	0.60	-0.11	0.46	-0.12	0.58	Little St Simons
5744	464426	3463049	464430	3463073	-0.03	0.61	-0.02	0.02	-0.07	0.32	Little St Simons
5745	464376	3463045	464371	3463070	-0.04	0.53	-0.02	0.01	-0.10	0.51	Little St Simons
5747	464299	3463001	464284	3463012	-0.01	0.42	-0.01	0.01	0.02	0.06	Little St Simons
5748	464282	3462954	464268	3462959	-0.03	0.05	-0.03	0.78	-0.03	0.88	Little St Simons
5749	464276	3462905	464256	3462907	0.04	0.22	0.02	0.06	0.07	0.66	Little St Simons
5750	464275	3462855	464260	3462856	-0.01	0.08	-0.02	0.18	0.02	0.27	Little St Simons
5751	464282	3462806	464264	3462808	0.04	0.09	0.04	0.46	0.00	0.00	Little St Simons
5752	464286	3462756	464260	3462762	0.11	0.17	0.12	0.74	0.06	0.55	Little St Simons
5753	464281	3462707	464246	3462722	0.20	0.32	0.21	0.74	0.12	0.59	Little St Simons
5754	464259	3462662	464226	3462683	0.18	0.26	0.20	0.65	0.06	0.18	Little St Simons
5755	464227	3462624	464197	3462647	0.15	0.31	0.17	0.61	0.04	0.12	Little St Simons
5756	464188	3462593	464164	3462613	0.12	0.18	0.13	0.56	0.02	0.04	Little St Simons
5757	464150	3462561	464130	3462579	0.07	0.23	0.06	0.24	-0.03	0.08	Little St Simons
5758	464115	3462525	464101	3462539	0.05	0.11	0.05	0.43	-0.01	0.01	Little St Simons
5759	464086	3462484	464067	3462505	0.06	0.29	0.09	0.47	0.01	0.01	Little St Simons
5760	464060	3462442	464033	3462477	0.11	0.63	0.16	0.45	0.03	0.05	Little St Simons
5761	464017	3462418	464000	3462452	0.13	0.36	0.16	0.66	0.06	0.34	Little St Simons
5762	463971	3462398	463962	3462433	0.05	0.52	0.10	0.26	-0.05	0.12	Little St Simons
5763	463922	3462401	463916	3462426	-0.02	0.34	0.02	0.02	-0.09	0.47	Little St Simons
5764	463872	3462407	463867	3462433	0.04	0.26	0.06	0.22	-0.06	0.22	Little St Simons
5766	463785	3462376	463771	3462400	0.05	0.29	0.08	0.31	-0.04	0.13	Little St Simons
5767	463744	3462348	463720	3462370	-0.02	0.40	-0.04	0.05	-0.16	0.56	Little St Simons
5768	463712	3462310	463680	3462327	-0.11	0.49	-0.15	0.45	-0.18	0.75	Little St Simons
5769	463696	3462263	463665	3462271	-0.13	0.25	-0.15	0.83	-0.11	0.87	Little St Simons
5770	463686	3462214	463666	3462214	-0.06	0.30	-0.06	0.50	-0.08	0.70	Little St Simons
5771	463691	3462165	463667	3462160	-0.05	0.32	-0.07	0.44	-0.03	0.26	Little St Simons
5772	463704	3462116	463681	3462109	-0.07	0.20	-0.09	0.70	-0.05	0.66	Little St Simons
5773	463724	3462071	463706	3462061	-0.07	0.20	-0.07	0.68	-0.04	0.60	Little St Simons
5774	463754	3462032	463731	3462015	-0.10	0.31	-0.11	0.64	-0.06	0.43	Little St Simons
5775	463790	3461997	463763	3461977	-0.12	0.44	-0.14	0.59	-0.06	0.31	Little St Simons
5776	463819	3461956	463801	3461944	-0.04	0.24	-0.06	0.46	-0.02	0.13	Little St Simons
5777	463847	3461915	463834	3461908	0.02	0.14	0.01	0.04	0.01	0.06	Little St Simons
5778	463869	3461870	463854	3461866	0.04	0.14	0.03	0.23	0.02	0.33	Little St Simons
5779	463880	3461821	463859	3461819	0.07	0.21	0.05	0.35	0.03	0.34	Little St Simons
5780	463883	3461772	463856	3461774	0.09	0.31	0.07	0.34	0.04	0.28	Little St Simons
5781	463879	3461722	463850	3461727	0.13	0.34	0.11	0.57	0.09	0.59	Little St Simons
5782	463871	3461672	463840	3461680	0.14	0.43	0.12	0.48	0.09	0.49	Little St Simons
5783	463855	3461625	463824	3461635	0.12	0.41	0.11	0.45	0.06	0.29	Little St Simons
5784	463836	3461579	463807	3461589	0.10	0.48	0.11	0.42	0.04	0.14	Little St Simons
5785	463820	3461531	463790	3461542	0.09	0.56	0.08	0.26	0.03	0.05	Little St Simons
5786	463801	3461485	463773	3461494	0.08	0.54	0.07	0.25	0.04	0.11	Little St Simons
5787	463781	3461440	463757	3461447	0.07	0.36	0.07	0.36	0.02	0.05	Little St Simons
5788	463769	3461391	463744	3461399	0.04	0.50	0.04	0.09	0.00	0.00	Little St Simons
5789	463756	3461343	463728	3461351	0.04	0.63	0.02	0.02	0.00	0.00	Little St Simons
5790	463735	3461298	463715	3461309	0.04	0.44	0.03	0.12	0.04	0.18	Little St Simons
5791	463720	3461250	463703	3461267	0.06	0.36	0.04	0.17	0.03	0.17	Little St Simons
5792	463696	3461207	463692	3461248	0.18	0.38	0.17	0.56	0.17	0.87	Little St Simons
5793	463699	3461159	463692	3461248	0.19	3.24	0.09	0.01	0.05	0.01	Little St Simons
5794	463699	3461113	463699	3461254	0.12	2.46	0.26	0.20	0.10	0.07	Little St Simons
5795	463686	3461080	463688	3461248	0.04	1.49	-0.09	0.04	-0.11	0.13	Little St Simons
5796	463642	3461056	463666	3461254	0.19	0.74	0.21	0.53	0.08	0.20	Little St Simons
5797	463595	3461040	463634	3461261	0.16	0.85	0.18	0.33	0.00	0.00	Little St Simons
5798	463545	3461042	463595	3461269	-0.11	0.69	-0.05	0.03	-0.30	0.66	Little St Simons
5799	463496	3461046	463548	3461280	-0.70	0.63	-0.64	0.83	-0.94	0.93	Little St Simons
5800	463462	3461081	463509	3461289	NA	NA	NA	0.00	NA	0.00	Little St Simons
5806	463358	3461308	463377	3461335	NA	NA	NA	0.00	NA	0.00	Little St Simons
5807	463316	3461333	463340	3461362	-0.21	0.29	-0.18	0.84	-0.22	0.95	Little St Simons
5808	463278	3461366	463310	3461396	-0.25	0.31	-0.22	0.83	-0.30	0.94	Little St Simons
5809	463243	3461402	463272	3461434	-0.24	0.21	-0.22	0.83	-0.32	0.93	Little St Simons
5810	463207	3461437	463235	3461468	-0.24	0.31	-0.20	0.72	-0.34	0.90	Little St Simons
5811	463171	3461471	463193	3461497	-0.18	0.41	-0.15	0.55	-0.27	0.87	Little St Simons
5812	463131	3461501	463155	3461528	-0.19	0.53	-0.14	0.44	-0.28	0.84	Little St Simons
5813	463092	3461532	463118	3461561	-0.21	0.57	-0.18	0.57	-0.29	0.87	Little St Simons
5814	463052	3461562	463082	3461593	-0.25	0.39	-0.22	0.71	-0.34	0.91	Little St Simons
5815	463014	3461595	463047	3461629	-0.27	0.45	-0.23	0.67	-0.38	0.89	Little St Simons
5816	462977	3461629	463010	3461663	-0.27	0.57	-0.23	0.62	-0.38	0.89	Little St Simons
5817	462940	3461662	462970	3461693	-0.24	0.64	-0.19	0.49	-0.34	0.85	Little St Simons
5818	462898	3461689	462930	3461724	-0.27	0.59	-0.22	0.62	-0.35	0.89	Little St Simons
5819	462857	3461717	462894	3461761	-0.35	0.43	-0.31	0.77	-0.48	0.91	Little St Simons
5820	462816	3461746	462857	3461797	-0.42	0.44	-0.37	0.81	-0.55	0.93	Little St Simons
5821	462774	3461774	462822	3461827	-0.46	0.45	-0.41	0.86	-0.57	0.94	Little St Simons
5822	462734	3461804	462773	3461858	-0.42	0.42	-0.38	0.88	-0.51	0.94	Little St Simons
5823	462694	3461833	462740	3461899	-0.52	0.67	-0.45	0.81	-0.64	0.93	Little St Simons
5824	462654	3461863	462703	3461929	-0.54	0.58	-0.48	0.87	-0.64	0.95	Little St Simons
5825	462613	3461892	462653	3461948	-0.43	0.11	-0.43	1.00	-0.44	1.00	Little St Simons
5826	462576	3461925	462619	3461990	-0.51	0.43	-0.46	0.92	-0.58	0.97	Little St Simons
5827	462539	3461960	462583	3462013	-0.43	0.42	-0.39	0.89	-0.51	0.96	Little St Simons
5828	462504	3461995	462547	3462042	-0.40	0.41	-0.36	0.88	-0.47	0.95	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5829	462469	3462031	462517	3462075	-0.41	0.47	-0.36	0.86	-0.47	0.94	Little St Simons
5830	462435	3462067	462486	3462108	-0.41	0.40	-0.36	0.91	-0.44	0.96	Little St Simons
5831	462404	3462106	462464	3462143	-0.45	0.30	-0.42	0.96	-0.46	0.98	Little St Simons
5832	462389	3462153	462441	3462176	-0.35	0.39	-0.32	0.88	-0.32	0.94	Little St Simons
5833	462378	3462202	462423	3462214	-0.25	0.46	-0.22	0.56	-0.11	0.39	Little St Simons
5834	462376	3462252	462419	3462260	-0.10	0.72	-0.07	0.05	0.10	0.18	Little St Simons
5835	462367	3462301	462415	3462304	0.01	0.89	0.05	0.02	0.26	0.48	Little St Simons
5836	462354	3462349	462411	3462351	0.13	1.12	0.13	0.16	0.34	0.53	Little St Simons
5837	462341	3462397	462407	3462398	0.23	1.11	0.28	0.29	0.55	0.72	Little St Simons
5838	462328	3462446	462410	3462445	0.34	1.28	0.40	0.38	0.71	0.76	Little St Simons
5839	462315	3462494	462406	3462491	0.46	1.46	0.52	0.46	0.87	0.79	Little St Simons
5840	462307	3462543	462409	3462537	0.54	1.67	0.61	0.49	0.99	0.80	Little St Simons
5841	462300	3462593	462414	3462583	0.62	1.88	0.71	0.50	1.11	0.81	Little St Simons
5842	462292	3462642	462418	3462628	0.67	2.28	0.79	0.50	1.18	0.80	Little St Simons
5843	462290	3462692	462425	3462677	0.70	2.59	0.83	0.47	1.25	0.78	Little St Simons
5844	462290	3462742	462431	3462720	0.73	2.78	0.87	0.47	1.32	0.78	Little St Simons
5845	462291	3462792	462436	3462760	0.77	3.00	0.92	0.47	1.39	0.78	Little St Simons
5846	462291	3462842	462443	3462805	0.88	3.17	1.02	0.49	1.58	0.79	Little St Simons
5847	462272	3462888	462461	3462838	1.02	4.22	1.20	0.45	1.88	0.77	Little St Simons
5848	462256	3462935	462470	3462871	1.11	4.53	1.36	0.49	1.91	0.78	Little St Simons
5849	462293	3462962	462469	3462907	1.16	2.73	1.22	0.56	2.02	0.83	Little St Simons
5850	462305	3463010	462483	3462958	1.22	1.88	1.14	0.58	2.09	0.84	Little St Simons
5851	462321	3463058	462496	3462996	1.24	1.97	1.07	0.53	2.13	0.83	Little St Simons
5852	462332	3463106	462510	3463038	1.29	2.37	1.05	0.48	2.22	0.82	Little St Simons
5853	462350	3463153	462530	3463078	1.30	2.61	1.02	0.43	2.24	0.82	Little St Simons
5854	462378	3463188	462558	3463107	1.23	2.52	0.97	0.44	2.11	0.82	Little St Simons
5855	462404	3463230	462562	3463154	1.16	2.42	0.90	0.42	1.99	0.81	Little St Simons
5856	462405	3463278	462578	3463193	1.33	2.86	1.03	0.42	2.28	0.82	Little St Simons
5857	462429	3463319	462597	3463230	1.29	2.77	0.99	0.42	2.20	0.81	Little St Simons
5858	462441	3463360	462617	3463264	1.38	2.98	1.06	0.42	2.34	0.82	Little St Simons
5859	462458	3463405	462638	3463300	1.46	3.13	1.12	0.42	2.47	0.82	Little St Simons
5860	462477	3463449	462660	3463338	1.51	3.20	1.17	0.43	2.55	0.82	Little St Simons
5861	462506	3463489	462686	3463380	1.49	3.15	1.15	0.44	2.49	0.82	Little St Simons
5862	462538	3463526	462711	3463418	1.44	2.94	1.12	0.46	2.39	0.83	Little St Simons
5863	462562	3463563	462736	3463449	1.37	2.75	1.07	0.47	2.26	0.83	Little St Simons
5864	462592	3463599	462758	3463487	1.41	2.81	1.11	0.48	2.28	0.83	Little St Simons
5865	462623	3463637	462786	3463525	1.38	2.68	1.09	0.51	2.17	0.84	Little St Simons
5866	462658	3463672	462812	3463561	1.33	2.43	1.07	0.55	2.04	0.85	Little St Simons
5867	462698	3463702	462839	3463598	1.22	2.01	1.00	0.62	1.78	0.87	Little St Simons
5868	462739	3463730	462866	3463634	1.10	1.67	0.91	0.69	1.51	0.89	Little St Simons
5869	462781	3463739	462884	3463659	0.89	1.07	0.78	0.83	1.10	0.93	Little St Simons
5870	462823	3463764	462912	3463694	0.73	0.52	0.68	0.95	0.76	0.98	Little St Simons
5871	462861	3463797	462941	3463731	0.68	0.59	0.64	0.93	0.61	0.97	Little St Simons
5872	462897	3463827	462970	3463766	0.63	0.50	0.62	0.87	0.42	0.80	Little St Simons
5873	462927	3463867	463002	3463804	0.66	0.50	0.68	0.84	0.39	0.68	Little St Simons
5874	462955	3463908	463034	3463842	0.66	0.67	0.68	0.74	0.31	0.43	Little St Simons
5875	462974	3463951	463064	3463877	0.69	0.85	0.73	0.72	0.28	0.30	Little St Simons
5876	462998	3463994	463097	3463916	0.75	0.91	0.79	0.69	0.27	0.24	Little St Simons
5877	463020	3464040	463126	3463955	0.79	1.02	0.85	0.69	0.27	0.21	Little St Simons
5878	463044	3464083	463156	3463995	0.82	1.08	0.88	0.67	0.27	0.19	Little St Simons
5879	463069	3464127	463185	3464034	0.85	1.18	0.91	0.66	0.27	0.17	Little St Simons
5880	463095	3464169	463216	3464071	0.90	1.20	0.97	0.68	0.30	0.19	Little St Simons
5881	463121	3464212	463246	3464107	0.95	1.29	1.02	0.69	0.34	0.22	Little St Simons
5882	463146	3464255	463275	3464142	1.00	1.41	1.07	0.69	0.36	0.22	Little St Simons
5883	463172	3464298	463304	3464176	1.03	1.53	1.10	0.67	0.34	0.18	Little St Simons
5884	463206	3464334	463334	3464208	1.04	1.49	1.18	0.74	0.46	0.25	Little St Simons
5885	463239	3464372	463365	3464239	1.09	1.47	1.17	0.71	0.42	0.25	Little St Simons
5886	463274	3464407	463399	3464269	1.13	1.54	1.22	0.73	0.47	0.30	Little St Simons
5887	463314	3464437	463433	3464299	1.11	1.60	1.19	0.74	0.49	0.34	Little St Simons
5888	463358	3464460	463462	3464324	1.08	1.57	1.15	0.78	0.55	0.45	Little St Simons
5889	463404	3464479	463485	3464343	1.01	1.49	1.08	0.81	0.58	0.55	Little St Simons
5890	463453	3464488	463509	3464364	0.90	1.35	0.94	0.84	0.56	0.64	Little St Simons
5891	463503	3464487	463544	3464370	0.85	1.08	0.87	0.86	0.55	0.71	Little St Simons
5892	463553	3464484	463582	3464376	0.73	1.17	0.74	0.83	0.48	0.68	Little St Simons
5893	463602	3464475	463616	3464385	0.60	0.96	0.59	0.82	0.40	0.72	Little St Simons
5894	463651	3464466	463658	3464397	0.44	0.65	0.44	0.90	0.35	0.86	Little St Simons
5895	463699	3464452	463700	3464404	0.29	0.62	0.27	0.82	0.26	0.86	Little St Simons
5896	463748	3464442	463745	3464398	0.25	0.83	0.22	0.61	0.26	0.81	Little St Simons
5897	463797	3464431	463790	3464388	0.24	0.68	0.21	0.67	0.27	0.86	Little St Simons
5898	463846	3464422	463839	3464378	0.26	0.86	0.20	0.49	0.30	0.83	Little St Simons
5899	463895	3464412	463888	3464367	0.26	0.49	0.25	0.85	0.28	0.92	Little St Simons
5900	463944	3464404	463939	3464363	0.23	0.33	0.23	0.92	0.23	0.95	Little St Simons
5901	463993	3464397	463991	3464359	0.21	0.27	0.21	0.90	0.25	0.95	Little St Simons
5902	464043	3464392	464041	3464355	0.19	0.27	0.19	0.91	0.22	0.95	Little St Simons
5903	464092	3464385	464091	3464357	0.14	0.12	0.15	0.86	0.19	0.94	Little St Simons
5904	464142	3464381	464141	3464354	0.09	0.19	0.08	0.40	0.17	0.81	Little St Simons
5905	464191	3464374	464191	3464351	0.01	0.23	0.01	0.01	0.09	0.56	Little St Simons
5906	464241	3464377	464241	3464351	-0.06	0.20	-0.06	0.21	0.03	0.10	Little St Simons
5907	464290	3464384	464290	3464350	-0.12	0.25	-0.12	0.39	0.01	0.01	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5908	464340	3464389	464340	3464350	-0.17	0.29	-0.16	0.53	-0.04	0.10	Little St Simons
5909	464390	3464385	464389	3464349	-0.15	0.27	-0.15	0.52	-0.04	0.10	Little St Simons
5910	464440	3464381	464439	3464350	-0.13	0.22	-0.13	0.55	-0.04	0.15	Little St Simons
5911	464490	3464377	464489	3464349	-0.11	0.24	-0.10	0.56	-0.05	0.37	Little St Simons
5912	464540	3464374	464538	3464344	-0.07	0.28	-0.06	0.19	0.03	0.06	Little St Simons
5913	464590	3464371	464588	3464343	-0.09	0.29	-0.07	0.28	-0.02	0.04	Little St Simons
5914	464639	3464369	464638	3464340	-0.13	0.39	-0.09	0.34	-0.07	0.39	Little St Simons
5915	464689	3464365	464688	3464335	-0.07	0.30	-0.05	0.13	0.04	0.10	Little St Simons
5916	464739	3464361	464737	3464332	-0.09	0.35	-0.07	0.21	-0.02	0.04	Little St Simons
5917	464789	3464357	464787	3464327	-0.08	0.46	-0.05	0.08	0.01	0.01	Little St Simons
5918	464839	3464354	464837	3464324	-0.12	0.40	-0.09	0.27	-0.04	0.16	Little St Simons
5919	464889	3464351	464886	3464318	-0.12	0.38	-0.10	0.28	-0.02	0.04	Little St Simons
5920	464939	3464348	464936	3464317	-0.11	0.28	-0.10	0.37	-0.02	0.04	Little St Simons
5921	464989	3464345	464986	3464315	-0.12	0.27	-0.10	0.47	-0.05	0.29	Little St Simons
5922	465039	3464342	465035	3464307	-0.19	0.32	-0.16	0.67	-0.12	0.70	Little St Simons
5923	465088	3464339	465084	3464300	-0.22	0.45	-0.19	0.61	-0.15	0.69	Little St Simons
5924	465138	3464335	465134	3464294	-0.23	0.53	-0.19	0.52	-0.14	0.58	Little St Simons
5925	465188	3464331	465185	3464290	-0.23	0.41	-0.20	0.65	-0.15	0.68	Little St Simons
5926	465238	3464327	465234	3464287	-0.22	0.38	-0.19	0.64	-0.14	0.68	Little St Simons
5927	465288	3464322	465285	3464283	-0.22	0.29	-0.20	0.74	-0.14	0.73	Little St Simons
5928	465338	3464318	465335	3464278	-0.23	0.23	-0.21	0.89	-0.20	0.95	Little St Simons
5929	465387	3464313	465384	3464282	-0.16	0.12	-0.16	0.97	-0.15	0.98	Little St Simons
5930	465437	3464310	465434	3464281	-0.13	0.21	-0.14	0.91	-0.12	0.93	Little St Simons
5931	465487	3464307	465483	3464269	-0.21	0.14	-0.21	0.98	-0.21	0.99	Little St Simons
5932	465537	3464305	465531	3464269	-0.20	0.07	-0.20	0.97	-0.17	0.98	Little St Simons
5933	465587	3464302	465579	3464260	-0.24	0.16	-0.25	0.98	-0.25	0.99	Little St Simons
5934	465637	3464300	465628	3464251	-0.30	0.31	-0.30	0.96	-0.32	0.97	Little St Simons
5935	465687	3464297	465676	3464241	-0.35	0.19	-0.35	0.99	-0.37	0.99	Little St Simons
5936	465737	3464292	465725	3464234	-0.37	0.16	-0.36	0.99	-0.40	0.99	Little St Simons
5937	465786	3464286	465771	3464224	-0.40	0.05	-0.40	1.00	-0.41	1.00	Little St Simons
5938	465836	3464280	465822	3464215	-0.42	0.09	-0.43	0.99	-0.44	1.00	Little St Simons
5939	465886	3464274	465867	3464199	-0.50	0.23	-0.49	0.98	-0.55	0.99	Little St Simons
5940	465935	3464268	465917	3464186	-0.55	0.50	-0.53	0.96	-0.56	0.98	Little St Simons
5941	465985	3464262	465966	3464178	-0.57	0.28	-0.56	0.96	-0.65	0.98	Little St Simons
5942	466035	3464257	466015	3464168	-0.61	0.29	-0.60	0.96	-0.70	0.98	Little St Simons
5943	466084	3464252	466062	3464164	-0.60	0.34	-0.60	0.97	-0.68	0.98	Little St Simons
5944	466134	3464248	466115	3464149	-0.67	0.45	-0.66	0.95	-0.77	0.98	Little St Simons
5945	466184	3464243	466159	3464138	-0.72	0.39	-0.72	0.96	-0.82	0.98	Little St Simons
5946	466234	3464238	466208	3464121	-0.81	0.35	-0.79	0.93	-1.00	0.97	Little St Simons
5947	466283	3464232	466258	3464113	-0.82	0.50	-0.83	0.94	-0.98	0.97	Little St Simons
5948	466333	3464227	466302	3464105	-0.84	0.40	-0.85	0.95	-1.01	0.97	Little St Simons
5949	466383	3464221	466350	3464097	-0.88	0.48	-0.89	0.94	-1.04	0.97	Little St Simons
5950	466432	3464216	466405	3464075	-0.99	0.56	-0.99	0.91	-1.24	0.96	Little St Simons
5951	466482	3464212	466459	3464069	-1.00	0.61	-1.01	0.90	-1.27	0.96	Little St Simons
5952	466532	3464210	466519	3464063	-1.02	0.56	-1.03	0.92	-1.27	0.96	Little St Simons
5953	466582	3464208	466585	3464068	-0.95	0.57	-0.98	0.96	-1.07	0.98	Little St Simons
5954	466632	3464207	466633	3464067	-0.95	0.30	-0.95	0.98	-1.07	0.99	Little St Simons
5955	466682	3464205	466682	3464068	-0.94	0.45	-0.96	0.98	-1.01	0.99	Little St Simons
5956	466732	3464204	466731	3464069	-0.92	0.41	-0.95	0.98	-0.99	0.99	Little St Simons
5957	466782	3464203	466785	3464066	-0.95	0.52	-0.97	0.97	-1.02	0.99	Little St Simons
5958	466832	3464202	466832	3464063	-0.96	0.43	-0.98	0.96	-1.12	0.98	Little St Simons
5959	466882	3464201	466890	3464067	-0.93	0.46	-0.95	0.96	-1.07	0.98	Little St Simons
5960	466932	3464200	466942	3464070	-0.89	0.44	-0.91	0.96	-1.01	0.98	Little St Simons
5961	466982	3464200	466995	3464073	-0.87	0.59	-0.90	0.94	-1.00	0.98	Little St Simons
5962	467032	3464202	467045	3464079	-0.84	0.51	-0.88	0.96	-0.92	0.98	Little St Simons
5963	467082	3464204	467097	3464084	-0.81	0.58	-0.85	0.97	-0.82	0.98	Little St Simons
5964	467132	3464206	467140	3464090	-0.78	0.39	-0.82	0.98	-0.76	0.99	Little St Simons
5965	467182	3464209	467191	3464091	-0.80	0.34	-0.83	0.99	-0.78	0.99	Little St Simons
5966	467232	3464211	467240	3464090	-0.83	0.39	-0.85	0.99	-0.81	0.99	Little St Simons
5967	467282	3464213	467289	3464092	-0.82	0.55	-0.85	0.98	-0.77	0.97	Little St Simons
5968	467332	3464215	467338	3464089	-0.86	0.35	-0.88	0.99	-0.80	0.98	Little St Simons
5969	467382	3464218	467387	3464094	-0.83	0.34	-0.86	0.98	-0.74	0.98	Little St Simons
5970	467432	3464220	467434	3464092	-0.87	0.32	-0.91	0.99	-0.83	0.99	Little St Simons
5971	467482	3464222	467484	3464088	-0.92	0.36	-0.94	0.99	-0.93	0.99	Little St Simons
5972	467531	3464225	467527	3464088	-0.92	0.28	-0.94	0.99	-0.90	0.99	Little St Simons
5973	467581	3464227	467575	3464089	-0.96	0.27	-0.97	1.00	-0.91	0.99	Little St Simons
5974	467631	3464229	467627	3464088	-0.97	0.24	-0.98	1.00	-0.99	1.00	Little St Simons
5975	467680	3464223	467674	3464091	-0.89	0.47	-0.92	0.98	-0.96	0.99	Little St Simons
5976	467724	3464199	467711	3464088	-0.73	0.60	-0.76	0.89	-0.92	0.95	Little St Simons
5977	467770	3464181	467755	3464089	-0.56	0.98	-0.60	0.73	-0.80	0.90	Little St Simons
5978	467815	3464162	467787	3464086	-0.44	0.71	-0.45	0.64	-0.70	0.87	Little St Simons
5979	467852	3464128	467822	3464076	-0.21	0.63	-0.23	0.48	-0.37	0.81	Little St Simons
5980	467878	3464085	467850	3464049	-0.01	0.85	-0.08	0.10	-0.05	0.07	Little St Simons
5981	467904	3464043	467874	3464013	0.01	0.82	-0.06	0.06	0.00	0.00	Little St Simons
5982	467934	3464003	467904	3463979	0.03	0.84	-0.04	0.03	0.05	0.08	Little St Simons
5983	467964	3463962	467937	3463942	0.07	0.77	0.00	0.00	0.12	0.34	Little St Simons
5984	467993	3463922	467968	3463903	0.05	0.61	-0.01	0.00	0.09	0.31	Little St Simons
5985	468026	3463885	467994	3463861	0.04	0.57	-0.02	0.01	0.02	0.02	Little St Simons
5986	468058	3463846	468024	3463821	0.02	0.60	-0.03	0.04	0.01	0.00	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
5987	468088	3463806	468054	3463781	-0.01	0.51	-0.06	0.13	-0.04	0.13	Little St Simons
5988	468116	3463765	468088	3463743	-0.03	0.54	-0.08	0.22	-0.02	0.05	Little St Simons
5989	468144	3463723	468117	3463702	-0.05	0.35	-0.09	0.44	-0.05	0.32	Little St Simons
5990	468176	3463686	468151	3463666	-0.14	0.33	-0.17	0.76	-0.15	0.84	Little St Simons
5991	468214	3463653	468181	3463625	-0.21	0.43	-0.25	0.82	-0.18	0.76	Little St Simons
5992	468260	3463632	468213	3463578	-0.36	0.54	-0.42	0.84	-0.25	0.71	Little St Simons
5993	468306	3463613	468259	3463536	-0.54	0.53	-0.60	0.89	-0.39	0.82	Little St Simons
5994	468353	3463599	468322	3463509	-0.80	0.25	-0.82	1.00	-0.84	0.99	Little St Simons
5995	468403	3463595	468400	3463505	-0.75	0.42	-0.79	0.98	-0.82	0.97	Little St Simons
5996	468453	3463596	468472	3463515	-0.69	0.42	-0.74	0.96	-0.77	0.95	Little St Simons
5997	468502	3463605	468530	3463532	-0.63	0.52	-0.68	0.94	-0.71	0.93	Little St Simons
5998	468549	3463622	468578	3463565	-0.52	0.32	-0.55	0.93	-0.56	0.92	Little St Simons
5999	468595	3463643	468623	3463596	-0.42	0.32	-0.45	0.90	-0.45	0.88	Little St Simons
6000	468640	3463662	468660	3463623	-0.31	0.32	-0.34	0.84	-0.35	0.81	Little St Simons
6001	468689	3463674	468698	3463646	-0.15	0.27	-0.18	0.69	-0.19	0.66	Little St Simons
6002	468735	3463691	468741	3463661	0.15	0.32	0.15	0.72	0.22	0.86	Little St Simons
6003	468782	3463710	468786	3463658	0.32	0.22	0.30	0.95	0.36	0.97	Little St Simons
6004	468831	3463717	468830	3463655	0.39	0.33	0.36	0.93	0.44	0.96	Little St Simons
6005	468881	3463713	468878	3463653	0.37	0.35	0.34	0.93	0.42	0.96	Little St Simons
6006	468931	3463712	468928	3463652	0.37	0.51	0.32	0.84	0.42	0.92	Little St Simons
6007	468981	3463712	468976	3463650	0.39	0.63	0.33	0.76	0.45	0.90	Little St Simons
6008	469030	3463718	469023	3463648	0.43	0.71	0.36	0.75	0.52	0.90	Little St Simons
6009	469080	3463725	469068	3463642	0.55	0.79	0.46	0.80	0.64	0.92	Little St Simons
6010	469129	3463735	469110	3463634	0.68	0.76	0.60	0.87	0.79	0.94	Little St Simons
6011	469178	3463744	469151	3463625	0.84	0.71	0.76	0.92	0.95	0.96	Little St Simons
6012	469227	3463753	469194	3463614	0.98	0.62	0.92	0.95	1.10	0.98	Little St Simons
6013	469276	3463759	469237	3463603	1.12	0.93	1.10	0.97	1.19	0.98	Little St Simons
6014	469326	3463765	469278	3463593	1.25	1.71	1.29	0.93	1.30	0.95	Little St Simons
6015	469376	3463768	469317	3463583	1.36	2.46	1.44	0.88	1.40	0.90	Little St Simons
6016	469426	3463773	469354	3463572	1.50	3.24	1.63	0.84	1.54	0.86	Little St Simons
6017	469476	3463773	469390	3463556	1.65	4.31	1.84	0.80	1.61	0.79	Little St Simons
6018	469526	3463773	469425	3463540	1.80	5.50	2.05	0.75	1.68	0.71	Little St Simons
6019	469575	3463772	469466	3463522	1.95	6.28	2.24	0.73	1.79	0.67	Little St Simons
6020	469625	3463771	469509	3463503	2.09	6.63	2.42	0.73	1.94	0.68	Little St Simons
6021	469675	3463770	469552	3463484	2.19	7.25	2.57	0.72	2.03	0.66	Little St Simons
6022	469725	3463765	469597	3463465	2.30	7.87	2.70	0.71	2.12	0.64	Little St Simons
6023	469772	3463749	469642	3463446	2.37	8.13	2.77	0.71	2.22	0.65	Little St Simons
6024	469819	3463732	469680	3463430	2.34	8.37	2.74	0.69	2.13	0.62	Little St Simons
6025	469866	3463721	469708	3463418	2.28	8.72	2.69	0.67	2.01	0.57	Little St Simons
6026	469903	3463687	469733	3463407	2.19	8.30	2.59	0.68	1.94	0.57	Little St Simons
6027	469931	3463646	469753	3463392	2.14	7.56	2.50	0.70	1.91	0.61	Little St Simons
6028	469955	3463602	469778	3463370	2.09	6.49	2.41	0.74	1.93	0.69	Little St Simons
6029	469988	3463565	469811	3463341	2.04	5.55	2.32	0.78	1.92	0.75	Little St Simons
6030	470018	3463525	469848	3463311	1.94	4.76	2.16	0.82	1.84	0.79	Little St Simons
6031	470040	3463480	469882	3463287	1.77	4.17	1.94	0.83	1.63	0.80	Little St Simons
6032	470063	3463436	469918	3463262	1.60	3.50	1.73	0.85	1.46	0.82	Little St Simons
6033	470089	3463393	469949	3463234	1.50	2.90	1.58	0.88	1.35	0.85	Little St Simons
6034	470125	3463363	469978	3463205	1.53	2.29	1.56	0.93	1.46	0.93	Little St Simons
6035	470150	3463320	470010	3463175	1.42	1.77	1.41	0.94	1.31	0.94	Little St Simons
6036	470161	3463273	470041	3463146	1.17	1.43	1.17	0.91	0.92	0.87	Little St Simons
6037	470180	3463227	470074	3463115	1.07	0.81	1.03	0.93	0.87	0.94	Little St Simons
6038	470199	3463182	470106	3463085	0.91	0.73	0.89	0.89	0.68	0.88	Little St Simons
6039	470218	3463135	470139	3463054	0.76	0.72	0.73	0.81	0.48	0.74	Little St Simons
6040	470242	3463092	470169	3463023	0.67	0.77	0.63	0.75	0.39	0.65	Little St Simons
6041	470277	3463057	470200	3462991	0.59	0.77	0.55	0.69	0.31	0.55	Little St Simons
6042	470309	3463018	470233	3462953	0.55	0.77	0.51	0.67	0.28	0.51	Little St Simons
6043	470336	3462976	470260	3462911	0.55	0.86	0.51	0.64	0.27	0.45	Little St Simons
6044	470366	3462936	470290	3462871	0.51	0.88	0.48	0.59	0.22	0.35	Little St Simons
6045	470394	3462895	470327	3462833	0.45	0.87	0.41	0.53	0.18	0.28	Little St Simons
6046	470424	3462855	470364	3462796	0.39	0.87	0.34	0.47	0.15	0.24	Little St Simons
6047	470453	3462814	470398	3462761	0.35	0.85	0.30	0.45	0.14	0.26	Little St Simons
6048	470483	3462774	470435	3462725	0.31	0.95	0.26	0.36	0.11	0.17	Little St Simons
6049	470518	3462738	470470	3462686	0.30	0.78	0.25	0.43	0.13	0.28	Little St Simons
6050	470554	3462703	470506	3462649	0.27	0.70	0.23	0.42	0.10	0.22	Little St Simons
6051	470588	3462667	470547	3462617	0.22	0.74	0.17	0.30	0.09	0.20	Little St Simons
6052	470623	3462631	470588	3462586	0.16	0.75	0.11	0.16	0.02	0.01	Little St Simons
6053	470656	3462594	470626	3462557	0.17	0.85	0.11	0.17	0.07	0.11	Little St Simons
6054	470693	3462560	470665	3462526	0.13	0.80	0.08	0.11	0.05	0.08	Little St Simons
6055	470730	3462527	470704	3462494	0.11	0.77	0.05	0.05	0.05	0.08	Little St Simons
6056	470766	3462492	470743	3462462	0.11	0.66	0.05	0.06	0.06	0.17	Little St Simons
6057	470806	3462462	470782	3462430	0.09	0.72	0.03	0.02	0.07	0.17	Little St Simons
6058	470847	3462433	470824	3462401	0.06	0.74	0.00	0.00	0.01	0.00	Little St Simons
6059	470888	3462405	470864	3462374	0.04	0.67	-0.01	0.00	-0.03	0.04	Little St Simons
6060	470930	3462377	470910	3462352	0.06	0.53	0.03	0.04	0.00	0.00	Little St Simons
6061	470973	3462353	470944	3462318	0.09	0.62	0.04	0.04	0.08	0.27	Little St Simons
6062	471020	3462335	470979	3462286	0.15	0.53	0.11	0.40	0.17	0.69	Little St Simons
6063	471065	3462314	471016	3462252	0.14	0.49	0.10	0.35	0.17	0.71	Little St Simons
6064	471109	3462291	471057	3462219	0.19	0.47	0.17	0.74	0.19	0.81	Little St Simons
6065	471137	3462252	471098	3462193	0.12	0.66	0.06	0.10	0.13	0.48	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6066	471173	3462217	471142	3462167	0.14	0.64	0.09	0.19	0.15	0.55	Little St Simons
6067	471213	3462186	471184	3462141	0.18	0.72	0.12	0.25	0.15	0.52	Little St Simons
6068	471249	3462155	471223	3462116	0.20	0.74	0.14	0.27	0.14	0.48	Little St Simons
6069	471285	3462120	471263	3462087	0.15	0.52	0.13	0.37	0.07	0.23	Little St Simons
6070	471323	3462087	471303	3462056	0.08	0.77	0.03	0.02	0.01	0.01	Little St Simons
6071	471360	3462054	471343	3462026	0.13	0.60	0.09	0.20	0.09	0.35	Little St Simons
6072	471400	3462024	471386	3462001	0.10	0.52	0.07	0.19	0.09	0.42	Little St Simons
6073	471443	3462000	471431	3461974	0.13	0.46	0.09	0.31	0.14	0.71	Little St Simons
6074	471491	3461984	471474	3461951	0.19	0.39	0.15	0.56	0.28	0.86	Little St Simons
6075	471523	3461947	471512	3461927	0.06	0.25	0.03	0.12	0.11	0.68	Little St Simons
6076	471568	3461925	471557	3461907	0.02	0.22	0.03	0.09	0.07	0.60	Little St Simons
6077	471617	3461916	471598	3461882	0.16	0.45	0.19	0.58	0.24	0.83	Little St Simons
6078	471664	3461902	471639	3461857	0.21	0.44	0.22	0.50	0.38	0.83	Little St Simons
6079	471700	3461869	471683	3461831	0.00	0.49	0.00	0.00	0.23	0.50	Little St Simons
6080	471748	3461855	471733	3461806	-0.01	0.60	-0.04	0.01	0.29	0.48	Little St Simons
6081	471797	3461849	471781	3461784	-0.28	0.75	-0.28	0.43	-0.01	0.00	Little St Simons
6082	471847	3461842	471845	3461778	-0.25	0.90	-0.22	0.26	0.05	0.02	Little St Simons
6083	471896	3461835	471904	3461764	-0.08	1.06	-0.04	0.01	0.25	0.34	Little St Simons
6084	471944	3461842	471957	3461742	0.06	2.05	0.17	0.06	0.44	0.43	Little St Simons
6085	471991	3461857	471997	3461773	0.14	1.41	0.22	0.15	0.48	0.60	Little St Simons
6086	472039	3461867	472045	3461784	0.15	1.31	0.22	0.13	0.56	0.63	Little St Simons
6087	472083	3461846	472075	3461779	-0.05	1.12	0.00	0.00	0.30	0.39	Little St Simons
6088	472133	3461846	472115	3461768	0.04	1.41	0.10	0.03	0.43	0.50	Little St Simons
6089	472183	3461840	472170	3461749	-0.01	1.68	-0.04	0.00	0.49	0.46	Little St Simons
6090	472233	3461838	472226	3461731	-0.01	1.98	-0.01	0.00	0.56	0.46	Little St Simons
6091	472282	3461845	472284	3461677	-0.02	3.87	0.06	0.00	0.76	0.39	Little St Simons
6092	472331	3461853	472339	3461758	-0.04	1.56	-0.08	0.02	0.46	0.44	Little St Simons
6093	472381	3461857	472391	3461763	-0.02	1.65	-0.11	0.02	0.53	0.46	Little St Simons
6094	472431	3461852	472424	3461763	0.02	1.67	-0.08	0.01	0.56	0.49	Little St Simons
6095	472481	3461854	472471	3461758	0.09	2.04	-0.06	0.01	0.69	0.52	Little St Simons
6096	472530	3461857	472517	3461741	0.16	2.38	-0.05	0.00	0.83	0.55	Little St Simons
6097	472580	3461861	472566	3461746	0.24	2.13	0.04	0.00	0.98	0.60	Little St Simons
6098	472618	3461889	472603	3461749	0.37	2.24	0.16	0.02	1.25	0.64	Little St Simons
6099	472656	3461921	472644	3461748	0.59	2.02	0.47	0.15	1.58	0.70	Little St Simons
6100	472700	3461945	472666	3461746	0.73	2.44	0.68	0.24	1.80	0.72	Little St Simons
6101	472748	3461959	472694	3461744	0.78	3.69	0.88	0.28	1.89	0.71	Little St Simons
6102	472797	3461970	472698	3461742	0.85	4.43	0.98	0.26	2.09	0.70	Little St Simons
6103	472831	3462005	472698	3461742	1.04	4.65	1.15	0.29	2.46	0.72	Little St Simons
6104	472868	3462039	472698	3461742	1.33	4.80	1.38	0.32	2.98	0.74	Little St Simons
6105	472890	3462083	472698	3461742	1.28	4.78	1.34	0.32	2.90	0.74	Little St Simons
6106	472929	3462114	472702	3461740	2.05	5.16	1.92	0.37	4.25	0.77	Little St Simons
6107	472972	3462138	472702	3461740	2.33	5.54	2.13	0.38	4.78	0.78	Little St Simons
6108	473016	3462163	472702	3461740	2.59	5.93	2.31	0.38	5.26	0.78	Little St Simons
6109	473062	3462182	472702	3461740	2.86	6.41	2.51	0.37	3.53	0.42	Little St Simons
6110	473096	3462166	472705	3461737	2.81	6.63	2.45	0.35	3.50	0.41	Little St Simons
6111	473107	3462117	472706	3461737	2.42	6.52	2.12	0.30	3.12	0.36	Little St Simons
6112	473103	3462067	472706	3461737	1.94	6.41	1.72	0.23	2.66	0.31	Little St Simons
6113	473110	3462018	472708	3461733	1.33	6.35	1.18	0.13	2.09	0.22	Little St Simons
6114	473119	3461968	472708	3461733	0.48	6.61	0.38	0.01	1.35	0.10	Little St Simons
6115	473153	3461948	472711	3461729	-0.20	6.63	-0.27	0.01	0.76	0.03	Little St Simons
6116	473203	3461949	472711	3461729	-0.58	6.77	-0.64	0.03	0.43	0.01	Little St Simons
6117	473249	3461939	472711	3461729	-0.96	6.82	-1.00	0.07	0.11	0.00	Little St Simons
6118	473284	3461903	472712	3461724	-1.16	6.52	-1.16	0.09	-0.05	0.00	Little St Simons
6119	473297	3461857	472714	3461718	-1.18	6.27	-1.15	0.09	-0.07	0.00	Little St Simons
6120	473299	3461807	472715	3461708	-1.13	6.46	-1.06	0.09	-0.03	0.00	Little St Simons
6121	473301	3461757	472716	3461699	-1.08	6.88	-0.99	0.08	0.02	0.00	Little St Simons
6122	473301	3461707	472717	3461686	-1.03	7.30	-0.93	0.07	0.07	0.00	Little St Simons
6123	473302	3461657	472712	3461618	-0.96	8.44	-0.80	0.03	0.46	0.01	Little St Simons
6124	473303	3461607	472676	3461550	-0.92	9.37	-0.73	0.02	0.67	0.01	Little St Simons
6125	473304	3461557	472704	3461488	-0.89	8.02	-0.81	0.03	0.54	0.01	Little St Simons
6126	473310	3461507	472721	3461427	-0.91	7.87	-0.87	0.04	0.46	0.01	Little St Simons
6127	473315	3461457	472745	3461371	-0.94	8.02	-0.92	0.04	0.43	0.01	Little St Simons
6128	473320	3461408	472740	3461346	-1.02	8.03	-0.99	0.05	0.35	0.00	Little St Simons
6129	473328	3461358	472699	3461321	-1.12	8.14	-1.07	0.05	0.27	0.00	Little St Simons
6130	473336	3461309	472744	3461300	-1.20	8.44	-1.14	0.06	0.21	0.00	Little St Simons
6131	473344	3461260	472747	3461275	-1.26	8.76	-1.18	0.06	0.18	0.00	Little St Simons
6132	473353	3461210	472746	3461231	-1.31	9.27	-1.25	0.06	0.17	0.00	Little St Simons
6133	473364	3461162	472737	3461152	-1.39	8.98	-1.51	0.08	0.03	0.00	Little St Simons
6134	473376	3461113	472734	3461061	-1.50	8.53	-1.79	0.11	-0.15	0.00	Little St Simons
6135	473387	3461064	472750	3460962	-1.70	10.87	-1.97	0.17	-0.52	0.01	Little St Simons
6136	473397	3461015	472783	3460854	-5.37	11.14	-5.40	0.75	-4.77	0.54	Little St Simons
6137	473404	3460966	472813	3460768	-1.36	7.85	-1.46	0.09	0.01	0.00	Little St Simons
6138	473411	3460916	472823	3460736	-1.37	7.96	-1.42	0.08	0.02	0.00	Little St Simons
6139	473415	3460867	472831	3460715	-1.39	8.50	-1.38	0.08	0.03	0.00	Little St Simons
6140	473415	3460817	472837	3460699	-1.57	9.07	-1.45	0.09	-0.16	0.00	Little St Simons
6141	473415	3460767	472837	3460699	-2.27	11.45	-3.55	0.34	-4.10	0.35	Little St Simons
6142	473435	3460732	472837	3460699	-2.17	11.64	-3.47	0.32	-4.04	0.34	Little St Simons
6143	473485	3460728	472837	3460694	-2.14	11.82	-3.47	0.32	-4.06	0.34	Little St Simons
6144	473534	3460724	472837	3460694	-2.13	11.84	-3.45	0.32	-4.05	0.34	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6145	473584	3460718	472837	3460694	-2.11	11.86	-3.44	0.32	-4.04	0.33	Little St Simons
6146	473623	3460688	472837	3460694	-2.05	11.96	-3.39	0.31	-4.00	0.33	Little St Simons
6147	473647	3460644	472837	3460694	-1.72	10.01	-1.43	0.09	1.95	0.21	Little St Simons
6148	473663	3460597	472837	3460694	-1.73	10.20	-1.42	0.09	1.93	0.21	Little St Simons
6149	473673	3460548	472837	3460694	-1.73	10.41	-1.40	0.08	1.95	0.21	Little St Simons
6150	473682	3460499	472837	3460694	-1.75	10.67	-1.40	0.08	1.94	0.20	Little St Simons
6151	473692	3460449	472837	3460694	-1.74	10.98	-1.36	0.07	2.01	0.21	Little St Simons
6152	473701	3460400	472836	3460690	-1.71	11.41	-1.32	0.07	2.08	0.21	Little St Simons
6153	473711	3460351	472780	3460583	1.15	8657.00	0.72	0.02	2.35	0.18	Little St Simons
6154	473721	3460302	472726	3460459	1.63	9093.46	1.20	0.04	2.90	0.22	Little St Simons
6155	473730	3460253	472730	3460323	2.05	16.62	1.91	0.07	3.81	0.15	Little St Simons
6156	473741	3460204	472713	3460188	2.59	17.28	2.49	0.11	4.42	0.19	Little St Simons
6157	473752	3460156	472768	3460034	3.72	15.20	3.75	0.23	5.59	0.30	Little St Simons
6158	473762	3460107	472767	3460003	4.16	15.16	4.17	0.27	6.00	0.33	Little St Simons
6159	473772	3460058	472769	3459981	4.60	15.05	4.61	0.32	6.41	0.37	Little St Simons
6160	473789	3460011	472772	3459958	4.93	14.99	4.95	0.36	6.73	0.39	Little St Simons
6161	473806	3459964	472775	3459935	5.24	15.04	5.30	0.39	7.06	0.42	Little St Simons
6162	473823	3459918	472759	3459873	5.75	15.80	5.88	0.43	7.61	0.45	Little St Simons
6163	473843	3459872	472742	3459800	6.26	16.71	6.43	0.47	8.12	0.47	Little St Simons
6164	473858	3459825	472743	3459723	6.69	10.57	6.97	0.63	8.41	0.64	Little St Simons
6165	473869	3459776	472789	3459651	7.10	9.47	7.41	0.70	8.71	0.71	Little St Simons
6166	473880	3459727	472805	3459577	7.53	9.11	7.87	0.76	9.06	0.76	Little St Simons
6167	473893	3459679	472807	3459565	7.69	9.08	8.02	0.77	9.21	0.77	Little St Simons
6168	473903	3459630	472807	3459562	7.81	9.15	8.13	0.77	9.34	0.77	Little St Simons
6169	473916	3459582	472807	3459560	7.93	9.33	8.27	0.77	9.49	0.77	Little St Simons
6170	473927	3459533	472807	3459558	8.05	9.59	8.43	0.77	9.64	0.77	Little St Simons
6171	473942	3459485	472807	3459557	8.21	9.92	8.62	0.77	9.85	0.78	Little St Simons
6172	473954	3459437	472806	3459553	8.38	10.37	8.85	0.77	10.08	0.77	Little St Simons
6173	473969	3459389	472806	3459553	8.59	10.44	9.04	0.78	10.30	0.78	Little St Simons
6174	473990	3459344	472806	3459553	8.81	10.57	9.24	0.78	10.54	0.78	Little St Simons
6175	474011	3459299	472806	3459553	9.03	10.83	9.46	0.78	10.80	0.78	Little St Simons
6176	474034	3459254	472806	3459553	9.26	11.26	9.71	0.78	11.08	0.78	Little St Simons
6177	474050	3459207	472805	3459550	9.48	11.81	9.96	0.79	11.33	0.79	Little St Simons
6178	474065	3459159	472805	3459548	9.68	12.46	10.20	0.79	11.57	0.79	Little St Simons
6179	474083	3459113	472651	3459338	10.66	16.66	11.19	0.83	12.40	0.81	Little St Simons
6180	474095	3459064	472420	3459089	12.34	21.41	13.51	0.85	14.32	0.80	Little St Simons
6181	474109	3459016	472559	3458820	11.49	18.97	12.53	0.86	13.29	0.82	Little St Simons
6182	474121	3458968	472600	3458554	11.55	20.62	12.63	0.83	13.57	0.79	Little St Simons
6183	474133	3458919	472865	3458378	9.96	18.19	10.69	0.78	11.97	0.76	Little St Simons
6184	474146	3458871	472865	3458377	9.90	17.76	10.49	0.78	11.83	0.76	Little St Simons
6185	474161	3458823	472865	3458376	9.86	17.45	10.64	0.78	11.91	0.76	Little St Simons
6186	474175	3458775	472866	3458375	9.81	17.02	10.56	0.78	11.86	0.76	Little St Simons
6187	474190	3458728	472866	3458374	9.78	16.61	10.50	0.77	11.83	0.76	Little St Simons
6188	474211	3458682	472866	3458374	9.83	16.17	10.53	0.77	11.90	0.76	Little St Simons
6189	474224	3458634	472866	3458372	9.79	15.53	10.49	0.77	11.89	0.76	Little St Simons
6190	474234	3458585	472867	3458371	9.74	15.14	10.45	0.76	11.88	0.76	Little St Simons
6191	474238	3458535	472867	3458370	9.65	14.95	10.39	0.75	11.83	0.75	Little St Simons
6192	474243	3458486	472867	3458367	9.54	14.97	10.32	0.74	11.77	0.74	Little St Simons
6193	474248	3458436	472867	3458361	9.42	15.17	10.25	0.73	11.73	0.73	Little St Simons
6194	474255	3458386	472867	3458355	9.32	15.58	10.22	0.71	11.70	0.72	Little St Simons
6195	474262	3458337	472867	3458347	9.20	16.26	10.17	0.69	11.67	0.70	Little St Simons
6196	474268	3458287	472867	3458337	9.02	16.75	10.02	0.67	11.57	0.68	Little St Simons
6197	474272	3458237	472867	3458326	8.90	15.93	9.76	0.66	11.42	0.68	Little St Simons
6198	474274	3458187	472865	3458312	8.77	15.07	9.46	0.65	11.24	0.67	Little St Simons
6199	474274	3458137	472863	3458297	8.61	14.46	9.15	0.63	11.05	0.65	Little St Simons
6200	474274	3458087	472861	3458283	8.45	14.01	8.84	0.61	10.85	0.64	Little St Simons
6201	474274	3458037	472860	3458269	8.28	22.06	8.66	0.62	10.52	0.62	Little St Simons
6202	474274	3457987	472857	3458255	8.11	21.70	8.36	0.59	10.34	0.61	Little St Simons
6203	474290	3457941	472854	3458242	8.06	21.62	8.18	0.56	10.30	0.60	Little St Simons
6204	474305	3457893	472847	3458216	8.07	21.48	8.05	0.54	10.32	0.59	Little St Simons
6205	474309	3457844	472839	3458180	7.99	21.31	7.84	0.52	10.24	0.57	Little St Simons
6206	474308	3457794	472830	3458143	7.86	21.12	7.62	0.49	10.12	0.56	Little St Simons
6207	474294	3457746	472822	3458105	7.81	20.81	7.50	0.48	10.04	0.55	Little St Simons
6208	474270	3457703	472814	3458071	7.71	20.47	7.37	0.47	9.91	0.55	Little St Simons
6209	474231	3457673	472808	3458052	7.49	20.20	7.16	0.47	9.65	0.55	Little St Simons
6210	474182	3457668	472790	3457972	6.60	19.22	6.43	0.45	8.67	0.53	Little St Simons
6211	474143	3457691	472804	3458039	6.78	19.71	6.61	0.46	8.90	0.53	Little St Simons
6212	474094	3457681	472790	3457971	6.52	19.13	6.36	0.45	8.58	0.53	Little St Simons
6213	474044	3457681	472790	3457971	5.01	18.58	5.22	0.42	6.99	0.48	Little St Simons
6214	474004	3457655	472789	3457966	4.82	18.31	5.05	0.41	6.78	0.47	Little St Simons
6215	473965	3457624	472788	3457964	4.57	18.06	4.84	0.40	6.51	0.46	Little St Simons
6216	473923	3457598	472786	3457959	4.28	17.88	4.60	0.39	6.18	0.45	Little St Simons
6217	473879	3457574	472785	3457956	4.04	17.74	4.40	0.38	5.92	0.44	Little St Simons
6218	473833	3457554	472772	3457924	3.84	17.71	4.24	0.37	5.69	0.43	Little St Simons
6219	473789	3457530	472751	3457879	3.68	17.69	4.10	0.36	5.51	0.42	Little St Simons
6220	473745	3457506	472738	3457826	3.63	17.39	4.06	0.37	5.41	0.42	Little St Simons
6221	473701	3457482	472724	3457772	3.63	17.02	4.08	0.39	5.36	0.43	Little St Simons
6222	473652	3457472	472707	3457709	3.72	16.71	4.18	0.42	5.40	0.45	Little St Simons
6223	473605	3457456	472695	3457663	3.78	16.50	4.26	0.44	5.41	0.46	Little St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6224	473563	3457430	472684	3457607	3.82	16.13	4.31	0.47	5.39	0.48	Little St Simons
6225	473527	3457395	472673	3457545	4.02	15.72	4.52	0.52	5.49	0.51	Little St Simons
6226	473492	3457360	472663	3457490	4.45	15.28	4.96	0.60	5.79	0.57	Little St Simons
6227	473458	3457323	472659	3457459	4.69	15.16	5.21	0.65	5.93	0.60	Little St Simons
6228	473425	3457286	472657	3457438	4.98	14.94	5.50	0.70	6.12	0.63	Little St Simons
6229	473397	3457244	472656	3457428	5.07	14.80	5.61	0.72	6.16	0.64	Little St Simons
6230	473371	3457201	472655	3457425	5.07	14.88	5.61	0.72	6.13	0.64	Little St Simons
6231	473344	3457159	472655	3457424	5.05	15.09	5.62	0.72	6.10	0.63	Little St Simons
6232	473320	3457115	472655	3457423	5.05	15.33	5.64	0.72	6.09	0.62	Little St Simons
6233	473296	3457072	472654	3457421	5.06	15.47	5.67	0.72	6.11	0.62	Little St Simons
6234	473272	3457028	472653	3457419	5.12	15.56	5.74	0.72	6.16	0.62	Little St Simons
6235	473250	3456983	472652	3457418	5.19	15.64	5.83	0.73	6.25	0.62	Little St Simons
6236	473229	3456937	472651	3457417	5.28	15.81	5.94	0.73	6.36	0.63	Little St Simons
6237	473208	3456892	472650	3457417	5.39	16.25	6.08	0.73	6.49	0.62	Little St Simons
6238	473188	3456846	472649	3457416	5.54	17.02	6.25	0.73	6.66	0.62	Little St Simons
6239	473167	3456801	472649	3457416	5.69	17.96	6.44	0.72	6.84	0.60	Little St Simons
6240	473147	3456755	472648	3457415	5.87	18.94	6.66	0.71	7.06	0.59	Little St Simons
6241	473128	3456709	472650	3457417	6.06	20.14	6.89	0.71	7.29	0.58	Little St Simons
6242	473109	3456663	472648	3457415	6.28	21.02	7.16	0.70	7.54	0.58	Little St Simons
6243	473091	3456616	472648	3457415	6.50	21.80	7.41	0.70	7.81	0.58	Little St Simons
6244	473074	3456569	472648	3457415	6.73	22.46	7.68	0.71	8.09	0.58	Little St Simons
6245	473058	3456522	472648	3457415	6.97	23.39	7.95	0.70	8.37	0.58	Little St Simons
6246	473039	3456476	472643	3457414	7.24	24.41	8.25	0.71	8.67	0.57	Little St Simons
6247	473026	3456427	472229	3457298	8.45	13.20	9.01	0.87	8.31	0.73	Little St Simons
6248	473009	3456380	471723	3457059	10.49	10.18	10.88	0.82	9.34	0.68	Little St Simons
6249	472992	3456333	471523	3456538	10.56	7.82	11.20	0.97	10.78	0.97	Little St Simons
6250	472978	3456285	471810	3456037	8.45	6.66	8.62	0.88	7.54	0.80	Little St Simons
6251	472956	3456240	472112	3455709	6.25	6.43	6.17	0.75	5.11	0.61	Little St Simons
6252	472932	3456198	472113	3455708	6.08	6.51	6.05	0.73	4.92	0.57	Little St Simons
6253	472929	3456148	472123	3455690	5.68	7.00	5.72	0.66	4.44	0.46	Little St Simons
6254	472935	3456111	472129	3455680	5.42	8.70	5.40	0.58	3.96	0.35	Little St Simons
6255	472984	3456109	472131	3455675	5.33	10.26	5.19	0.54	3.75	0.31	Little St Simons
6256	473029	3456125	472131	3455675	5.31	5.81	5.79	0.94	5.47	0.93	Little St Simons
6257	473057	3456093	472134	3455671	5.22	11.89	5.07	0.46	3.41	0.23	Little St Simons
6258	473049	3456044	472140	3455655	5.20	11.48	5.03	0.48	3.45	0.24	Little St Simons
6259	473018	3456005	472142	3455650	5.19	10.20	5.08	0.52	3.60	0.29	Little St Simons
6260	472979	3455974	472143	3455649	5.21	8.97	5.14	0.57	3.76	0.35	Little St Simons
6261	472938	3455945	472143	3455647	5.21	7.98	5.19	0.61	3.91	0.41	Little St Simons
6262	472903	3455909	472150	3455629	5.21	7.41	5.22	0.66	4.03	0.46	Little St Simons
6263	472868	3455874	472150	3455629	5.16	6.52	5.22	0.70	4.11	0.52	Little St Simons
6264	472833	3455839	472152	3455624	5.09	5.49	5.21	0.74	4.20	0.58	Little St Simons
6265	472831	3455789	472153	3455620	4.97	4.40	5.17	0.79	4.27	0.64	Little St Simons
6266	472827	3455740	472155	3455610	4.95	3.77	5.15	0.84	4.39	0.72	Little St Simons
6267	472836	3455691	472156	3455597	4.91	3.13	5.09	0.88	4.47	0.80	Little St Simons
6268	472843	3455641	472158	3455584	4.81	2.67	4.94	0.91	4.43	0.84	Little St Simons
6269	472845	3455591	472160	3455567	4.79	2.20	4.85	0.94	4.47	0.90	Little St Simons
6270	472837	3455542	472159	3455544	4.81	1.95	4.82	0.96	4.54	0.94	Little St Simons
6271	472825	3455494	472158	3455519	4.83	1.99	4.78	0.97	4.61	0.96	Little St Simons
6272	472812	3455446	472155	3455486	4.81	1.95	4.73	0.98	4.64	0.98	Little St Simons
6273	472802	3455397	472152	3455443	4.76	1.95	4.66	0.99	4.64	0.98	Little St Simons
6274	472787	3455349	472149	3455400	4.67	1.89	4.57	0.99	4.60	0.99	Little St Simons
6275	472763	3455306	472145	3455349	4.52	1.66	4.44	0.99	4.50	0.99	Little St Simons
6276	472744	3455259	472139	3455279	4.41	1.58	4.34	0.99	4.44	0.99	Little St Simons
6277	472728	3455212	472135	3455208	4.32	1.52	4.27	0.99	4.43	0.99	Little St Simons
6278	472714	3455164	472137	3455103	4.23	1.71	4.19	0.97	4.43	0.97	Little St Simons
6279	472697	3455117	472147	3455011	4.07	2.10	4.07	0.94	4.39	0.93	Little St Simons
6280	472684	3455069	472164	3454936	3.90	2.61	3.93	0.89	4.35	0.88	Little St Simons
6281	472672	3455021	472180	3454889	3.70	3.11	3.75	0.84	4.24	0.83	Little St Simons
6282	472659	3454973	472194	3454854	3.48	3.50	3.56	0.79	4.09	0.79	Little St Simons
6283	472652	3454923	472196	3454850	3.29	3.48	3.39	0.78	3.90	0.78	Little St Simons
6284	472646	3454873	472196	3454846	3.15	3.44	3.25	0.78	3.74	0.78	Little St Simons
6285	472638	3454824	472196	3454843	3.06	3.46	3.17	0.77	3.65	0.77	Little St Simons
6286	472632	3454775	472196	3454838	3.01	3.50	3.13	0.76	3.61	0.76	Little St Simons
6287	472625	3454725	472193	3454829	3.00	3.62	3.11	0.74	3.62	0.75	Little St Simons
6288	472620	3454675	472186	3454813	2.93	3.83	3.04	0.71	3.59	0.72	Little St Simons
6289	472616	3454625	472176	3454789	2.74	4.24	2.86	0.63	3.48	0.66	Little St Simons
6290	472615	3454576	472159	3454748	2.32	4.96	2.44	0.47	3.19	0.54	Little St Simons
6291	472611	3454526	472138	3454697	1.91	5.74	2.03	0.31	2.90	0.41	Little St Simons
6292	472608	3454476	472108	3454607	1.40	6.61	1.53	0.17	2.54	0.29	Little St Simons
6293	472604	3454426	472082	3454515	0.47	7.92	0.60	0.02	1.83	0.13	Little St Simons
6294	472598	3454376	472064	3454421	0.19	8.48	0.37	0.01	1.65	0.10	Little St Simons
6295	472589	3454327	472072	3454302	0.25	8.07	0.43	0.01	1.66	0.10	Little St Simons
6296	472579	3454278	472073	3454258	0.37	7.64	0.53	0.02	1.71	0.12	Little St Simons
6297	472570	3454246	472074	3454232	0.59	7.18	0.73	0.04	1.85	0.15	Little St Simons
6298	466166	3448340	466104	3448376	-0.21	0.53	-0.21	0.35	-0.12	0.11	Sea
6299	466137	3448299	466080	3448341	-0.16	0.47	-0.17	0.27	-0.08	0.06	Sea
6300	466108	3448259	466049	3448293	-0.12	0.48	-0.13	0.19	-0.05	0.02	Sea
6301	466079	3448218	466026	3448248	-0.09	0.53	-0.09	0.11	-0.02	0.00	Sea
6302	466051	3448176	466000	3448203	-0.04	0.70	-0.05	0.02	0.04	0.01	Sea

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6303	466022	3448135	465975	3448161	0.04	0.79	0.04	0.01	0.11	0.08	Sea
6304	465999	3448091	465953	3448121	0.13	0.78	0.12	0.15	0.20	0.21	Sea
6305	465977	3448046	465930	3448085	0.25	0.81	0.25	0.46	0.31	0.43	Sea
6306	465954	3448002	465908	3448054	0.43	0.84	0.43	0.76	0.48	0.68	Sea
6307	465930	3447958	465880	3448040	0.63	0.89	0.64	0.90	0.66	0.83	Sea
6308	465906	3447914	465861	3448034	0.87	1.03	0.88	0.94	0.89	0.89	Sea
6309	465884	3447869	465846	3448031	1.14	1.20	1.15	0.95	1.15	0.91	Sea
6310	465860	3447825	465826	3448028	1.42	1.52	1.46	0.96	1.43	0.93	Sea
6311	465838	3447780	465811	3448027	1.73	1.69	1.77	0.96	1.73	0.94	Sea
6312	465813	3447737	465797	3448025	2.04	1.82	2.07	0.97	2.02	0.95	Sea
6313	465791	3447692	465784	3448024	2.34	1.90	2.37	0.98	2.31	0.95	Sea
6314	465766	3447649	465774	3448024	2.66	1.93	2.68	0.98	2.61	0.96	Sea
6315	465743	3447604	465774	3448024	2.97	2.03	2.97	0.98	2.93	0.96	Sea
6316	465721	3447560	465774	3448024	3.31	2.26	3.31	0.98	3.29	0.96	Sea
6317	465698	3447515	465791	3448141	3.65	2.44	3.64	0.98	3.65	0.96	Sea
6318	465677	3447470	465774	3448024	3.98	2.71	3.97	0.98	4.02	0.96	Sea
6319	465655	3447425	465769	3448024	4.34	2.90	4.33	0.98	4.41	0.95	Sea
6320	465633	3447380	465769	3448024	4.71	3.23	4.68	0.97	4.81	0.94	Sea
6321	465613	3447335	465769	3448024	4.93	3.44	4.90	0.97	5.05	0.94	Sea
6322	465592	3447289	465769	3448024	5.36	3.83	5.30	0.96	5.53	0.93	Sea
6323	465572	3447243	465769	3448024	5.74	4.13	5.64	0.95	5.93	0.92	Sea
6324	465550	3447199	465769	3448024	6.15	4.42	6.01	0.94	6.38	0.91	Sea
6325	465526	3447155	465764	3448026	6.49	4.66	6.32	0.94	6.72	0.91	Sea
6326	465496	3447114	465764	3448026	6.91	5.00	6.69	0.94	7.16	0.90	Sea
6327	465464	3447077	465764	3448026	7.27	5.24	7.04	0.93	7.55	0.90	Sea
6328	465425	3447045	465764	3448026	7.59	5.34	7.36	0.93	7.89	0.90	Sea
6329	465382	3447021	465759	3448028	7.89	5.16	7.67	0.94	8.19	0.91	Sea
6330	465333	3447011	465759	3448028	8.10	4.90	7.94	0.95	8.40	0.93	Sea
6331	465299	3447041	465754	3448030	6.74	5.46	7.04	0.97	6.97	0.96	Sea
6332	465273	3447082	465754	3448030	3.56	12.42	4.80	0.59	1.39	0.17	Sea
6333	465251	3447127	465754	3448030	1.14	18.96	3.13	0.19	-2.86	0.23	Sea
6334	465230	3447172	465750	3448032	0.59	21.14	2.86	0.13	-3.79	0.29	Sea
6335	465209	3447217	466050	3448485	0.47	17.29	1.09	0.05	-2.62	0.25	Sea
6336	465198	3447266	465750	3448032	0.40	22.01	2.72	0.14	-3.06	0.22	Sea
6337	465217	3447310	465750	3448032	0.38	6.72	0.78	0.18	-0.23	0.04	Sea
6338	465251	3447346	465750	3448032	0.39	16.78	1.05	0.05	-2.70	0.26	Sea
6339	465287	3447381	465750	3448032	0.41	16.83	1.08	0.06	-2.71	0.26	Sea
6340	465321	3447418	465750	3448032	0.43	16.65	1.15	0.06	-2.72	0.26	Sea
6341	465355	3447455	465750	3448032	0.44	17.40	2.04	0.13	-2.90	0.24	Sea
6342	465381	3447497	465750	3448032	0.44	16.57	1.18	0.07	-2.72	0.26	Sea
6343	465407	3447540	465750	3448032	0.43	16.61	1.17	0.07	-2.72	0.26	Sea
6344	465417	3447586	465750	3448032	0.37	6.62	0.77	0.18	-0.23	0.04	Sea
6345	465447	3447626	465750	3448032	0.38	6.64	0.77	0.18	-0.23	0.04	Sea
6346	465477	3447666	465750	3448032	0.38	6.66	0.77	0.18	-0.23	0.04	Sea
6347	465510	3447704	465750	3448032	0.39	6.79	0.79	0.18	-0.23	0.04	Sea
6348	465545	3447739	465750	3448032	0.43	7.75	0.90	0.18	-0.22	0.03	Sea
6349	465574	3447779	465750	3448032	0.43	7.89	0.92	0.18	-0.22	0.03	Sea
6350	465597	3447824	465750	3448032	0.38	6.74	0.78	0.18	-0.23	0.04	Sea
6351	465616	3447870	465750	3448032	0.31	4.25	0.51	0.18	-0.21	0.07	Sea
6352	465645	3447910	465750	3448032	0.29	3.96	0.47	0.17	-0.22	0.08	Sea
6353	465667	3447955	465747	3448035	0.16	2.47	0.26	0.12	-0.26	0.19	Sea
6354	465690	3447999	465747	3448035	0.09	1.24	0.16	0.12	-0.20	0.27	Sea
6355	465710	3448045	465746	3448048	-0.12	0.57	-0.06	0.11	-0.22	0.72	Sea
6356	465725	3448092	465757	3448085	-0.16	0.59	-0.10	0.27	-0.17	0.67	Sea
6357	465743	3448139	465777	3448121	-0.02	0.70	0.04	0.03	0.01	0.00	Sea
6358	465758	3448187	465804	3448157	0.04	0.91	0.12	0.14	0.15	0.37	Sea
6359	465773	3448234	465833	3448190	0.17	1.18	0.26	0.30	0.35	0.64	Sea
6360	465787	3448282	465863	3448229	0.29	1.59	0.40	0.34	0.62	0.71	Sea
6361	465807	3448328	465892	3448273	0.43	1.80	0.54	0.45	0.79	0.77	Sea
6362	465831	3448372	465919	3448318	0.35	2.05	0.48	0.35	0.71	0.70	Sea
6363	465858	3448414	465947	3448367	0.24	2.09	0.37	0.25	0.58	0.62	Sea
6364	465890	3448453	465971	3448406	0.33	1.74	0.47	0.45	0.52	0.72	Sea
6365	465925	3448488	465996	3448433	0.39	1.33	0.52	0.64	0.45	0.77	Sea
6366	465957	3448526	466015	3448481	0.30	1.08	0.40	0.63	0.31	0.67	Sea
6367	465991	3448563	466064	3448492	0.56	0.78	0.64	0.84	0.37	0.67	Sea
6368	466020	3448603	466079	3448537	0.44	0.60	0.50	0.79	0.23	0.50	Sea
6369	466049	3448644	466106	3448572	0.43	0.69	0.49	0.64	0.11	0.10	Sea
6370	466077	3448685	466165	3448621	0.58	0.85	0.64	0.61	0.13	0.08	Sea
6371	466103	3448728	466226	3448654	0.85	1.16	0.90	0.62	0.23	0.12	Sea
6372	466128	3448771	466254	3448725	0.75	1.14	0.80	0.58	0.15	0.06	Sea
6373	466151	3448815	466247	3448788	0.47	0.91	0.53	0.49	-0.01	0.00	Sea
6374	466175	3448859	466254	3448845	0.31	0.79	0.37	0.41	-0.08	0.04	Sea
6375	466202	3448902	466261	3448880	0.21	0.66	0.26	0.35	-0.11	0.09	Sea
6376	466229	3448944	466275	3448919	0.15	0.55	0.20	0.32	-0.10	0.12	Sea
6377	466257	3448985	466302	3448955	0.20	0.51	0.24	0.43	-0.05	0.03	Sea
6378	466286	3449026	466340	3448990	0.30	0.52	0.34	0.56	0.03	0.01	Sea
6379	466311	3449069	466358	3449039	0.22	0.48	0.26	0.49	-0.01	0.00	Sea
6380	466330	3449115	466382	3449090	0.21	0.54	0.26	0.47	-0.03	0.01	Sea
6381	466346	3449162	466400	3449141	0.22	0.54	0.26	0.44	-0.05	0.03	Sea

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6382	466354	3449211	466416	3449183	0.24	0.67	0.30	0.42	-0.07	0.04	Sea
6383	466358	3449261	466423	3449222	0.22	0.89	0.31	0.34	-0.14	0.11	Sea
6384	466382	3449305	466462	3449262	0.35	0.89	0.42	0.40	-0.11	0.05	Sea
6385	466412	3449345	466493	3449296	0.40	0.92	0.46	0.41	-0.09	0.03	Sea
6386	466444	3449383	466516	3449341	0.34	0.77	0.39	0.41	-0.07	0.03	Sea
6387	466476	3449421	466535	3449405	0.18	0.65	0.24	0.32	-0.13	0.13	Sea
6388	466498	3449465	466560	3449458	0.21	0.64	0.28	0.49	-0.02	0.01	Sea
6389	466507	3449515	466562	3449512	0.15	0.69	0.22	0.49	0.02	0.01	Sea
6390	466509	3449564	466547	3449566	-0.03	0.75	0.04	0.03	-0.03	0.05	Sea
6391	466501	3449614	466546	3449623	-0.06	0.91	0.03	0.01	-0.02	0.02	Sea
6392	466486	3449661	466539	3449669	-0.24	1.05	-0.15	0.16	-0.09	0.13	Sea
6393	466463	3449704	466524	3449718	-0.25	1.27	-0.15	0.11	-0.03	0.01	Sea
6394	466450	3449752	466505	3449775	-0.05	1.12	0.04	0.01	0.15	0.25	Sea
6395	466421	3449793	466488	3449832	0.10	1.34	0.22	0.19	0.28	0.48	Sea
6396	466392	3449833	466470	3449878	0.01	1.60	0.13	0.05	0.32	0.40	Sea
6397	466366	3449876	466435	3449907	-0.13	1.43	-0.03	0.00	0.13	0.13	Sea
6398	466344	3449921	466405	3449940	0.51	1.19	0.50	0.46	0.28	0.50	Sea
6399	466334	3449968	466408	3449965	0.65	1.38	0.63	0.51	0.37	0.56	Sea
6400	466349	3450016	466416	3449989	0.67	1.40	0.63	0.51	0.37	0.55	Sea
6401	466372	3450060	466432	3450017	0.62	1.40	0.60	0.47	0.34	0.52	Sea
6402	466408	3450095	466461	3450040	0.65	1.42	0.65	0.50	0.39	0.57	Sea
6403	466452	3450118	466491	3450063	0.59	1.20	0.58	0.53	0.36	0.62	Sea
6404	466499	3450136	466529	3450085	0.56	0.94	0.55	0.63	0.38	0.74	Sea
6405	466545	3450153	466570	3450107	0.54	0.76	0.53	0.71	0.39	0.82	Sea
6406	466591	3450174	466613	3450129	0.44	0.83	0.42	0.57	0.27	0.66	Sea
6407	466638	3450190	466659	3450148	0.37	0.85	0.35	0.47	0.19	0.48	Sea
6408	466684	3450210	466703	3450171	0.35	0.78	0.33	0.48	0.18	0.49	Sea
6409	466728	3450233	466758	3450198	0.36	0.88	0.33	0.44	0.18	0.41	Sea
6410	466773	3450256	466808	3450223	0.38	0.97	0.34	0.41	0.17	0.34	Sea
6411	466805	3450294	466860	3450273	-0.13	0.98	-0.15	0.14	-0.17	0.51	Sea
6412	466830	3450335	466868	3450334	NA	NA	NA	0.00	NA	0.00	Sea
6413	466811	3450381	466854	3450392	NA	NA	NA	0.00	NA	0.00	Sea
6414	466783	3450422	466825	3450432	-0.52	0.96	-0.55	0.67	-0.56	0.92	Sea
6415	466757	3450465	466798	3450484	-0.04	1.26	-0.06	0.01	-0.30	0.49	Sea
6416	466744	3450513	466796	3450529	-0.20	1.21	-0.09	0.06	-0.16	0.31	Sea
6417	466735	3450562	466788	3450565	-0.18	1.14	-0.07	0.05	-0.14	0.29	Sea
6418	466731	3450612	466776	3450604	-0.20	0.88	-0.11	0.17	-0.23	0.65	Sea
6419	466741	3450661	466781	3450646	-0.25	0.77	-0.18	0.38	-0.21	0.65	Sea
6420	466783	3450687	466807	3450670	-0.11	0.53	-0.06	0.13	-0.10	0.51	Sea
6421	466822	3450718	466840	3450701	-0.11	0.34	-0.08	0.41	-0.11	0.71	Sea
6422	466847	3450761	466876	3450731	-0.23	0.36	-0.20	0.80	-0.23	0.91	Sea
6423	466870	3450805	466914	3450767	-0.36	0.55	-0.31	0.80	-0.36	0.91	Sea
6424	466905	3450839	466941	3450805	-0.28	0.49	-0.23	0.75	-0.32	0.89	Sea
6425	466933	3450877	466964	3450854	-0.17	0.72	-0.18	0.23	-0.31	0.77	Sea
6426	466958	3450920	466999	3450891	0.37	0.27	0.36	0.92	0.40	0.88	Sea
6427	466974	3450967	467031	3450937	-0.22	1.04	-0.25	0.22	-0.44	0.75	Sea
6428	466990	3451014	467050	3450985	-0.23	0.95	-0.26	0.28	-0.43	0.78	Sea
6429	467006	3451062	467076	3451053	0.24	0.41	0.23	0.67	0.29	0.63	Sea
6430	467009	3451111	467089	3451116	-0.18	0.43	-0.23	0.59	-0.25	0.57	Sea
6431	467000	3451159	467089	3451175	-0.56	0.87	-0.46	0.72	-0.72	0.90	Sea
6432	466987	3451207	467050	3451240	-0.53	0.79	-0.49	0.65	-0.61	0.94	Sea
6433	466958	3451247	467030	3451319	-0.66	1.21	-0.54	0.70	-0.80	0.91	Sea
6434	466925	3451284	466996	3451365	-0.30	0.96	-0.31	0.56	-0.25	0.31	Sea
6435	466880	3451304	466927	3451386	-0.51	0.74	-0.54	0.80	-0.51	0.69	Sea
6436	466831	3451309	466860	3451414	-0.62	0.82	-0.65	0.82	-0.62	0.73	Sea
6437	466788	3451330	466820	3451420	-0.48	0.56	-0.53	0.81	-0.54	0.77	Sea
6438	466749	3451359	466772	3451417	-0.38	0.97	-0.31	0.60	-0.35	0.76	Sea
6439	466700	3451368	466731	3451440	-0.39	1.48	-0.30	0.35	-0.25	0.40	Sea
6440	466653	3451378	466713	3451451	-0.46	1.67	-0.36	0.34	-0.25	0.32	Sea
6441	466637	3451425	466682	3451469	-0.17	1.32	-0.06	0.02	-0.03	0.01	Sea
6442	466617	3451470	466667	3451507	0.12	1.33	0.22	0.30	0.09	0.09	Sea
6443	466601	3451517	466649	3451548	1.17	0.00	1.17	0.00	1.17	0.00	Sea
6444	466573	3451558	466627	3451592	-0.23	1.41	-0.13	0.09	-0.12	0.14	Sea
6445	466548	3451601	466585	3451631	-0.05	1.10	-0.07	0.04	-0.02	0.00	Sea
6446	466515	3451638	466557	3451668	-0.16	0.77	-0.11	0.13	0.00	0.00	Sea
6447	466475	3451669	466518	3451704	-0.24	1.24	-0.16	0.19	-0.17	0.32	Sea
6448	466433	3451694	466494	3451747	-0.14	1.31	-0.16	0.13	-0.10	0.03	Sea
6449	466384	3451704	466472	3451771	-0.32	1.66	-0.34	0.30	-0.26	0.12	Sea
6450	466338	3451723	466457	3451786	-0.79	2.33	-0.72	0.67	-0.56	0.34	Sea
6451	466311	3451765	466432	3451812	-0.87	3.01	-0.68	0.54	-0.46	0.19	Sea
6452	466295	3451810	466425	3451824	-0.86	0.88	-0.79	0.88	-1.00	0.95	Sea
6453	466328	3451845	466425	3451824	-0.60	0.65	-0.54	0.89	-0.59	0.96	Sea
6454	466377	3451855	466426	3451827	-0.31	0.45	-0.27	0.85	-0.33	0.95	Sea
6455	466426	3451863	466449	3451841	-0.16	0.41	-0.14	0.64	-0.20	0.88	Sea
6456	466471	3451884	466488	3451863	-0.12	0.32	-0.11	0.58	-0.17	0.87	Sea
6457	466506	3451920	466529	3451890	-0.21	0.41	-0.20	0.84	-0.23	0.93	Sea
6458	466532	3451962	466568	3451925	-0.31	0.34	-0.29	0.93	-0.30	0.97	Sea
6459	466556	3452006	466607	3451967	-0.41	0.45	-0.37	0.87	-0.36	0.94	Sea
6460	466586	3452045	466643	3452015	-0.40	0.56	-0.34	0.82	-0.42	0.93	Sea

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6461	466595	3452095	466664	3452064	-0.48	0.71	-0.41	0.80	-0.47	0.92	Sea
6462	466601	3452144	466675	3452113	-0.52	0.69	-0.46	0.84	-0.51	0.93	Sea
6463	466612	3452193	466689	3452166	-0.53	0.54	-0.47	0.91	-0.52	0.96	Sea
6464	466623	3452240	466720	3452208	-0.66	0.56	-0.61	0.94	-0.64	0.97	Sea
6466	466701	3452299	466752	3452279	0.29	0.05	0.30	1.00	0.29	0.99	Sea
6467	466733	3452337	466763	3452324	-0.25	0.50	-0.24	0.53	-0.33	0.90	Sea
6468	466758	3452381	466783	3452370	-0.09	0.53	-0.09	0.13	-0.19	0.70	Sea
6469	466773	3452428	466816	3452410	-0.21	0.94	-0.18	0.15	-0.35	0.74	Sea
6471	466796	3452516	466832	3452510	-0.42	0.00	-0.42	0.00	-0.42	0.00	Sea
6472	466795	3452566	466825	3452566	-0.61	0.00	-0.61	0.00	-0.61	0.00	Sea
6473	466789	3452616	466824	3452619	-0.77	0.00	-0.77	0.00	-0.77	0.00	Sea
6474	466786	3452666	466824	3452671	-0.19	0.46	-0.20	0.55	-0.21	0.88	Sea
6475	466766	3452712	466812	3452718	-0.31	0.58	-0.33	0.67	-0.34	0.92	Sea
6476	466751	3452759	466788	3452764	0.10	0.94	0.13	0.11	0.04	0.04	Sea
6477	466733	3452804	466790	3452813	NA	NA	NA	0.00	NA	0.00	Sea
6478	466734	3452849	466779	3452854	0.29	0.80	0.28	0.37	0.13	0.31	Sea
6479	466748	3452896	466782	3452899	NA	NA	NA	0.00	NA	0.00	Sea
6483	466734	3453096	466782	3453092	0.10	0.45	0.07	0.26	0.04	0.06	Sea
6484	466734	3453144	466775	3453138	0.03	0.97	0.10	0.15	0.06	0.14	Sea
6485	466750	3453191	466779	3453189	-0.03	0.50	0.02	0.02	-0.01	0.01	Sea
6486	466751	3453240	466790	3453236	0.03	0.83	-0.01	0.00	-0.04	0.01	Sea
6487	466750	3453289	466795	3453282	-0.11	0.92	-0.13	0.11	-0.15	0.46	Sea
6488	466742	3453338	466797	3453331	0.19	0.71	0.27	0.60	0.09	0.17	Sea
6489	466737	3453388	466814	3453387	0.36	0.67	0.43	0.75	0.19	0.42	Sea
6490	466730	3453437	466819	3453440	0.47	0.67	0.54	0.79	0.25	0.51	Sea
6491	466719	3453486	466815	3453503	0.53	0.65	0.60	0.81	0.30	0.58	Sea
6492	466707	3453535	466794	3453560	0.52	0.54	0.57	0.82	0.30	0.61	Sea
6493	466688	3453581	466767	3453618	0.51	0.48	0.55	0.86	0.33	0.74	Sea
6494	466682	3453629	466747	3453668	0.57	0.00	0.57	0.00	0.57	0.00	Sea
6495	466658	3453672	466720	3453713	0.35	0.69	0.43	0.77	0.21	0.53	Sea
6496	466645	3453720	466690	3453748	0.19	0.56	0.24	0.68	0.13	0.50	Sea
6497	466631	3453767	466655	3453782	0.03	0.37	0.07	0.23	-0.04	0.14	Sea
6498	466611	3453813	466638	3453826	-0.09	0.45	-0.04	0.10	-0.13	0.65	Sea
6499	466590	3453858	466628	3453871	-0.21	0.42	-0.17	0.68	-0.22	0.86	Sea
6500	466567	3453903	466619	3453914	-0.32	0.46	-0.28	0.86	-0.32	0.92	Sea
6501	466553	3453951	466611	3453960	-0.36	0.37	-0.33	0.93	-0.37	0.96	Sea
6502	466543	3454000	466603	3454008	-0.38	0.30	-0.35	0.95	-0.40	0.97	Sea
6503	466536	3454049	466598	3454054	-0.39	0.42	-0.34	0.89	-0.41	0.95	Sea
6504	466536	3454099	466601	3454094	-0.41	0.55	-0.35	0.82	-0.48	0.93	Sea
6505	466546	3454147	466596	3454122	-0.34	0.39	-0.30	0.84	-0.41	0.94	Sea
6506	466578	3454186	466601	3454158	-0.19	0.44	-0.14	0.50	-0.28	0.85	Sea
6507	466622	3454209	466631	3454158	0.16	0.62	0.17	0.26	0.41	0.73	Sea
6508	466669	3454217	466655	3454145	0.42	0.79	0.35	0.48	0.74	0.81	Sea
6509	466700	3454178	466674	3454125	0.36	0.46	0.33	0.80	0.49	0.90	Sea
6510	466740	3454148	466714	3454095	0.37	0.39	0.34	0.92	0.36	0.95	Sea
6511	466785	3454126	466759	3454075	0.35	0.28	0.33	0.93	0.31	0.96	Sea
6512	466833	3454111	466813	3454063	0.31	0.23	0.29	0.97	0.30	0.98	Sea
6513	466879	3454093	466859	3454042	0.33	0.30	0.33	0.96	0.31	0.97	Sea
6514	466926	3454075	466909	3454019	0.35	0.34	0.35	0.89	0.27	0.90	Sea
6515	466973	3454058	466960	3454010	0.30	0.28	0.30	0.89	0.22	0.89	Sea
6516	467022	3454048	467015	3454011	0.19	0.36	0.20	0.88	0.19	0.92	Sea
6517	467070	3454036	467066	3454008	0.10	0.48	0.11	0.56	0.12	0.71	Sea
6518	467119	3454022	467116	3453998	0.01	0.46	0.01	0.01	0.09	0.39	Sea
6519	467168	3454013	467164	3453991	0.02	0.35	0.02	0.05	0.08	0.47	Sea
6520	467217	3454003	467214	3453985	0.00	0.22	0.00	0.00	0.06	0.43	Sea
6521	467266	3454000	467263	3453977	-0.02	0.31	-0.01	0.01	0.06	0.29	Sea
6522	467316	3453994	467313	3453968	-0.03	0.43	-0.01	0.01	0.07	0.28	Sea
6523	467366	3453987	467362	3453962	0.01	0.45	0.03	0.05	0.08	0.40	Sea
6524	467415	3453984	467412	3453958	-0.03	0.48	-0.02	0.03	0.04	0.13	Sea
6525	467465	3453987	467461	3453951	-0.13	0.57	-0.11	0.35	-0.03	0.06	Sea
6526	467515	3453994	467508	3453948	-0.26	0.62	-0.24	0.68	-0.17	0.63	Sea
6527	467564	3454002	467553	3453941	-0.39	0.43	-0.37	0.89	-0.31	0.90	Sea
6528	467613	3454003	467596	3453932	-0.46	0.46	-0.45	0.93	-0.39	0.94	Sea
6529	467661	3453987	467639	3453922	-0.44	0.45	-0.44	0.96	-0.40	0.95	Sea
6530	467706	3453965	467681	3453907	-0.40	0.57	-0.39	0.93	-0.38	0.94	Sea
6531	467752	3453948	467720	3453888	-0.43	0.43	-0.42	0.96	-0.40	0.96	Sea
6532	467791	3453918	467754	3453867	-0.39	0.39	-0.38	0.95	-0.35	0.96	Sea
6533	467814	3453874	467788	3453844	-0.21	0.52	-0.22	0.81	-0.17	0.71	Sea
6534	467841	3453832	467818	3453808	-0.15	0.60	-0.16	0.66	-0.13	0.56	Sea
6535	467870	3453791	467850	3453772	-0.11	0.56	-0.12	0.55	-0.11	0.53	Sea
6536	467907	3453758	467884	3453735	-0.14	0.47	-0.15	0.71	-0.10	0.50	Sea
6537	467941	3453721	467921	3453700	-0.12	0.37	-0.13	0.72	-0.07	0.43	Sea
6538	467981	3453692	467959	3453665	-0.16	0.32	-0.17	0.82	-0.10	0.60	Sea
6539	468023	3453665	467998	3453634	-0.21	0.32	-0.23	0.84	-0.13	0.64	Sea
6540	468053	3453626	468042	3453606	-0.08	0.27	-0.09	0.73	-0.08	0.69	Sea
6541	468093	3453597	468086	3453577	0.02	0.29	0.02	0.05	-0.03	0.16	Sea
6542	468138	3453576	468128	3453541	0.12	0.39	0.13	0.40	0.00	0.00	Sea
6543	468185	3453559	468178	3453526	0.09	0.51	0.10	0.33	0.00	0.00	Sea
6544	468234	3453547	468230	3453518	-0.10	0.61	-0.10	0.39	-0.06	0.21	Sea

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6545	468281	3453536	468279	3453508	-0.13	0.49	-0.13	0.63	-0.11	0.61	Sea
6546	468329	3453533	468325	3453502	-0.15	0.39	-0.15	0.77	-0.10	0.62	Sea
6547	468379	3453534	468376	3453493	-0.20	0.61	-0.20	0.61	-0.09	0.26	Sea
6548	468429	3453532	468428	3453489	-0.23	0.46	-0.22	0.75	-0.15	0.63	Sea
6549	468478	3453524	468480	3453487	-0.20	0.45	-0.18	0.74	-0.16	0.81	Sea
6550	468528	3453527	468531	3453487	-0.22	0.47	-0.18	0.67	-0.20	0.87	Sea
6551	468576	3453540	468585	3453494	-0.27	0.39	-0.25	0.82	-0.23	0.91	Sea
6552	468623	3453558	468637	3453511	-0.29	0.44	-0.26	0.76	-0.22	0.85	Sea
6553	468665	3453583	468686	3453532	-0.33	0.51	-0.29	0.76	-0.27	0.88	Sea
6554	468708	3453606	468732	3453555	-0.34	0.44	-0.30	0.81	-0.28	0.90	Sea
6555	468743	3453641	468776	3453579	-0.44	0.43	-0.41	0.90	-0.38	0.94	Sea
6556	468773	3453680	468824	3453601	-0.62	0.55	-0.59	0.93	-0.56	0.96	Sea
6557	468810	3453713	468873	3453632	-0.69	0.55	-0.66	0.96	-0.67	0.97	Sea
6558	468844	3453749	468919	3453672	-0.73	0.52	-0.68	0.95	-0.71	0.98	Sea
6559	468871	3453791	468958	3453718	-0.76	0.56	-0.71	0.95	-0.74	0.98	Sea
6560	468896	3453834	468992	3453777	-0.75	0.58	-0.70	0.95	-0.73	0.97	Sea
6561	468927	3453873	469025	3453829	-0.72	0.90	-0.64	0.86	-0.72	0.94	Sea
6562	468958	3453913	469046	3453887	-0.61	1.01	-0.52	0.78	-0.63	0.90	Sea
6563	468982	3453956	469053	3453942	-0.46	0.88	-0.37	0.68	-0.45	0.88	Sea
6564	468999	3454003	469061	3453994	-0.39	0.98	-0.29	0.52	-0.39	0.81	Sea
6565	469004	3454053	469063	3454046	-0.36	0.92	-0.28	0.53	-0.34	0.77	Sea
6566	468999	3454103	469076	3454091	-0.49	0.94	-0.41	0.66	-0.40	0.81	Sea
6567	468996	3454152	469074	3454142	-0.50	0.91	-0.43	0.64	-0.34	0.72	Sea
6568	468994	3454202	469086	3454194	-0.61	1.02	-0.52	0.71	-0.49	0.84	Sea
6569	469001	3454251	469087	3454252	-0.56	0.85	-0.49	0.79	-0.48	0.88	Sea
6570	469013	3454299	469079	3454303	-0.42	0.70	-0.37	0.75	-0.34	0.83	Sea
6571	469014	3454349	469072	3454359	-0.36	0.90	-0.29	0.53	-0.29	0.71	Sea
6572	469017	3454398	469064	3454409	-0.28	0.86	-0.21	0.45	-0.24	0.65	Sea
6573	469011	3454448	469051	3454458	-0.22	0.82	-0.15	0.31	-0.21	0.61	Sea
6574	468988	3454492	469035	3454507	-0.29	0.89	-0.22	0.43	-0.25	0.65	Sea
6575	468957	3454531	469019	3454556	-0.40	1.12	-0.32	0.48	-0.31	0.63	Sea
6576	468935	3454576	468999	3454604	-0.42	1.20	-0.33	0.47	-0.32	0.62	Sea
6577	468923	3454624	468974	3454646	-0.33	1.01	-0.25	0.43	-0.27	0.63	Sea
6578	468913	3454669	468952	3454686	-0.23	0.95	-0.15	0.26	-0.22	0.57	Sea
6579	468885	3454709	468936	3454730	-0.27	1.17	-0.18	0.24	-0.21	0.44	Sea
6580	468878	3454758	468922	3454775	-0.19	1.04	-0.11	0.12	-0.13	0.28	Sea
6581	468868	3454807	468905	3454820	-0.11	0.82	-0.05	0.04	-0.06	0.12	Sea
6582	468852	3454854	468886	3454865	-0.12	0.70	-0.07	0.09	-0.06	0.16	Sea
6583	468834	3454901	468873	3454912	-0.14	0.66	-0.08	0.12	-0.03	0.05	Sea
6584	468823	3454950	468861	3454958	-0.10	0.67	-0.05	0.05	0.00	0.00	Sea
6585	468801	3454994	468853	3455000	-0.15	0.91	-0.09	0.09	-0.02	0.01	Sea
6586	468807	3455042	468848	3455042	-0.01	0.76	0.04	0.03	0.07	0.16	Sea
6587	468811	3455091	468850	3455087	0.01	0.65	0.05	0.05	0.11	0.34	Sea
6588	468820	3455140	468860	3455132	0.04	0.67	0.09	0.15	0.12	0.40	Sea
6589	468835	3455188	468874	3455175	0.11	0.65	0.16	0.44	0.13	0.48	Sea
6590	468858	3455232	468891	3455217	0.12	0.57	0.17	0.54	0.13	0.57	Sea
6591	468880	3455277	468908	3455260	0.10	0.48	0.14	0.52	0.11	0.58	Sea
6592	468909	3455318	468935	3455292	0.14	0.46	0.18	0.67	0.11	0.56	Sea
6593	468944	3455354	468957	3455323	0.07	0.48	0.11	0.42	0.09	0.46	Sea
6594	468989	3455370	468987	3455343	-0.07	0.47	-0.03	0.05	-0.01	0.01	Sea
6595	469028	3455343	469021	3455327	-0.05	0.05	-0.05	0.81	-0.03	0.76	Sea
6596	469063	3455306	469044	3455289	-0.11	0.15	-0.11	0.66	-0.05	0.38	Sea
6597	469096	3455269	469061	3455250	-0.23	0.27	-0.21	0.72	-0.12	0.58	Sea
6598	469127	3455230	469079	3455208	-0.32	0.35	-0.31	0.75	-0.18	0.65	Sea
6599	469138	3455183	469098	3455165	-0.25	0.29	-0.24	0.76	-0.15	0.67	Sea
6600	469144	3455134	469118	3455122	-0.14	0.20	-0.12	0.75	-0.10	0.84	Sea
6601	469164	3455089	469141	3455077	-0.11	0.18	-0.10	0.76	-0.09	0.83	Sea
6602	469188	3455045	469166	3455033	-0.12	0.14	-0.11	0.81	-0.08	0.83	Sea
6603	469210	3455001	469190	3454989	-0.09	0.17	-0.09	0.75	-0.06	0.62	Sea
6604	469234	3454956	469215	3454946	-0.08	0.17	-0.07	0.58	-0.04	0.52	Sea
6605	469259	3454913	469237	3454902	-0.10	0.23	-0.08	0.49	-0.05	0.48	Sea
6606	469285	3454871	469260	3454858	-0.13	0.24	-0.12	0.66	-0.09	0.72	Sea
6607	469301	3454824	469282	3454814	-0.08	0.35	-0.05	0.29	-0.08	0.69	Sea
6608	469324	3454779	469304	3454770	-0.03	0.41	-0.01	0.00	-0.08	0.49	Sea
6609	469352	3454738	469323	3454727	0.04	0.49	0.05	0.09	-0.06	0.21	Sea
6610	469377	3454695	469341	3454678	0.13	0.46	0.14	0.39	0.00	0.00	Sea
6611	469403	3454652	469359	3454632	0.17	0.41	0.17	0.47	0.03	0.03	Sea
6612	469425	3454608	469367	3454582	0.33	0.40	0.36	0.74	0.14	0.37	Sea
6613	469449	3454564	469404	3454542	0.22	0.52	0.27	0.72	0.10	0.29	Sea
6614	469476	3454522	469419	3454485	0.31	0.77	0.38	0.69	0.13	0.23	Sea
6615	469503	3454480	469434	3454436	0.43	0.69	0.49	0.86	0.34	0.85	Sea
6616	469526	3454436	469466	3454392	0.36	0.70	0.42	0.78	0.23	0.66	Sea
6617	469554	3454394	469510	3454353	0.23	0.76	0.29	0.65	0.13	0.42	Sea
6618	469583	3454354	469545	3454317	0.15	0.88	0.21	0.47	0.08	0.19	Sea
6619	469612	3454313	469580	3454285	0.09	0.93	0.14	0.29	0.06	0.13	Sea
6620	469640	3454272	469610	3454248	0.06	0.87	0.10	0.22	0.07	0.20	Sea
6621	469668	3454231	469637	3454207	0.05	0.87	0.08	0.16	0.09	0.27	Sea
6622	469692	3454187	469664	3454167	0.00	0.82	0.01	0.01	0.07	0.16	Sea
6623	469723	3454148	469693	3454126	-0.01	0.90	0.00	0.00	0.03	0.04	Sea

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6624	469754	3454109	469722	3454086	-0.01	0.94	0.00	0.00	0.05	0.08	Sea
6625	469783	3454068	469751	3454046	-0.09	1.00	-0.08	0.13	-0.01	0.00	Sea
6626	469819	3454033	469777	3454006	-0.18	1.00	-0.18	0.37	-0.05	0.05	Sea
6627	469857	3454000	469801	3453965	-0.30	1.08	-0.29	0.52	-0.11	0.15	Sea
6628	469891	3453964	469827	3453923	-0.34	1.27	-0.34	0.51	-0.11	0.11	Sea
6629	469925	3453927	469854	3453878	-0.35	1.60	-0.35	0.43	-0.07	0.03	Sea
6630	469957	3453889	469889	3453831	-0.32	1.75	-0.32	0.33	0.00	0.00	Sea
6631	469984	3453847	469922	3453793	-0.27	1.59	-0.26	0.27	0.05	0.01	Sea
6632	470011	3453805	469957	3453757	-0.17	1.46	-0.17	0.15	0.14	0.11	Sea
6633	470040	3453764	470004	3453711	-0.11	0.64	-0.09	0.13	0.09	0.15	Sea
6634	470069	3453724	470041	3453661	-0.13	0.93	-0.15	0.38	-0.07	0.11	Sea
6635	470108	3453693	470072	3453631	-0.15	1.04	-0.19	0.41	-0.05	0.05	Sea
6636	470156	3453682	470134	3453637	-0.06	0.76	-0.09	0.09	0.20	0.32	Sea
6637	470197	3453654	470178	3453603	0.00	0.62	-0.03	0.02	0.22	0.44	Sea
6638	470244	3453640	470207	3453587	0.03	1.57	0.04	0.01	0.11	0.06	Sea
6639	470292	3453626	470229	3453564	0.07	2.40	0.13	0.07	0.18	0.06	Sea
6640	470338	3453606	470266	3453537	-0.22	2.32	-0.11	0.04	-0.17	0.05	Sea
6641	470377	3453575	470292	3453509	-0.62	2.07	-0.47	0.47	-0.52	0.37	Sea
6642	470421	3453568	470299	3453497	-0.67	2.23	-0.49	0.43	-0.53	0.35	Sea
6643	470467	3453573	470299	3453492	-1.17	2.54	-0.97	0.66	-0.93	0.56	Sea
6644	470478	3453526	470317	3453451	-1.04	2.31	-0.85	0.67	-0.86	0.58	Sea
6645	470510	3453489	470319	3453447	-1.14	2.27	-1.00	0.78	-1.02	0.66	Sea
6646	470553	3453464	470319	3453443	-1.37	2.29	-1.26	0.86	-1.27	0.75	Sea
6647	470549	3453483	470319	3453447	-1.23	2.30	-1.09	0.81	-1.11	0.69	Sea
6648	470518	3453519	470319	3453447	-1.01	2.24	-0.85	0.71	-0.87	0.59	Sea
6649	470561	3453537	470319	3453447	-1.55	2.46	-1.40	0.80	-1.30	0.71	Sea
6650	470610	3453526	470319	3453447	-1.90	2.63	-1.77	0.84	-1.62	0.75	Sea
6651	470658	3453511	470319	3453447	-2.23	2.77	-2.11	0.86	-1.92	0.78	Sea
6652	470702	3453488	470319	3453443	-2.52	2.86	-2.42	0.88	-2.20	0.81	Sea
6653	470745	3453462	470319	3453443	-2.76	2.98	-2.69	0.88	-2.42	0.81	Sea
6654	470786	3453434	470319	3453443	-3.03	3.21	-2.97	0.88	-2.66	0.81	Sea
6655	470828	3453407	470319	3453443	-3.34	3.50	-3.28	0.88	-2.93	0.81	Sea
6656	470867	3453376	470319	3453373	-3.93	3.86	-3.79	0.90	-3.48	0.84	Sea
6657	470906	3453344	470319	3453368	-4.21	4.04	-4.08	0.89	-3.70	0.83	Sea
6658	470942	3453310	470318	3453363	-4.53	4.25	-4.40	0.88	-3.96	0.82	Sea
6659	470975	3453273	470318	3453363	-4.81	4.44	-4.68	0.87	-4.19	0.81	Sea
6660	471014	3453247	470318	3453363	-4.97	4.53	-4.84	0.87	-4.31	0.80	Sea
6661	471062	3453259	470318	3453363	-4.82	4.44	-4.69	0.87	-4.20	0.80	Sea
6662	471111	3453259	470318	3453363	-4.78	4.42	-4.65	0.87	-4.16	0.81	Sea
6663	471137	3453220	468854	3453619	-5.01	4.56	-4.88	0.87	-4.34	0.80	Sea
6664	471123	3453173	470318	3453359	-5.05	4.53	-4.92	0.86	-4.37	0.79	Sea
6665	471113	3453124	470318	3453359	-4.66	4.15	-4.52	0.87	-4.04	0.80	Sea
6666	471086	3453082	470316	3453354	-4.25	3.75	-4.10	0.88	-3.71	0.82	Sea
6667	471044	3453055	470316	3453354	-4.05	3.55	-3.90	0.88	-3.54	0.83	Sea
6668	470999	3453033	470314	3453350	-3.91	3.38	-3.75	0.89	-3.42	0.84	Sea
6669	470953	3453014	470314	3453350	-3.78	3.23	-3.61	0.89	-3.32	0.85	Sea
6670	470908	3452992	470310	3453342	-3.63	3.03	-3.46	0.90	-3.20	0.86	Sea
6671	470862	3452973	470301	3453329	-3.51	2.83	-3.34	0.90	-3.10	0.87	Sea
6672	470820	3452947	470289	3453316	-3.39	2.69	-3.21	0.91	-3.02	0.88	Sea
6673	470776	3452924	470280	3453306	-3.26	2.61	-3.07	0.92	-2.91	0.89	Sea
6674	470736	3452894	470274	3453294	-3.05	2.54	-2.86	0.91	-2.72	0.89	Sea
6675	470693	3452868	470203	3453266	-2.95	2.83	-2.69	0.91	-2.66	0.90	Sea
6676	470654	3452837	470170	3453220	-2.59	2.71	-2.34	0.89	-2.31	0.88	Sea
6677	470612	3452810	470139	3453174	-2.37	2.69	-2.15	0.86	-2.06	0.83	Sea
6678	470569	3452786	470111	3453128	-2.33	1.83	-2.18	0.94	-2.16	0.94	Sea
6679	470524	3452764	470094	3453077	-2.14	2.04	-2.11	0.95	-2.07	0.91	Sea
6680	470478	3452744	470094	3453077	-2.11	2.19	-2.09	0.95	-2.06	0.90	Sea
6681	470433	3452721	470046	3453054	-2.22	3.03	-2.21	0.93	-2.23	0.87	Sea
6682	470389	3452698	470008	3453022	-2.12	3.61	-2.13	0.90	-2.18	0.82	Sea
6683	470348	3452670	469983	3452960	-1.79	3.99	-1.86	0.85	-1.89	0.72	Sea
6684	470306	3452643	469955	3452905	-1.51	3.64	-1.63	0.83	-1.65	0.69	Sea
6685	470265	3452614	469919	3452858	-1.35	3.08	-1.49	0.83	-1.51	0.72	Sea
6686	470224	3452586	469911	3452842	-1.27	2.86	-1.42	0.83	-1.43	0.72	Sea
6687	470181	3452560	469899	3452817	-0.69	3.36	-0.97	0.53	-0.81	0.31	Sea
6688	470143	3452527	469884	3452805	-0.69	3.22	-0.97	0.54	-0.80	0.32	Sea
6689	470105	3452495	469862	3452784	-0.71	3.00	-0.98	0.57	-0.80	0.34	Sea
6690	470066	3452463	469832	3452762	-0.71	2.76	-0.97	0.58	-0.79	0.37	Sea
6691	470027	3452432	469791	3452730	-0.75	2.44	-0.99	0.64	-0.83	0.45	Sea
6692	469992	3452397	469753	3452699	-0.77	2.27	-0.99	0.68	-0.85	0.51	Sea
6693	469953	3452365	469707	3452663	-0.75	2.28	-0.96	0.68	-0.83	0.51	Sea
6694	469916	3452332	469667	3452629	-0.72	2.45	-0.93	0.66	-0.82	0.48	Sea
6695	469878	3452299	469624	3452592	-0.70	2.81	-0.92	0.61	-0.81	0.40	Sea
6696	469839	3452268	469584	3452557	-0.74	3.00	-0.95	0.61	-0.83	0.38	Sea
6697	469798	3452239	469539	3452515	-0.77	2.87	-0.96	0.65	-0.87	0.44	Sea
6698	469760	3452207	469499	3452477	-0.76	2.66	-0.94	0.68	-0.87	0.49	Sea
6699	469722	3452175	469463	3452445	-0.79	2.33	-0.95	0.74	-0.90	0.57	Sea
6700	469683	3452143	469437	3452415	-0.84	1.99	-0.97	0.81	-0.93	0.67	Sea
6701	469645	3452111	469407	3452387	-0.88	1.78	-0.99	0.85	-0.96	0.73	Sea
6702	469607	3452079	469367	3452359	-0.92	1.62	-1.01	0.89	-0.99	0.78	Sea

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6703	469567	3452048	469330	3452331	-0.94	1.37	-1.01	0.92	-1.01	0.84	Sea
6704	469527	3452018	469291	3452300	-0.96	0.84	-1.01	0.97	-0.99	0.93	Sea
6705	469488	3451987	469246	3452253	-0.90	0.66	-0.91	0.92	-0.82	0.88	Sea
6706	469447	3451959	469196	3452210	-0.87	1.72	-0.97	0.82	-1.03	0.77	Sea
6707	469404	3451932	469159	3452171	-0.83	1.82	-0.92	0.78	-1.00	0.73	Sea
6708	469363	3451905	469121	3452131	-0.78	1.85	-0.87	0.74	-0.96	0.70	Sea
6709	469324	3451874	469083	3452086	-0.71	1.87	-0.79	0.70	-0.89	0.66	Sea
6710	469284	3451843	469049	3452046	-0.67	1.88	-0.74	0.67	-0.85	0.63	Sea
6711	469242	3451816	469017	3452011	-0.65	1.84	-0.71	0.65	-0.83	0.63	Sea
6712	469200	3451789	468986	3451978	-0.63	1.80	-0.68	0.63	-0.80	0.62	Sea
6713	469160	3451760	468956	3451942	-0.60	1.80	-0.65	0.61	-0.78	0.60	Sea
6714	469116	3451735	468933	3451914	-0.59	1.83	-0.63	0.60	-0.76	0.59	Sea
6715	469076	3451706	468902	3451878	-0.57	1.86	-0.62	0.58	-0.75	0.57	Sea
6716	469032	3451681	468859	3451856	-0.67	1.75	-0.70	0.60	-0.86	0.62	Sea
6717	468987	3451661	468835	3451828	-0.65	1.64	-0.67	0.58	-0.84	0.61	Sea
6718	468944	3451636	468799	3451789	-0.61	1.48	-0.65	0.56	-0.81	0.60	Sea
6719	468900	3451610	468749	3451755	-0.67	1.36	-0.69	0.54	-0.88	0.59	Sea
6720	468855	3451589	468714	3451720	-0.64	1.22	-0.67	0.53	-0.85	0.58	Sea
6721	468810	3451569	468685	3451683	-0.56	1.18	-0.59	0.46	-0.77	0.53	Sea
6722	468763	3451550	468652	3451643	-0.49	1.23	-0.52	0.40	-0.70	0.47	Sea
6723	468716	3451534	468626	3451613	-0.48	1.22	-0.52	0.42	-0.69	0.48	Sea
6724	468675	3451507	468598	3451580	-0.45	1.29	-0.49	0.38	-0.65	0.45	Sea
6725	468640	3451471	468565	3451544	-0.41	1.35	-0.46	0.34	-0.62	0.41	Sea
6726	468606	3451434	468527	3451509	-0.42	1.35	-0.45	0.32	-0.63	0.39	Sea
6727	468569	3451401	468488	3451475	-0.44	1.30	-0.45	0.31	-0.64	0.39	Sea
6728	468531	3451368	468458	3451435	-0.38	1.27	-0.40	0.29	-0.57	0.36	Sea
6729	468497	3451331	468427	3451392	-0.32	1.23	-0.34	0.24	-0.50	0.33	Sea
6730	468462	3451295	468395	3451354	-0.27	1.18	-0.29	0.20	-0.44	0.29	Sea
6731	468427	3451261	468362	3451322	-0.25	1.14	-0.26	0.19	-0.41	0.28	Sea
6732	468391	3451225	468330	3451286	-0.26	1.18	-0.27	0.19	-0.42	0.27	Sea
6733	468357	3451189	468292	3451251	-0.32	1.20	-0.31	0.22	-0.48	0.30	Sea
6734	468324	3451151	468257	3451219	-0.35	1.20	-0.33	0.22	-0.52	0.31	Sea
6735	468290	3451115	468222	3451183	-0.33	1.19	-0.31	0.20	-0.50	0.29	Sea
6736	468255	3451079	468186	3451146	-0.29	1.20	-0.27	0.17	-0.45	0.26	Sea
6737	468221	3451042	468149	3451111	-0.25	1.10	-0.24	0.14	-0.41	0.25	Sea
6738	468190	3451003	468114	3451074	-0.18	1.13	-0.18	0.09	-0.35	0.19	Sea
6739	468160	3450963	468079	3451035	-0.13	1.18	-0.14	0.05	-0.32	0.15	Sea
6740	468125	3450927	468048	3450995	-0.10	1.11	-0.11	0.03	-0.28	0.13	Sea
6741	468088	3450894	468014	3450956	-0.10	1.01	-0.09	0.03	-0.25	0.13	Sea
6742	468052	3450859	467981	3450919	-0.09	0.94	-0.09	0.04	-0.23	0.13	Sea
6743	468018	3450823	467948	3450882	-0.07	0.86	-0.07	0.02	-0.20	0.12	Sea
6744	467983	3450786	467915	3450842	-0.03	0.82	-0.04	0.01	-0.16	0.09	Sea
6745	467948	3450751	467882	3450806	0.01	0.85	0.00	0.00	-0.12	0.05	Sea
6746	467915	3450714	467848	3450769	0.02	0.96	0.00	0.00	-0.09	0.03	Sea
6747	467881	3450677	467817	3450731	0.02	1.08	-0.01	0.00	-0.07	0.03	Sea
6748	467848	3450639	467786	3450690	0.02	1.14	-0.01	0.00	-0.06	0.02	Sea
6749	467815	3450602	467754	3450653	0.03	1.23	-0.01	0.00	-0.05	0.01	Sea
6750	467782	3450564	467721	3450611	0.03	1.21	0.00	0.00	-0.03	0.01	Sea
6751	467749	3450527	467691	3450570	0.04	1.17	0.02	0.01	0.00	0.00	Sea
6752	467715	3450490	467658	3450532	0.09	1.12	0.06	0.06	0.04	0.01	Sea
6753	467682	3450452	467630	3450492	0.12	1.03	0.10	0.14	0.08	0.05	Sea
6754	467653	3450411	467599	3450451	0.16	1.25	0.14	0.19	0.12	0.08	Sea
6755	467624	3450371	467568	3450413	0.20	1.46	0.18	0.24	0.16	0.12	Sea
6756	467592	3450333	467538	3450375	0.21	1.51	0.18	0.24	0.17	0.13	Sea
6757	467560	3450294	467509	3450333	0.23	1.51	0.20	0.27	0.19	0.14	Sea
6758	467528	3450256	467476	3450295	0.28	1.47	0.27	0.42	0.25	0.25	Sea
6759	467496	3450218	467447	3450255	0.29	1.56	0.26	0.41	0.27	0.27	Sea
6760	467463	3450180	467417	3450216	0.30	1.57	0.27	0.42	0.29	0.31	Sea
6761	467431	3450141	467385	3450179	0.31	1.63	0.28	0.42	0.31	0.33	Sea
6762	467399	3450103	467353	3450140	0.35	1.64	0.31	0.47	0.34	0.38	Sea
6763	467369	3450063	467319	3450103	0.41	1.56	0.38	0.60	0.41	0.50	Sea
6764	467342	3450021	467289	3450064	0.43	1.48	0.41	0.66	0.45	0.57	Sea
6765	467313	3449980	467260	3450024	0.44	1.35	0.42	0.70	0.47	0.63	Sea
6766	467284	3449939	467228	3449983	0.46	1.34	0.42	0.70	0.48	0.65	Sea
6767	467256	3449898	467195	3449945	0.49	1.33	0.44	0.70	0.50	0.69	Sea
6768	467228	3449857	467161	3449907	0.54	1.23	0.49	0.76	0.55	0.76	Sea
6769	467200	3449815	467132	3449863	0.55	1.14	0.48	0.76	0.54	0.78	Sea
6770	467171	3449774	467102	3449819	0.54	1.09	0.46	0.74	0.52	0.79	Sea
6771	467145	3449732	467077	3449777	0.53	1.05	0.45	0.71	0.52	0.77	Sea
6772	467116	3449691	467052	3449734	0.50	0.99	0.42	0.67	0.50	0.75	Sea
6773	467088	3449650	467023	3449694	0.50	0.96	0.41	0.65	0.50	0.73	Sea
6774	467059	3449609	466994	3449656	0.52	1.07	0.42	0.60	0.51	0.69	Sea
6775	467031	3449568	466966	3449617	0.53	1.18	0.41	0.56	0.52	0.66	Sea
6776	467003	3449526	466935	3449577	0.55	1.24	0.43	0.54	0.54	0.65	Sea
6777	466974	3449485	466906	3449536	0.54	1.21	0.42	0.53	0.54	0.64	Sea
6778	466949	3449442	466874	3449497	0.56	1.28	0.44	0.49	0.58	0.61	Sea
6779	466920	3449401	466845	3449456	0.54	1.17	0.43	0.50	0.57	0.61	Sea
6780	466892	3449360	466812	3449418	0.53	1.16	0.42	0.48	0.57	0.59	Sea
6781	466866	3449317	466783	3449377	0.53	1.22	0.41	0.44	0.56	0.56	Sea

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6782	466840	3449274	466754	3449335	0.53	1.38	0.39	0.35	0.56	0.49	Sea
6783	466815	3449232	466728	3449294	0.53	1.42	0.39	0.31	0.58	0.45	Sea
6784	466791	3449187	466698	3449252	0.55	1.64	0.38	0.25	0.61	0.40	Sea
6785	466770	3449142	466669	3449212	0.59	1.79	0.41	0.23	0.66	0.39	Sea
6786	466748	3449097	466643	3449171	0.61	1.91	0.43	0.21	0.71	0.37	Sea
6787	466727	3449052	466615	3449132	0.63	2.07	0.43	0.18	0.75	0.35	Sea
6788	466693	3449017	466587	3449091	0.37	1.61	0.23	0.08	0.49	0.25	Sea
6789	466649	3449039	466583	3449085	-0.11	0.76	-0.14	0.13	-0.02	0.00	Sea
6790	466615	3449020	466563	3449057	-0.34	0.58	-0.32	0.66	-0.26	0.49	Sea
6791	466590	3448977	466530	3449019	-0.47	0.58	-0.43	0.83	-0.40	0.77	Sea
6792	466565	3448933	466499	3448978	-0.52	0.69	-0.46	0.80	-0.43	0.76	Sea
6793	466535	3448893	466470	3448938	-0.50	0.87	-0.43	0.70	-0.40	0.66	Sea
6794	466507	3448852	466440	3448896	-0.48	0.95	-0.40	0.63	-0.38	0.58	Sea
6795	466479	3448810	466413	3448852	-0.45	0.94	-0.38	0.59	-0.34	0.51	Sea
6796	466451	3448769	466387	3448809	-0.43	0.90	-0.36	0.57	-0.32	0.46	Sea
6797	466424	3448727	466361	3448767	-0.42	0.83	-0.36	0.57	-0.31	0.44	Sea
6798	466398	3448684	466335	3448726	-0.42	0.78	-0.37	0.59	-0.31	0.45	Sea
6799	466369	3448643	466309	3448684	-0.39	0.87	-0.34	0.53	-0.28	0.39	Sea
6800	466345	3448599	466279	3448645	-0.40	0.78	-0.36	0.56	-0.29	0.39	Sea
6801	466321	3448556	466249	3448604	-0.41	0.76	-0.38	0.58	-0.30	0.39	Sea
6802	466291	3448516	466222	3448562	-0.36	0.74	-0.35	0.56	-0.28	0.35	Sea
6803	466261	3448475	466195	3448519	-0.33	0.81	-0.31	0.49	-0.24	0.27	Sea
6804	466233	3448434	466170	3448476	-0.30	0.81	-0.29	0.45	-0.21	0.22	Sea
6805	466204	3448393	466140	3448434	-0.26	0.72	-0.27	0.43	-0.18	0.18	Sea
6806	466175	3448353	466113	3448392	-0.22	0.59	-0.22	0.38	-0.14	0.14	Sea
6807	466166	3448340	466104	3448376	-0.21	0.53	-0.21	0.35	-0.12	0.11	Sea
6808	464788	3445649	464559	3445912	2.47	3.55	2.67	0.86	2.86	0.84	St Simons
6809	464740	3445634	464551	3445906	2.31	3.65	2.57	0.85	2.71	0.82	St Simons
6810	464694	3445616	464476	3445867	1.98	3.48	2.25	0.81	2.39	0.79	St Simons
6811	464656	3445584	464297	3445925	1.71	3.44	1.99	0.74	2.14	0.74	St Simons
6812	464617	3445553	464336	3445758	1.43	3.57	1.71	0.65	1.88	0.66	St Simons
6813	464582	3445517	464308	3445670	1.18	4.72	1.45	0.47	1.66	0.48	St Simons
6814	464547	3445481	464277	3445593	0.92	6.01	1.20	0.30	1.44	0.31	St Simons
6815	464513	3445446	464269	3445565	0.64	5.34	0.71	0.19	0.72	0.14	St Simons
6816	464474	3445414	464259	3445542	0.55	5.13	0.60	0.15	0.61	0.11	St Simons
6817	464432	3445386	464242	3445521	0.46	4.91	0.49	0.12	0.49	0.08	St Simons
6818	464391	3445358	464219	3445498	0.40	4.67	0.38	0.08	0.39	0.06	St Simons
6819	464350	3445330	464189	3445465	0.32	4.52	0.26	0.04	0.27	0.03	St Simons
6820	464309	3445301	464158	3445428	0.24	4.28	0.19	0.03	0.20	0.02	St Simons
6821	464269	3445272	464126	3445389	0.19	3.99	0.21	0.04	0.20	0.02	St Simons
6822	464227	3445244	464095	3445351	0.13	3.64	0.15	0.02	0.15	0.02	St Simons
6823	464184	3445219	464067	3445316	0.06	3.31	0.07	0.01	0.06	0.00	St Simons
6824	464141	3445193	464033	3445275	-0.05	2.98	-0.03	0.00	-0.03	0.00	St Simons
6825	464101	3445163	463994	3445230	-0.10	2.79	-0.10	0.02	-0.10	0.01	St Simons
6826	464060	3445134	463969	3445197	-0.15	2.32	-0.17	0.07	-0.15	0.04	St Simons
6827	464019	3445106	463949	3445157	-0.20	1.75	-0.22	0.17	-0.20	0.10	St Simons
6828	463986	3445069	463930	3445110	-0.25	1.04	-0.27	0.40	-0.25	0.27	St Simons
6829	463954	3445031	463903	3445083	-0.31	0.87	-0.36	0.59	-0.34	0.44	St Simons
6830	463924	3444990	463878	3445059	-0.39	0.72	-0.47	0.74	-0.44	0.59	St Simons
6831	463895	3444950	463839	3445035	-0.48	0.77	-0.57	0.80	-0.53	0.66	St Simons
6832	463869	3444907	463798	3445020	-0.59	1.75	-0.70	0.71	-0.67	0.51	St Simons
6833	463840	3444867	463764	3444992	-0.67	1.96	-0.80	0.74	-0.77	0.54	St Simons
6834	463809	3444827	463722	3444963	-0.74	1.93	-0.88	0.76	-0.85	0.58	St Simons
6835	463777	3444789	463681	3444931	-0.80	1.14	-0.92	0.84	-0.87	0.72	St Simons
6836	463744	3444751	463640	3444907	-1.19	1.42	-1.38	0.92	-1.33	0.85	St Simons
6837	463710	3444715	463600	3444884	-1.28	1.30	-1.47	0.92	-1.41	0.85	St Simons
6838	463674	3444680	463563	3444860	-1.35	1.10	-1.53	0.91	-1.46	0.84	St Simons
6839	463637	3444647	463521	3444830	-1.39	1.15	-1.58	0.87	-1.46	0.78	St Simons
6840	463599	3444614	463480	3444807	-1.42	1.52	-1.62	0.83	-1.48	0.73	St Simons
6841	463560	3444583	463437	3444782	-1.45	1.62	-1.65	0.82	-1.50	0.71	St Simons
6842	463518	3444555	463402	3444761	-1.45	1.59	-1.66	0.82	-1.51	0.71	St Simons
6843	463475	3444529	463368	3444743	-1.44	1.55	-1.65	0.82	-1.50	0.71	St Simons
6844	463432	3444505	463330	3444720	-1.41	1.78	-1.62	0.80	-1.46	0.68	St Simons
6845	463387	3444482	463277	3444723	-1.66	1.61	-1.94	0.84	-1.79	0.74	St Simons
6846	463342	3444462	463250	3444704	-1.65	1.59	-1.91	0.83	-1.75	0.73	St Simons
6847	463294	3444446	463213	3444682	-1.61	1.57	-1.86	0.84	-1.71	0.73	St Simons
6848	463246	3444433	463161	3444665	-1.53	1.79	-1.79	0.82	-1.62	0.72	St Simons
6849	463198	3444418	463120	3444653	-1.48	1.84	-1.74	0.80	-1.58	0.68	St Simons
6850	463150	3444404	463077	3444640	-1.42	1.91	-1.68	0.77	-1.52	0.65	St Simons
6851	463103	3444388	463026	3444622	-1.36	1.92	-1.61	0.75	-1.44	0.60	St Simons
6852	463055	3444375	462978	3444606	-1.24	2.15	-1.46	0.70	-1.28	0.55	St Simons
6853	463005	3444366	462931	3444590	-1.20	2.11	-1.40	0.71	-1.23	0.55	St Simons
6854	462956	3444362	462879	3444574	-1.25	2.07	-1.42	0.77	-1.27	0.64	St Simons
6855	462906	3444362	462829	3444556	-1.16	2.01	-1.30	0.76	-1.16	0.63	St Simons
6856	462856	3444365	462787	3444537	-1.03	1.76	-1.17	0.77	-1.04	0.65	St Simons
6857	462806	3444369	462747	3444518	-0.87	1.50	-0.96	0.74	-0.87	0.61	St Simons
6858	462756	3444373	462712	3444501	-0.74	1.19	-0.83	0.75	-0.75	0.63	St Simons
6859	462706	3444377	462673	3444489	-0.67	0.87	-0.74	0.79	-0.68	0.68	St Simons
6860	462656	3444381	462637	3444484	-0.61	0.73	-0.66	0.80	-0.61	0.70	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6861	462607	3444387	462600	3444478	-0.53	0.70	-0.56	0.79	-0.52	0.68	St Simons
6862	462557	3444395	462557	3444471	-0.39	0.64	-0.43	0.72	-0.40	0.58	St Simons
6863	462508	3444398	462509	3444477	-0.46	0.42	-0.49	0.88	-0.47	0.82	St Simons
6864	462459	3444409	462466	3444483	-0.43	0.34	-0.46	0.93	-0.45	0.89	St Simons
6865	462411	3444422	462419	3444486	-0.32	0.59	-0.34	0.90	-0.35	0.84	St Simons
6866	462362	3444433	462370	3444491	-0.30	0.59	-0.34	0.88	-0.34	0.79	St Simons
6867	462313	3444439	462323	3444499	-0.34	0.45	-0.35	0.84	-0.33	0.74	St Simons
6868	462266	3444456	462279	3444510	-0.29	0.44	-0.29	0.81	-0.28	0.71	St Simons
6869	462219	3444473	462233	3444521	-0.27	0.39	-0.26	0.83	-0.25	0.74	St Simons
6870	462172	3444491	462186	3444533	-0.23	0.38	-0.22	0.81	-0.20	0.73	St Simons
6871	462126	3444510	462141	3444551	-0.22	0.49	-0.18	0.79	-0.17	0.75	St Simons
6872	462082	3444533	462095	3444568	-0.18	0.53	-0.14	0.71	-0.13	0.62	St Simons
6873	462036	3444553	462048	3444584	-0.12	0.56	-0.09	0.49	-0.08	0.26	St Simons
6874	461989	3444570	462003	3444605	-0.13	0.55	-0.13	0.60	-0.12	0.38	St Simons
6875	461941	3444585	461958	3444624	-0.16	0.62	-0.18	0.65	-0.16	0.46	St Simons
6876	461895	3444605	461910	3444642	-0.17	0.51	-0.18	0.70	-0.16	0.53	St Simons
6877	461850	3444625	461865	3444664	-0.15	0.54	-0.17	0.63	-0.15	0.46	St Simons
6878	461804	3444644	461821	3444680	-0.12	0.48	-0.11	0.52	-0.10	0.32	St Simons
6879	461762	3444671	461776	3444698	-0.06	0.51	-0.03	0.09	-0.02	0.03	St Simons
6880	461716	3444692	461732	3444719	-0.01	0.50	0.05	0.24	0.05	0.15	St Simons
6881	461668	3444705	461697	3444743	0.05	0.65	0.13	0.48	0.12	0.31	St Simons
6882	461619	3444716	461658	3444771	0.03	0.83	0.14	0.25	0.11	0.11	St Simons
6883	461570	3444726	461625	3444811	0.24	1.33	0.47	0.66	0.41	0.54	St Simons
6884	461520	3444729	461581	3444834	0.47	1.24	0.69	0.83	0.63	0.76	St Simons
6885	461471	3444734	461527	3444850	0.64	0.90	0.82	0.90	0.76	0.85	St Simons
6886	461425	3444753	461467	3444874	0.64	0.96	0.83	0.88	0.77	0.80	St Simons
6887	461378	3444772	461422	3444890	0.66	0.97	0.85	0.86	0.79	0.76	St Simons
6888	461330	3444782	461380	3444902	0.70	1.00	0.87	0.85	0.81	0.71	St Simons
6889	461280	3444791	461346	3444913	0.33	1.66	0.63	0.47	0.50	0.23	St Simons
6890	461232	3444805	461320	3444923	0.40	1.75	0.63	0.47	0.52	0.24	St Simons
6891	461185	3444820	461296	3444956	0.63	1.76	0.96	0.63	0.82	0.40	St Simons
6892	461138	3444837	461270	3444988	0.83	1.91	1.23	0.71	1.06	0.51	St Simons
6893	461088	3444836	461243	3445019	0.97	2.18	1.44	0.76	1.27	0.61	St Simons
6894	461038	3444838	461195	3445047	1.14	2.24	1.61	0.81	1.44	0.70	St Simons
6895	460988	3444839	461135	3445083	1.27	2.51	1.75	0.85	1.59	0.77	St Simons
6896	460938	3444842	461097	3445106	1.44	2.66	1.92	0.87	1.77	0.83	St Simons
6897	460892	3444859	461053	3445132	1.65	2.52	2.08	0.91	1.95	0.89	St Simons
6898	460848	3444883	461009	3445159	1.63	2.59	2.08	0.91	1.94	0.88	St Simons
6899	460805	3444909	460965	3445185	1.78	2.41	2.17	0.94	2.07	0.93	St Simons
6900	460765	3444939	460920	3445210	1.90	2.22	2.22	0.95	2.15	0.95	St Simons
6901	460724	3444968	460876	3445235	1.91	2.19	2.19	0.95	2.15	0.95	St Simons
6902	460678	3444986	460836	3445258	1.97	2.05	2.18	0.96	2.17	0.96	St Simons
6903	460645	3445024	460791	3445284	1.86	2.07	2.05	0.95	2.06	0.94	St Simons
6904	460613	3445061	460746	3445311	1.74	2.12	1.93	0.94	1.95	0.93	St Simons
6905	460586	3445103	460704	3445332	1.56	1.99	1.75	0.94	1.76	0.93	St Simons
6906	460559	3445145	460665	3445350	1.41	1.75	1.57	0.95	1.58	0.93	St Simons
6907	460534	3445188	460628	3445367	1.21	1.57	1.35	0.95	1.36	0.93	St Simons
6908	460509	3445231	460599	3445381	1.04	1.33	1.15	0.95	1.16	0.97	St Simons
6909	460491	3445278	460574	3445396	0.86	1.60	0.81	0.87	0.98	0.94	St Simons
6910	460477	3445326	460552	3445413	0.67	1.26	0.62	0.86	0.75	0.94	St Simons
6911	460463	3445374	460529	3445435	0.50	0.73	0.45	0.91	0.53	0.96	St Simons
6912	460466	3445423	460511	3445455	0.28	0.46	0.30	0.91	0.22	0.81	St Simons
6913	460445	3445468	460487	3445489	0.16	0.38	0.18	0.80	0.17	0.84	St Simons
6914	460428	3445515	460472	3445528	0.05	1.01	0.11	0.23	0.11	0.30	St Simons
6915	460413	3445563	460465	3445571	0.00	0.96	0.05	0.05	0.11	0.26	St Simons
6916	460398	3445610	460466	3445611	0.01	1.24	0.09	0.07	0.16	0.31	St Simons
6917	460391	3445659	460465	3445664	0.06	1.31	0.16	0.20	0.19	0.41	St Simons
6918	460396	3445709	460474	3445717	0.24	0.19	0.25	0.98	0.27	0.98	St Simons
6919	460378	3445754	460521	3445796	0.20	0.45	0.26	0.91	0.27	0.92	St Simons
6920	460374	3445803	460432	3445827	0.13	0.94	0.21	0.42	0.18	0.57	St Simons
6921	460372	3445852	460435	3445882	0.17	0.87	0.28	0.70	0.24	0.82	St Simons
6922	460345	3445893	460390	3445910	0.02	0.64	0.06	0.10	0.13	0.47	St Simons
6923	460336	3445942	460381	3445959	0.01	0.13	-0.01	0.04	0.05	0.41	St Simons
6924	460325	3445990	460378	3446004	-0.07	0.88	-0.02	0.02	0.08	0.28	St Simons
6925	460323	3446040	460374	3446051	-0.02	0.51	0.02	0.05	0.01	0.02	St Simons
6926	460319	3446090	460356	3446105	-0.05	0.83	0.04	0.05	0.01	0.00	St Simons
6927	460288	3446117	460342	3446144	0.04	1.07	0.09	0.19	0.12	0.36	St Simons
6928	460244	3446132	460340	3446168	0.07	1.76	0.17	0.24	0.14	0.23	St Simons
6929	460233	3446180	460282	3446198	-0.08	0.73	0.01	0.01	-0.05	0.20	St Simons
6930	460229	3446230	460298	3446251	0.33	0.00	0.33	0.00	0.33	0.00	St Simons
6931	460226	3446279	460336	3446296	0.03	0.80	0.08	0.24	0.14	0.61	St Simons
6932	460228	3446329	460264	3446336	-0.05	0.57	-0.04	0.10	-0.02	0.03	St Simons
6933	460227	3446379	460273	3446389	0.06	0.51	0.02	0.03	0.07	0.32	St Simons
6934	460214	3446427	460255	3446433	0.03	0.82	0.03	0.04	0.04	0.06	St Simons
6935	460196	3446471	460247	3446483	-0.13	1.13	-0.14	0.28	0.02	0.00	St Simons
6936	460194	3446520	460235	3446530	0.14	0.75	0.15	0.57	0.20	0.71	St Simons
6937	460166	3446560	460214	3446566	-0.03	0.87	0.06	0.08	-0.04	0.06	St Simons
6938	460163	3446607	460203	3446614	0.13	0.85	0.12	0.34	0.21	0.62	St Simons
6939	460145	3446654	460192	3446660	0.10	0.96	0.10	0.18	0.25	0.68	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
6940	460125	3446698	460189	3446701	0.20	1.22	0.17	0.29	0.39	0.70	St Simons
6941	460123	3446748	460191	3446751	0.29	0.82	0.28	0.73	0.41	0.88	St Simons
6942	460115	3446798	460193	3446795	0.34	0.92	0.33	0.74	0.48	0.88	St Simons
6943	460111	3446847	460183	3446844	0.25	1.11	0.24	0.51	0.44	0.80	St Simons
6944	460103	3446896	460183	3446893	0.40	0.86	0.36	0.75	0.53	0.88	St Simons
6945	460107	3446945	460195	3446939	0.44	0.74	0.46	0.90	0.50	0.97	St Simons
6946	460111	3446993	460197	3446985	0.47	0.46	0.51	0.96	0.49	0.98	St Simons
6947	460116	3447042	460203	3447031	0.46	0.56	0.51	0.96	0.48	0.98	St Simons
6948	460121	3447092	460204	3447078	0.45	0.49	0.51	0.97	0.47	0.98	St Simons
6949	460132	3447140	460212	3447120	0.41	0.67	0.52	0.93	0.40	0.90	St Simons
6950	460133	3447190	460229	3447162	0.47	0.96	0.62	0.90	0.46	0.85	St Simons
6951	460144	3447239	460257	3447199	0.74	0.58	0.81	0.95	0.61	0.90	St Simons
6952	460155	3447288	460268	3447247	0.60	0.87	0.76	0.91	0.55	0.84	St Simons
6953	460177	3447332	460279	3447289	0.49	1.04	0.63	0.89	0.51	0.92	St Simons
6954	460211	3447365	460294	3447334	0.40	0.75	0.53	0.89	0.37	0.82	St Simons
6955	460236	3447408	460315	3447373	0.40	0.65	0.52	0.89	0.33	0.76	St Simons
6956	460267	3447448	460332	3447416	0.36	0.69	0.45	0.89	0.31	0.76	St Simons
6957	460287	3447493	460355	3447462	0.36	0.64	0.46	0.87	0.28	0.64	St Simons
6958	460313	3447536	460382	3447507	0.31	0.69	0.43	0.80	0.21	0.45	St Simons
6959	460339	3447579	460404	3447549	0.22	0.83	0.36	0.73	0.15	0.31	St Simons
6960	460364	3447621	460418	3447598	0.20	0.54	0.30	0.81	0.16	0.57	St Simons
6961	460396	3447660	460439	3447641	0.12	0.56	0.21	0.71	0.09	0.30	St Simons
6962	460423	3447702	460458	3447679	0.12	0.40	0.19	0.70	0.06	0.16	St Simons
6963	460448	3447746	460477	3447721	0.07	0.52	0.14	0.58	0.04	0.08	St Simons
6964	460475	3447787	460519	3447744	0.14	0.53	0.19	0.73	0.09	0.32	St Simons
6965	460505	3447828	460565	3447782	0.22	0.48	0.26	0.86	0.18	0.72	St Simons
6966	460539	3447864	460602	3447814	0.11	0.35	0.14	0.83	0.12	0.83	St Simons
6967	460563	3447907	460648	3447858	0.14	2.09	0.15	0.08	0.32	0.36	St Simons
6968	460581	3447954	460617	3447936	0.18	0.39	0.21	0.79	0.15	0.73	St Simons
6969	460601	3448000	460642	3447980	0.20	0.33	0.23	0.77	0.10	0.43	St Simons
6970	460636	3448035	460678	3448010	0.16	1.08	0.17	0.33	0.24	0.59	St Simons
6971	460663	3448077	460709	3448049	0.15	1.11	0.21	0.32	0.26	0.56	St Simons
6972	460688	3448118	460735	3448088	0.14	1.10	0.19	0.30	0.24	0.53	St Simons
6973	460690	3448147	460743	3448111	0.13	0.84	0.18	0.38	0.20	0.57	St Simons
6974	460697	3448170	460755	3448129	0.13	1.96	0.20	0.20	0.04	0.01	St Simons
6975	460739	3448187	460776	3448153	0.15	0.79	0.20	0.55	0.13	0.40	St Simons
6976	460768	3448226	460808	3448188	0.27	0.91	0.31	0.70	0.17	0.41	St Simons
6977	460806	3448258	460847	3448217	0.32	0.92	0.35	0.77	0.24	0.59	St Simons
6978	460841	3448294	460879	3448253	0.34	0.93	0.38	0.78	0.27	0.66	St Simons
6979	460876	3448330	460913	3448293	0.29	0.97	0.32	0.72	0.24	0.60	St Simons
6980	460913	3448364	460952	3448328	0.32	0.49	0.34	0.87	0.23	0.75	St Simons
6981	460947	3448400	460988	3448365	0.33	0.41	0.35	0.86	0.21	0.69	St Simons
6982	460973	3448443	461022	3448408	0.36	0.75	0.39	0.83	0.26	0.66	St Simons
6983	460999	3448485	461048	3448458	0.35	0.50	0.38	0.91	0.36	0.93	St Simons
6984	461017	3448532	461070	3448506	0.33	0.73	0.39	0.77	0.37	0.87	St Simons
6985	461044	3448574	461095	3448553	0.30	0.78	0.35	0.70	0.39	0.85	St Simons
6986	461078	3448607	461112	3448596	0.17	0.66	0.18	0.61	0.20	0.74	St Simons
6987	461098	3448654	461130	3448646	0.09	0.61	0.11	0.34	0.15	0.60	St Simons
6988	461112	3448701	461141	3448696	0.04	0.57	0.07	0.17	0.07	0.29	St Simons
6989	461116	3448751	461142	3448749	0.04	0.44	0.07	0.29	0.02	0.06	St Simons
6990	461110	3448800	461149	3448800	0.20	0.40	0.23	0.85	0.16	0.74	St Simons
6991	461113	3448850	461149	3448851	0.15	0.27	0.18	0.78	0.09	0.50	St Simons
6992	461114	3448900	461143	3448899	0.14	0.10	0.15	0.91	0.10	0.86	St Simons
6993	461108	3448948	461140	3448951	0.16	0.37	0.17	0.83	0.12	0.72	St Simons
6994	461120	3448996	461143	3448998	0.02	0.24	0.05	0.22	-0.05	0.22	St Simons
6995	461110	3449044	461141	3449047	0.15	0.12	0.16	0.93	0.12	0.93	St Simons
6996	461106	3449093	461122	3449097	0.03	0.17	0.02	0.23	0.02	0.37	St Simons
6997	461088	3449139	461110	3449147	-0.09	0.08	-0.09	0.90	-0.07	0.91	St Simons
6998	461063	3449182	461097	3449194	-0.17	0.30	-0.19	0.88	-0.15	0.91	St Simons
6999	461036	3449225	461075	3449240	-0.23	0.24	-0.23	0.95	-0.21	0.96	St Simons
7000	461014	3449270	461051	3449287	-0.21	0.20	-0.23	0.89	-0.15	0.80	St Simons
7001	460993	3449315	461030	3449333	-0.21	0.25	-0.24	0.92	-0.20	0.95	St Simons
7002	460973	3449361	461007	3449378	-0.19	0.30	-0.21	0.86	-0.20	0.94	St Simons
7003	460951	3449406	460982	3449423	-0.13	0.38	-0.17	0.71	-0.14	0.83	St Simons
7004	460929	3449450	460959	3449465	-0.14	0.34	-0.17	0.73	-0.18	0.88	St Simons
7005	460910	3449496	460935	3449505	-0.06	0.29	-0.08	0.34	-0.12	0.72	St Simons
7006	460892	3449543	460918	3449550	-0.02	0.24	-0.01	0.00	-0.14	0.56	St Simons
7007	460888	3449592	460918	3449602	-0.07	0.37	-0.05	0.11	-0.18	0.57	St Simons
7008	460866	3449636	460897	3449647	NA	NA	NA	0.00	NA	0.00	St Simons
7011	460785	3449755	460804	3449767	0.02	0.37	0.04	0.14	0.05	0.34	St Simons
7012	460759	3449797	460780	3449811	0.08	0.40	0.10	0.54	0.08	0.50	St Simons
7013	460729	3449837	460752	3449853	0.12	0.43	0.13	0.64	0.13	0.73	St Simons
7014	460693	3449872	460722	3449894	0.18	0.50	0.21	0.70	0.22	0.82	St Simons
7015	460652	3449900	460690	3449931	0.27	0.58	0.31	0.74	0.35	0.88	St Simons
7016	460612	3449929	460657	3449968	0.36	0.58	0.41	0.80	0.47	0.92	St Simons
7017	460566	3449950	460625	3450005	0.52	0.77	0.58	0.82	0.66	0.93	St Simons
7018	460518	3449962	460595	3450039	0.71	1.27	0.82	0.82	0.82	0.91	St Simons
7019	460468	3449968	460566	3450072	0.93	1.73	1.08	0.81	1.06	0.90	St Simons
7020	460424	3449991	460525	3450106	1.05	3.16	1.21	0.75	0.98	0.70	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7021	460381	3450017	460482	3450141	1.11	3.01	1.27	0.79	1.00	0.73	St Simons
7022	460336	3450038	460445	3450171	1.20	2.47	1.34	0.86	1.09	0.82	St Simons
7023	460293	3450064	460407	3450202	1.25	2.70	1.40	0.84	1.14	0.81	St Simons
7024	460253	3450093	460370	3450232	1.27	2.17	1.40	0.89	1.08	0.83	St Simons
7025	460214	3450125	460333	3450263	1.28	1.96	1.41	0.90	1.19	0.89	St Simons
7026	460185	3450165	460298	3450293	1.19	1.40	1.31	0.93	1.13	0.93	St Simons
7027	460170	3450212	460272	3450317	0.96	1.04	1.06	0.93	0.86	0.93	St Simons
7028	460154	3450259	460249	3450339	0.63	1.21	0.76	0.81	0.48	0.77	St Simons
7029	460148	3450309	460226	3450360	0.38	1.16	0.49	0.69	0.29	0.63	St Simons
7030	460149	3450359	460212	3450387	0.25	0.97	0.34	0.62	0.22	0.64	St Simons
7031	460146	3450408	460198	3450422	0.14	0.95	0.22	0.42	0.14	0.44	St Simons
7032	460142	3450458	460192	3450464	0.09	1.05	0.18	0.28	0.10	0.25	St Simons
7033	460149	3450507	460193	3450508	0.09	0.89	0.16	0.31	0.13	0.42	St Simons
7034	460150	3450557	460195	3450553	0.10	0.88	0.17	0.33	0.14	0.46	St Simons
7035	460152	3450607	460201	3450600	0.10	0.91	0.18	0.32	0.13	0.42	St Simons
7036	460160	3450656	460209	3450645	0.11	0.84	0.18	0.36	0.15	0.49	St Simons
7037	460174	3450704	460220	3450692	0.13	0.69	0.19	0.47	0.18	0.64	St Simons
7038	460191	3450751	460234	3450738	0.19	0.59	0.25	0.68	0.20	0.75	St Simons
7039	460207	3450798	460254	3450783	0.20	0.58	0.25	0.69	0.12	0.39	St Simons
7040	460225	3450845	460269	3450829	0.17	0.54	0.23	0.68	0.11	0.44	St Simons
7041	460250	3450888	460284	3450876	0.12	0.52	0.17	0.58	0.07	0.23	St Simons
7042	460275	3450931	460299	3450921	0.04	0.35	0.08	0.36	0.03	0.14	St Simons
7043	460292	3450978	460317	3450967	-0.01	0.47	0.04	0.08	0.00	0.00	St Simons
7044	460319	3451020	460340	3451011	-0.06	0.33	-0.03	0.10	-0.04	0.26	St Simons
7045	460338	3451066	460363	3451052	-0.07	0.45	-0.04	0.06	-0.01	0.01	St Simons
7046	460358	3451112	460377	3451100	-0.09	0.18	-0.08	0.60	-0.06	0.62	St Simons
7047	460379	3451157	460405	3451143	-0.09	0.37	-0.08	0.30	0.00	0.00	St Simons
7048	460401	3451202	460434	3451183	-0.20	0.34	-0.18	0.62	-0.10	0.47	St Simons
7049	460422	3451248	460461	3451221	-0.27	0.32	-0.26	0.74	-0.15	0.62	St Simons
7050	460452	3451287	460481	3451269	-0.12	0.52	-0.09	0.17	-0.02	0.02	St Simons
7051	460483	3451326	460512	3451308	-0.08	0.53	-0.05	0.05	0.03	0.04	St Simons
7052	460514	3451364	460540	3451347	-0.12	0.35	-0.10	0.33	-0.02	0.04	St Simons
7053	460545	3451404	460565	3451389	-0.09	0.39	-0.07	0.26	-0.03	0.16	St Simons
7054	460567	3451448	460589	3451434	-0.04	0.47	-0.01	0.01	0.02	0.06	St Simons
7055	460595	3451490	460618	3451474	-0.12	0.29	-0.10	0.43	-0.05	0.28	St Simons
7056	460617	3451535	460652	3451515	-0.16	0.38	-0.14	0.40	-0.03	0.04	St Simons
7057	460639	3451580	460676	3451562	-0.19	0.44	-0.17	0.49	-0.06	0.15	St Simons
7058	460660	3451625	460697	3451612	-0.17	0.45	-0.15	0.44	-0.04	0.10	St Simons
7059	460678	3451671	460710	3451663	-0.12	0.48	-0.09	0.23	-0.02	0.02	St Simons
7060	460689	3451720	460721	3451714	-0.09	0.52	-0.07	0.11	0.03	0.04	St Simons
7061	460699	3451769	460730	3451765	-0.03	0.51	0.00	0.00	0.11	0.35	St Simons
7062	460701	3451819	460735	3451817	0.02	0.49	0.05	0.05	0.15	0.52	St Simons
7063	460698	3451869	460737	3451868	0.02	0.58	0.06	0.05	0.18	0.52	St Simons
7064	460697	3451919	460735	3451920	0.02	0.56	0.05	0.05	0.20	0.54	St Simons
7065	460698	3451969	460731	3451970	0.02	0.47	0.04	0.03	0.19	0.55	St Simons
7066	460697	3452019	460728	3452019	0.02	0.43	0.03	0.02	0.19	0.54	St Simons
7067	460695	3452069	460727	3452060	0.06	0.40	0.06	0.08	0.22	0.63	St Simons
7068	460704	3452117	460727	3452102	0.09	0.27	0.10	0.48	0.16	0.80	St Simons
7069	460736	3452154	460752	3452132	-0.08	0.40	-0.04	0.07	-0.17	0.65	St Simons
7070	460781	3452175	460789	3452140	-0.19	0.26	-0.16	0.83	-0.21	0.93	St Simons
7071	460831	3452175	460827	3452140	-0.19	0.25	-0.16	0.82	-0.17	0.92	St Simons
7072	460878	3452162	460868	3452128	-0.19	0.19	-0.18	0.85	-0.14	0.86	St Simons
7073	460923	3452140	460906	3452099	-0.25	0.19	-0.23	0.95	-0.25	0.98	St Simons
7074	460968	3452118	460948	3452073	-0.30	0.27	-0.27	0.92	-0.31	0.97	St Simons
7075	461013	3452096	460996	3452053	-0.27	0.32	-0.24	0.88	-0.28	0.94	St Simons
7076	461057	3452073	461044	3452037	-0.21	0.35	-0.18	0.75	-0.26	0.89	St Simons
7077	461104	3452056	461095	3452024	-0.17	0.25	-0.14	0.79	-0.20	0.90	St Simons
7078	461152	3452041	461145	3452011	-0.15	0.26	-0.12	0.69	-0.19	0.88	St Simons
7079	461199	3452026	461195	3452001	-0.11	0.28	-0.08	0.45	-0.16	0.82	St Simons
7080	461248	3452013	461245	3451993	-0.06	0.30	-0.03	0.12	-0.09	0.61	St Simons
7081	461297	3452004	461295	3451990	-0.03	0.15	-0.02	0.31	-0.04	0.61	St Simons
7082	461347	3452001	461346	3451986	-0.03	0.15	-0.01	0.08	-0.03	0.48	St Simons
7083	461397	3452004	461397	3451984	-0.06	0.27	-0.03	0.14	-0.07	0.63	St Simons
7084	461446	3452008	461448	3451988	-0.04	0.29	-0.02	0.04	-0.03	0.24	St Simons
7085	461496	3452015	461500	3451994	-0.04	0.30	-0.01	0.01	-0.02	0.11	St Simons
7086	461545	3452024	461550	3452004	-0.04	0.37	-0.02	0.03	-0.04	0.22	St Simons
7087	461593	3452039	461598	3452020	-0.06	0.34	-0.03	0.11	-0.06	0.41	St Simons
7088	461639	3452057	461647	3452034	-0.09	0.34	-0.07	0.39	-0.08	0.55	St Simons
7089	461688	3452068	461694	3452049	-0.05	0.31	-0.03	0.17	-0.05	0.35	St Simons
7090	461737	3452078	461740	3452063	0.01	0.19	0.02	0.22	0.00	0.01	St Simons
7091	461786	3452089	461789	3452073	0.03	0.15	0.04	0.57	0.02	0.36	St Simons
7092	461834	3452100	461839	3452077	0.06	0.20	0.08	0.62	0.03	0.33	St Simons
7093	461883	3452110	461887	3452085	0.06	0.23	0.08	0.57	0.02	0.16	St Simons
7094	461933	3452116	461936	3452099	0.01	0.17	0.03	0.20	0.02	0.29	St Simons
7095	461981	3452129	461985	3452109	0.01	0.20	0.03	0.16	0.03	0.36	St Simons
7096	462030	3452138	462038	3452109	-0.12	0.67	-0.09	0.29	-0.08	0.34	St Simons
7097	462076	3452155	462082	3452140	-0.03	0.20	-0.02	0.22	-0.01	0.04	St Simons
7098	462120	3452180	462130	3452160	-0.03	0.25	-0.01	0.03	0.03	0.15	St Simons
7099	462163	3452205	462173	3452190	0.00	0.22	0.01	0.06	0.03	0.24	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7100	462201	3452237	462214	3452220	0.05	0.18	0.07	0.63	0.03	0.25	St Simons
7101	462240	3452268	462250	3452255	0.01	0.16	0.02	0.21	-0.02	0.14	St Simons
7102	462278	3452300	462291	3452288	-0.02	0.23	-0.01	0.01	-0.02	0.13	St Simons
7103	462316	3452332	462336	3452318	-0.03	0.29	-0.02	0.04	0.03	0.12	St Simons
7104	462347	3452371	462372	3452357	-0.03	0.31	-0.02	0.03	0.06	0.27	St Simons
7105	462351	3452420	462376	3452410	0.09	0.19	0.11	0.81	0.08	0.85	St Simons
7106	462373	3452465	462393	3452460	0.04	0.22	0.06	0.50	0.04	0.61	St Simons
7107	462383	3452513	462404	3452509	0.06	0.23	0.07	0.61	0.07	0.77	St Simons
7108	462391	3452562	462413	3452560	0.08	0.07	0.09	0.93	0.07	0.93	St Simons
7109	462390	3452612	462418	3452610	0.09	0.24	0.11	0.73	0.07	0.65	St Simons
7110	462394	3452662	462418	3452662	0.06	0.20	0.07	0.49	0.00	0.01	St Simons
7111	462394	3452712	462419	3452715	0.09	0.13	0.10	0.72	0.04	0.27	St Simons
7112	462396	3452761	462418	3452768	0.02	0.00	0.02	0.00	0.02	0.00	St Simons
7114	462351	3452848	462371	3452863	-0.10	0.52	-0.05	0.08	-0.01	0.00	St Simons
7115	462320	3452888	462333	3452899	0.05	0.09	0.04	0.74	0.06	0.87	St Simons
7116	462284	3452923	462298	3452939	0.09	0.10	0.09	0.91	0.10	0.97	St Simons
7117	462246	3452954	462266	3452976	0.14	0.10	0.14	0.92	0.11	0.91	St Simons
7118	462208	3452985	462225	3453005	0.11	0.12	0.10	0.92	0.12	0.94	St Simons
7119	462168	3453015	462181	3453032	0.04	0.21	0.03	0.12	0.10	0.66	St Simons
7120	462129	3453045	462141	3453064	0.03	0.28	0.02	0.03	0.11	0.56	St Simons
7121	462087	3453072	462099	3453087	0.01	0.33	-0.02	0.05	0.06	0.31	St Simons
7122	462047	3453102	462060	3453117	-0.01	0.24	-0.03	0.18	0.02	0.15	St Simons
7123	462006	3453131	462022	3453147	-0.01	0.38	-0.04	0.13	0.01	0.01	St Simons
7124	461971	3453166	461989	3453181	0.04	0.45	0.01	0.02	0.02	0.06	St Simons
7125	461945	3453209	461962	3453220	0.07	0.29	0.05	0.34	0.09	0.67	St Simons
7126	461913	3453248	461937	3453261	0.12	0.28	0.10	0.60	0.18	0.81	St Simons
7127	461881	3453286	461922	3453307	0.26	0.25	0.25	0.93	0.32	0.95	St Simons
7128	461850	3453325	461900	3453348	0.33	0.23	0.33	0.89	0.43	0.95	St Simons
7129	461824	3453367	461873	3453389	0.33	0.42	0.35	0.76	0.48	0.91	St Simons
7130	461799	3453411	461854	3453438	0.32	0.62	0.35	0.61	0.52	0.86	St Simons
7131	461777	3453456	461834	3453484	0.33	0.57	0.35	0.62	0.54	0.86	St Simons
7132	461760	3453503	461825	3453528	0.23	0.87	0.28	0.35	0.50	0.76	St Simons
7133	461752	3453552	461807	3453559	0.20	0.59	0.23	0.42	0.40	0.79	St Simons
7134	461751	3453602	461790	3453590	0.21	0.18	0.21	0.81	0.30	0.92	St Simons
7135	461769	3453647	461791	3453624	-0.15	0.16	-0.15	0.76	-0.08	0.53	St Simons
7136	461816	3453656	461827	3453619	-0.19	0.22	-0.19	0.93	-0.16	0.94	St Simons
7137	461862	3453638	461859	3453607	-0.14	0.34	-0.15	0.79	-0.11	0.78	St Simons
7138	461911	3453626	461901	3453592	-0.19	0.23	-0.19	0.88	-0.15	0.90	St Simons
7139	461959	3453614	461949	3453577	-0.21	0.30	-0.22	0.85	-0.15	0.82	St Simons
7140	462008	3453603	462002	3453564	-0.22	0.35	-0.22	0.78	-0.15	0.73	St Simons
7141	462057	3453594	462057	3453555	-0.21	0.43	-0.21	0.75	-0.13	0.67	St Simons
7142	462107	3453585	462111	3453559	-0.12	0.20	-0.10	0.78	-0.12	0.89	St Simons
7143	462156	3453594	462165	3453568	-0.14	0.27	-0.12	0.78	-0.14	0.86	St Simons
7144	462201	3453616	462214	3453592	-0.13	0.32	-0.13	0.77	-0.11	0.79	St Simons
7145	462244	3453640	462259	3453623	-0.09	0.30	-0.07	0.52	-0.08	0.66	St Simons
7146	462283	3453672	462298	3453657	-0.08	0.25	-0.06	0.47	-0.06	0.61	St Simons
7147	462318	3453707	462330	3453697	-0.01	0.14	0.00	0.01	0.01	0.08	St Simons
7148	462347	3453748	462362	3453738	0.02	0.20	0.02	0.12	0.07	0.58	St Simons
7149	462369	3453793	462389	3453781	0.09	0.14	0.10	0.90	0.10	0.94	St Simons
7150	462389	3453838	462413	3453826	0.13	0.10	0.13	0.97	0.13	0.98	St Simons
7151	462404	3453886	462431	3453873	0.15	0.18	0.16	0.93	0.14	0.93	St Simons
7152	462420	3453933	462450	3453921	0.16	0.07	0.16	0.99	0.15	0.99	St Simons
7153	462440	3453978	462468	3453965	0.15	0.11	0.14	0.95	0.17	0.98	St Simons
7154	462463	3454023	462487	3454010	0.11	0.28	0.13	0.73	0.15	0.88	St Simons
7155	462488	3454066	462516	3454052	0.09	0.36	0.12	0.48	0.15	0.77	St Simons
7156	462502	3454113	462541	3454094	0.06	0.68	0.12	0.24	0.12	0.45	St Simons
7157	462520	3454160	462561	3454142	0.02	0.75	0.09	0.13	0.07	0.17	St Simons
7158	462540	3454204	462577	3454194	0.01	0.63	0.07	0.12	0.04	0.09	St Simons
7159	462556	3454251	462594	3454245	0.07	0.61	0.12	0.32	0.10	0.41	St Simons
7160	462564	3454300	462595	3454298	0.05	0.46	0.09	0.31	0.06	0.31	St Simons
7161	462574	3454348	462593	3454351	0.03	0.17	0.04	0.37	0.05	0.65	St Simons
7162	462569	3454398	462585	3454402	0.02	0.18	0.03	0.32	0.05	0.64	St Simons
7163	462551	3454444	462573	3454451	0.08	0.09	0.09	0.96	0.09	0.97	St Simons
7164	462525	3454483	462547	3454493	0.09	0.28	0.10	0.68	0.13	0.83	St Simons
7165	462509	3454528	462530	3454544	-0.12	0.18	-0.11	0.67	-0.07	0.60	St Simons
7166	462474	3454563	462495	3454585	-0.07	0.22	-0.08	0.33	0.02	0.06	St Simons
7167	462429	3454583	462438	3454598	-0.02	0.11	-0.02	0.13	0.02	0.17	St Simons
7168	462380	3454593	462385	3454610	-0.01	0.14	-0.02	0.08	0.04	0.32	St Simons
7169	462330	3454596	462331	3454616	0.01	0.26	0.02	0.04	0.09	0.53	St Simons
7170	462280	3454592	462279	3454611	0.00	0.16	0.00	0.00	0.07	0.51	St Simons
7171	462231	3454585	462228	3454605	-0.01	0.17	0.00	0.00	0.03	0.30	St Simons
7172	462184	3454568	462181	3454591	0.09	0.19	0.09	0.59	0.14	0.84	St Simons
7173	462135	3454558	462133	3454581	0.08	0.11	0.08	0.64	0.13	0.87	St Simons
7174	462086	3454550	462092	3454576	0.09	0.18	0.09	0.54	0.15	0.85	St Simons
7175	462037	3454553	462056	3454578	0.06	0.35	0.06	0.17	0.15	0.69	St Simons
7176	462005	3454587	462028	3454600	0.12	0.09	0.12	0.88	0.08	0.81	St Simons
7177	462006	3454637	462040	3454640	0.15	0.20	0.15	0.67	0.05	0.25	St Simons
7178	462014	3454686	462052	3454680	0.16	0.29	0.18	0.67	0.06	0.28	St Simons
7179	462029	3454734	462064	3454726	0.14	0.26	0.15	0.57	0.03	0.06	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7180	462046	3454781	462070	3454776	0.08	0.14	0.10	0.78	0.05	0.48	St Simons
7181	462058	3454829	462071	3454827	0.01	0.08	0.02	0.47	0.00	0.05	St Simons
7182	462062	3454879	462079	3454878	-0.02	0.17	0.00	0.00	0.00	0.02	St Simons
7183	462068	3454929	462084	3454926	-0.01	0.14	0.00	0.01	0.00	0.02	St Simons
7184	462073	3454978	462087	3454976	0.00	0.13	0.01	0.08	0.01	0.23	St Simons
7185	462078	3455028	462097	3455025	0.00	0.19	0.02	0.04	0.04	0.42	St Simons
7186	462082	3455078	462108	3455071	0.05	0.26	0.07	0.33	0.10	0.68	St Simons
7187	462088	3455127	462107	3455123	0.04	0.18	0.05	0.42	0.08	0.76	St Simons
7188	462095	3455177	462132	3455169	-0.13	0.88	-0.09	0.19	-0.08	0.25	St Simons
7189	462101	3455227	462126	3455221	-0.05	0.33	-0.02	0.04	0.02	0.03	St Simons
7190	462106	3455276	462132	3455269	-0.08	0.25	-0.06	0.24	0.01	0.01	St Simons
7191	462111	3455326	462140	3455321	-0.11	0.26	-0.10	0.45	-0.04	0.17	St Simons
7192	462113	3455376	462151	3455371	-0.17	0.42	-0.14	0.51	-0.09	0.42	St Simons
7193	462114	3455426	462150	3455423	-0.19	0.31	-0.17	0.65	-0.11	0.59	St Simons
7194	462114	3455476	462157	3455474	-0.21	0.41	-0.19	0.53	-0.09	0.33	St Simons
7195	462113	3455526	462162	3455526	-0.21	0.54	-0.18	0.42	-0.07	0.18	St Simons
7196	462114	3455576	462159	3455577	-0.21	0.45	-0.18	0.46	-0.07	0.19	St Simons
7197	462116	3455626	462156	3455630	-0.17	0.34	-0.16	0.46	-0.04	0.08	St Simons
7198	462117	3455676	462152	3455681	-0.15	0.43	-0.12	0.38	-0.06	0.27	St Simons
7199	462113	3455726	462149	3455733	-0.12	0.51	-0.09	0.21	-0.04	0.11	St Simons
7200	462100	3455774	462128	3455782	-0.12	0.44	-0.08	0.25	-0.07	0.39	St Simons
7201	462087	3455822	462111	3455832	-0.06	0.33	-0.04	0.13	-0.01	0.02	St Simons
7202	462068	3455868	462092	3455878	-0.05	0.29	-0.03	0.07	0.02	0.06	St Simons
7203	462048	3455914	462071	3455922	-0.04	0.29	-0.02	0.02	0.04	0.18	St Simons
7204	462026	3455959	462054	3455968	-0.05	0.42	-0.04	0.05	0.07	0.21	St Simons
7205	462006	3456005	462046	3456014	-0.10	0.49	-0.08	0.11	0.06	0.10	St Simons
7206	461993	3456053	462032	3456056	-0.14	0.32	-0.13	0.35	0.02	0.01	St Simons
7207	461990	3456103	462026	3456100	-0.15	0.26	-0.15	0.49	-0.02	0.02	St Simons
7208	461998	3456152	462031	3456143	-0.17	0.23	-0.17	0.67	-0.08	0.39	St Simons
7209	462015	3456198	462050	3456181	-0.20	0.24	-0.20	0.71	-0.09	0.37	St Simons
7210	462044	3456239	462079	3456215	-0.19	0.49	-0.17	0.48	-0.05	0.11	St Simons
7211	462070	3456282	462107	3456249	-0.26	0.33	-0.26	0.65	-0.09	0.21	St Simons
7212	462105	3456318	462140	3456283	-0.25	0.33	-0.25	0.63	-0.08	0.18	St Simons
7213	462145	3456348	462172	3456314	-0.20	0.32	-0.20	0.54	-0.04	0.07	St Simons
7214	462190	3456369	462203	3456343	-0.07	0.24	-0.07	0.23	0.02	0.06	St Simons
7215	462232	3456395	462239	3456370	0.09	0.18	0.11	0.81	0.10	0.89	St Simons
7216	462281	3456402	462282	3456366	0.19	0.14	0.18	0.87	0.13	0.85	St Simons
7217	462329	3456390	462321	3456358	0.14	0.23	0.14	0.55	0.04	0.12	St Simons
7218	462372	3456365	462362	3456344	0.07	0.14	0.08	0.57	0.01	0.03	St Simons
7219	462415	3456339	462401	3456319	0.03	0.32	0.07	0.33	0.00	0.00	St Simons
7220	462456	3456311	462437	3456288	0.02	0.47	0.07	0.20	0.01	0.02	St Simons
7221	462484	3456270	462470	3456254	0.01	0.38	0.03	0.11	0.01	0.03	St Simons
7222	462520	3456236	462504	3456217	0.04	0.54	0.04	0.12	0.04	0.13	St Simons
7223	462556	3456201	462544	3456184	0.01	0.35	0.02	0.10	0.00	0.00	St Simons
7224	462595	3456169	462587	3456155	-0.04	0.10	-0.04	0.72	-0.04	0.82	St Simons
7225	462641	3456151	462631	3456130	-0.08	0.33	-0.07	0.50	-0.12	0.72	St Simons
7226	462689	3456136	462685	3456117	-0.04	0.19	-0.03	0.23	-0.09	0.68	St Simons
7227	462738	3456140	462741	3456101	-0.08	0.75	-0.13	0.32	-0.13	0.54	St Simons
7228	462782	3456163	462791	3456138	-0.12	0.24	-0.10	0.63	-0.15	0.87	St Simons
7229	462819	3456197	462837	3456171	-0.16	0.23	-0.14	0.80	-0.15	0.91	St Simons
7230	462852	3456234	462873	3456220	-0.11	0.13	-0.11	0.84	-0.07	0.77	St Simons
7231	462880	3456275	462899	3456267	-0.08	0.19	-0.07	0.75	-0.07	0.82	St Simons
7232	462899	3456321	462913	3456317	-0.02	0.09	-0.02	0.44	-0.02	0.76	St Simons
7233	462904	3456371	462924	3456366	0.00	0.27	0.03	0.11	0.00	0.00	St Simons
7234	462914	3456420	462931	3456415	-0.01	0.19	0.00	0.00	0.00	0.01	St Simons
7235	462926	3456468	462939	3456463	-0.01	0.08	-0.01	0.05	0.01	0.11	St Simons
7236	462944	3456515	462956	3456508	0.01	0.09	0.01	0.27	0.00	0.01	St Simons
7237	462974	3456555	462990	3456540	0.09	0.16	0.09	0.87	0.07	0.76	St Simons
7238	463013	3456586	463025	3456570	0.05	0.14	0.07	0.68	0.02	0.22	St Simons
7239	463056	3456611	463064	3456599	0.01	0.19	0.02	0.13	-0.01	0.03	St Simons
7240	463101	3456632	463108	3456622	0.01	0.06	0.00	0.06	0.01	0.59	St Simons
7241	463145	3456656	463151	3456646	0.01	0.05	0.01	0.38	0.00	0.21	St Simons
7242	463188	3456682	463194	3456672	0.00	0.06	0.01	0.09	-0.01	0.36	St Simons
7243	463231	3456708	463239	3456695	-0.02	0.11	-0.01	0.06	-0.04	0.67	St Simons
7244	463273	3456734	463285	3456717	-0.06	0.25	-0.04	0.23	-0.09	0.77	St Simons
7245	463312	3456765	463326	3456748	-0.02	0.29	0.01	0.02	-0.08	0.45	St Simons
7246	463346	3456802	463364	3456785	-0.03	0.43	0.01	0.01	-0.07	0.36	St Simons
7247	463381	3456837	463400	3456826	-0.05	0.35	-0.03	0.08	-0.10	0.55	St Simons
7248	463402	3456882	463426	3456873	-0.12	0.25	-0.11	0.83	-0.13	0.87	St Simons
7249	463411	3456931	463437	3456927	-0.12	0.35	-0.09	0.43	-0.10	0.71	St Simons
7250	463413	3456981	463436	3456983	-0.09	0.25	-0.07	0.48	-0.08	0.73	St Simons
7251	463400	3457029	463425	3457035	-0.12	0.30	-0.09	0.50	-0.09	0.71	St Simons
7252	463384	3457076	463413	3457086	-0.09	0.37	-0.06	0.18	-0.01	0.02	St Simons
7253	463368	3457124	463389	3457133	-0.07	0.26	-0.05	0.20	-0.01	0.04	St Simons
7254	463347	3457169	463367	3457178	-0.04	0.30	-0.01	0.02	0.01	0.02	St Simons
7255	463325	3457214	463343	3457224	0.00	0.23	0.02	0.05	0.04	0.33	St Simons
7256	463302	3457258	463319	3457268	0.00	0.18	0.02	0.10	0.01	0.04	St Simons
7257	463278	3457302	463294	3457311	0.05	0.16	0.06	0.70	0.05	0.75	St Simons
7258	463249	3457342	463269	3457353	0.07	0.18	0.08	0.71	0.07	0.81	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7259	463220	3457383	463244	3457395	0.06	0.33	0.09	0.49	0.06	0.51	St Simons
7260	463193	3457424	463222	3457434	0.05	0.50	0.09	0.29	0.06	0.35	St Simons
7261	463184	3457473	463208	3457479	0.07	0.38	0.09	0.51	0.08	0.63	St Simons
7262	463181	3457523	463203	3457526	0.10	0.11	0.10	0.91	0.11	0.96	St Simons
7263	463180	3457573	463202	3457574	0.10	0.12	0.10	0.87	0.12	0.94	St Simons
7264	463181	3457623	463200	3457623	0.04	0.18	0.06	0.55	0.05	0.75	St Simons
7265	463179	3457672	463200	3457673	0.01	0.28	0.03	0.08	0.05	0.42	St Simons
7266	463182	3457722	463205	3457724	-0.06	0.39	-0.03	0.09	-0.02	0.08	St Simons
7267	463180	3457772	463206	3457775	-0.05	0.49	-0.03	0.09	0.00	0.00	St Simons
7268	463176	3457822	463196	3457827	-0.03	0.32	-0.02	0.04	-0.01	0.07	St Simons
7269	463164	3457871	463184	3457878	0.04	0.20	0.06	0.52	0.02	0.20	St Simons
7270	463143	3457914	463161	3457924	0.04	0.18	0.05	0.47	0.01	0.05	St Simons
7271	463114	3457955	463136	3457969	0.10	0.16	0.11	0.87	0.08	0.89	St Simons
7272	463083	3457994	463104	3458011	0.13	0.08	0.13	0.94	0.10	0.91	St Simons
7273	463047	3458029	463069	3458049	0.15	0.10	0.15	0.95	0.12	0.94	St Simons
7274	463013	3458066	463032	3458085	0.11	0.20	0.11	0.74	0.06	0.50	St Simons
7275	462976	3458099	462995	3458119	0.13	0.19	0.12	0.68	0.07	0.51	St Simons
7276	462938	3458131	462957	3458152	0.12	0.17	0.12	0.66	0.05	0.32	St Simons
7277	462899	3458163	462919	3458186	0.15	0.14	0.15	0.75	0.07	0.50	St Simons
7278	462859	3458192	462882	3458220	0.19	0.22	0.19	0.79	0.10	0.56	St Simons
7279	462819	3458222	462845	3458252	0.21	0.19	0.22	0.86	0.13	0.68	St Simons
7280	462776	3458249	462807	3458283	0.26	0.42	0.28	0.91	0.28	0.95	St Simons
7281	462736	3458278	462769	3458314	0.28	0.47	0.30	0.87	0.33	0.94	St Simons
7282	462696	3458308	462737	3458348	0.35	0.41	0.38	0.92	0.40	0.96	St Simons
7283	462659	3458342	462707	3458382	0.39	0.41	0.41	0.93	0.43	0.97	St Simons
7284	462625	3458379	462677	3458418	0.40	0.37	0.42	0.96	0.43	0.98	St Simons
7285	462599	3458421	462647	3458458	0.37	0.51	0.40	0.93	0.37	0.96	St Simons
7286	462573	3458464	462623	3458499	0.36	0.45	0.39	0.93	0.33	0.95	St Simons
7287	462550	3458508	462595	3458532	0.25	0.52	0.27	0.79	0.17	0.71	St Simons
7288	462533	3458555	462562	3458566	0.12	0.30	0.13	0.56	0.03	0.12	St Simons
7289	462525	3458604	462553	3458606	0.12	0.28	0.12	0.73	0.08	0.66	St Simons
7290	462525	3458653	462555	3458647	0.14	0.52	0.15	0.68	0.14	0.73	St Simons
7291	462547	3458698	462579	3458679	0.04	0.68	0.07	0.13	0.13	0.48	St Simons
7292	462585	3458730	462615	3458702	-0.08	0.96	-0.07	0.07	0.07	0.09	St Simons
7293	462618	3458768	462647	3458732	-0.17	0.74	-0.15	0.31	-0.02	0.01	St Simons
7294	462660	3458795	462700	3458751	-0.17	0.75	-0.17	0.20	0.12	0.14	St Simons
7295	462706	3458814	462735	3458780	-0.09	0.51	-0.09	0.11	0.13	0.25	St Simons
7296	462741	3458850	462765	3458821	-0.08	0.45	-0.08	0.14	0.09	0.20	St Simons
7297	462772	3458888	462800	3458865	-0.10	0.38	-0.10	0.26	0.04	0.07	St Simons
7298	462807	3458924	462846	3458894	0.14	0.00	0.14	0.00	0.14	0.00	St Simons
7300	462838	3459014	462875	3458980	0.49	0.60	0.52	0.79	0.43	0.93	St Simons
7301	462874	3459048	462908	3459022	0.22	0.42	0.24	0.64	0.35	0.86	St Simons
7302	462908	3459084	462945	3459051	0.22	0.66	0.25	0.47	0.42	0.80	St Simons
7303	462944	3459119	462976	3459088	0.19	0.79	0.22	0.39	0.38	0.75	St Simons
7304	462980	3459154	463010	3459126	0.11	0.74	0.13	0.20	0.30	0.66	St Simons
7305	463017	3459188	463042	3459163	0.05	0.62	0.08	0.09	0.23	0.59	St Simons
7306	463050	3459224	463075	3459199	0.02	0.63	0.03	0.02	0.20	0.50	St Simons
7307	463072	3459269	463114	3459236	0.06	0.98	0.10	0.06	0.35	0.56	St Simons
7308	463102	3459308	463148	3459275	0.07	1.01	0.11	0.06	0.40	0.57	St Simons
7309	463134	3459346	463185	3459313	0.02	0.62	0.00	0.00	0.21	0.39	St Simons
7310	463159	3459389	463192	3459370	0.03	0.61	0.07	0.08	0.19	0.55	St Simons
7311	463177	3459435	463220	3459411	0.08	1.00	0.13	0.15	0.27	0.57	St Simons
7312	463205	3459476	463243	3459449	0.10	0.83	0.14	0.18	0.31	0.64	St Simons
7313	463233	3459518	463271	3459491	0.10	0.72	0.13	0.14	0.35	0.65	St Simons
7314	463266	3459554	463294	3459531	0.02	0.39	0.00	0.00	0.22	0.55	St Simons
7315	463286	3459600	463317	3459575	0.02	0.68	0.05	0.04	0.21	0.51	St Simons
7316	463314	3459642	463355	3459615	-0.03	0.80	0.00	0.00	0.25	0.42	St Simons
7317	463337	3459686	463375	3459662	-0.08	0.63	-0.05	0.03	0.12	0.24	St Simons
7318	463360	3459730	463397	3459707	-0.04	0.54	-0.02	0.01	0.16	0.38	St Simons
7319	463381	3459776	463421	3459758	-0.20	0.45	-0.19	0.55	-0.07	0.22	St Simons
7320	463401	3459821	463443	3459802	-0.25	0.47	-0.23	0.63	-0.15	0.56	St Simons
7321	463423	3459866	463461	3459843	-0.19	0.50	-0.16	0.41	-0.06	0.17	St Simons
7322	463445	3459911	463480	3459893	-0.06	0.42	-0.05	0.05	0.13	0.33	St Simons
7323	463475	3459951	463508	3459939	-0.12	0.00	-0.12	0.00	-0.12	0.00	St Simons
7325	463496	3460047	463531	3460037	NA	NA	NA	0.00	NA	0.00	St Simons
7326	463487	3460096	463524	3460090	-0.20	0.55	-0.15	0.43	-0.15	0.66	St Simons
7327	463490	3460145	463537	3460138	-0.27	0.38	-0.24	0.85	-0.30	0.92	St Simons
7328	463500	3460194	463555	3460186	-0.33	0.30	-0.30	0.92	-0.37	0.96	St Simons
7329	463507	3460244	463566	3460234	-0.37	0.47	-0.34	0.89	-0.45	0.93	St Simons
7330	463513	3460293	463579	3460287	-0.43	0.43	-0.39	0.91	-0.48	0.95	St Simons
7331	463517	3460343	463574	3460338	-0.35	0.51	-0.31	0.85	-0.41	0.91	St Simons
7332	463522	3460393	463579	3460392	-0.34	0.42	-0.30	0.86	-0.40	0.94	St Simons
7333	463525	3460443	463591	3460441	-0.41	0.47	-0.38	0.90	-0.50	0.93	St Simons
7334	463528	3460493	463594	3460498	-0.41	0.42	-0.40	0.93	-0.49	0.95	St Simons
7335	463529	3460543	463592	3460548	-0.39	0.49	-0.35	0.78	-0.55	0.90	St Simons
7336	463528	3460593	463582	3460598	-0.32	0.61	-0.27	0.62	-0.49	0.84	St Simons
7337	463524	3460643	463565	3460643	-0.23	0.48	-0.19	0.66	-0.32	0.85	St Simons
7338	463513	3460691	463569	3460684	-0.34	0.50	-0.31	0.87	-0.36	0.92	St Simons
7339	463498	3460739	463579	3460712	-0.54	0.53	-0.51	0.91	-0.67	0.94	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7340	463477	3460783	463589	3460730	-0.85	0.51	-0.83	0.98	-0.87	0.99	St Simons
7341	463517	3460814	463602	3460765	-0.65	0.84	-0.62	0.92	-0.75	0.94	St Simons
7342	463550	3460851	463627	3460810	-0.57	0.56	-0.54	0.93	-0.66	0.95	St Simons
7343	463580	3460891	463655	3460850	-0.55	0.56	-0.54	0.95	-0.53	0.96	St Simons
7344	463613	3460928	463687	3460882	-0.58	0.61	-0.53	0.92	-0.63	0.95	St Simons
7345	463651	3460960	463697	3460928	-0.34	0.62	-0.31	0.84	-0.41	0.89	St Simons
7346	463693	3460988	463726	3460961	-0.25	0.56	-0.22	0.79	-0.29	0.86	St Simons
7347	463734	3461015	463757	3460991	-0.16	0.50	-0.14	0.61	-0.16	0.72	St Simons
7348	463777	3461042	463804	3461022	-0.10	0.60	-0.07	0.14	-0.05	0.16	St Simons
7349	463818	3461071	463844	3461052	-0.05	0.59	-0.02	0.02	0.02	0.02	St Simons
7350	463853	3461106	463882	3461095	0.05	0.58	0.08	0.19	0.10	0.43	St Simons
7351	463857	3461151	463896	3461146	NA	NA	NA	0.00	NA	0.00	St Simons
7353	463823	3461244	463870	3461240	-0.15	0.73	-0.08	0.14	-0.20	0.61	St Simons
7354	463827	3461293	463865	3461293	-0.11	0.73	-0.04	0.04	-0.06	0.15	St Simons
7355	463837	3461342	463875	3461337	-0.10	0.71	-0.04	0.03	-0.04	0.07	St Simons
7356	463850	3461391	463884	3461381	-0.12	0.67	-0.06	0.08	-0.07	0.20	St Simons
7357	463864	3461439	463896	3461429	-0.14	0.60	-0.09	0.18	-0.08	0.32	St Simons
7358	463880	3461486	463914	3461475	-0.16	0.59	-0.11	0.29	-0.12	0.50	St Simons
7359	463897	3461533	463931	3461521	-0.18	0.61	-0.13	0.35	-0.15	0.60	St Simons
7360	463913	3461580	463948	3461570	-0.19	0.58	-0.15	0.45	-0.16	0.66	St Simons
7361	463926	3461628	463963	3461619	-0.21	0.67	-0.16	0.44	-0.18	0.64	St Simons
7362	463936	3461677	463976	3461671	-0.23	0.67	-0.18	0.49	-0.20	0.69	St Simons
7363	463945	3461726	463984	3461724	-0.22	0.72	-0.16	0.42	-0.20	0.65	St Simons
7364	463948	3461776	463985	3461777	-0.20	0.61	-0.15	0.42	-0.18	0.68	St Simons
7365	463949	3461826	463980	3461831	-0.16	0.58	-0.14	0.54	-0.16	0.68	St Simons
7366	463940	3461875	463970	3461884	-0.16	0.50	-0.11	0.36	-0.15	0.70	St Simons
7367	463927	3461923	463957	3461935	-0.16	0.55	-0.11	0.35	-0.17	0.69	St Simons
7368	463909	3461970	463938	3461986	-0.17	0.45	-0.13	0.51	-0.16	0.76	St Simons
7369	463884	3462013	463909	3462030	-0.16	0.26	-0.13	0.76	-0.16	0.90	St Simons
7370	463853	3462052	463880	3462071	-0.17	0.25	-0.14	0.79	-0.17	0.92	St Simons
7371	463821	3462091	463849	3462101	-0.14	0.35	-0.11	0.56	-0.16	0.82	St Simons
7372	463794	3462132	463821	3462135	-0.10	0.46	-0.06	0.16	-0.15	0.64	St Simons
7373	463789	3462181	463831	3462172	-0.19	0.69	-0.13	0.26	-0.10	0.29	St Simons
7374	463807	3462227	463853	3462198	-0.26	0.70	-0.22	0.48	-0.14	0.42	St Simons
7375	463846	3462257	463876	3462223	-0.20	0.57	-0.17	0.44	-0.08	0.26	St Simons
7376	463890	3462282	463912	3462249	-0.17	0.53	-0.14	0.41	-0.09	0.34	St Simons
7377	463935	3462303	463954	3462270	-0.16	0.55	-0.14	0.45	-0.08	0.31	St Simons
7378	463978	3462328	463999	3462289	-0.21	0.59	-0.19	0.55	-0.12	0.48	St Simons
7379	464021	3462353	464047	3462310	-0.25	0.69	-0.23	0.57	-0.14	0.47	St Simons
7380	464062	3462383	464093	3462339	-0.31	0.56	-0.29	0.70	-0.19	0.65	St Simons
7381	464101	3462414	464136	3462373	-0.33	0.74	-0.31	0.71	-0.23	0.70	St Simons
7382	464138	3462447	464173	3462412	-0.29	0.54	-0.28	0.78	-0.22	0.79	St Simons
7383	464175	3462481	464207	3462451	-0.25	0.44	-0.21	0.72	-0.21	0.85	St Simons
7384	464210	3462517	464242	3462487	-0.26	0.57	-0.21	0.64	-0.23	0.79	St Simons
7385	464245	3462553	464277	3462524	-0.25	0.31	-0.24	0.89	-0.20	0.90	St Simons
7386	464280	3462588	464314	3462562	-0.24	0.36	-0.21	0.74	-0.18	0.82	St Simons
7387	464309	3462628	464342	3462608	-0.21	0.31	-0.19	0.74	-0.15	0.81	St Simons
7388	464333	3462672	464376	3462652	-0.28	0.44	-0.24	0.75	-0.24	0.88	St Simons
7389	464352	3462718	464394	3462704	-0.26	0.56	-0.20	0.60	-0.23	0.83	St Simons
7390	464368	3462766	464405	3462754	-0.21	0.52	-0.16	0.52	-0.20	0.81	St Simons
7391	464381	3462814	464414	3462797	-0.20	0.62	-0.16	0.53	-0.20	0.81	St Simons
7392	464384	3462864	464420	3462828	-0.28	0.88	-0.24	0.59	-0.28	0.81	St Simons
7393	464397	3462910	464421	3462834	-0.47	1.24	-0.41	0.66	-0.58	0.88	St Simons
7394	464439	3462889	464431	3462843	-0.10	0.91	-0.14	0.33	-0.05	0.12	St Simons
7395	464469	3462849	464446	3462815	-0.13	0.57	-0.16	0.58	-0.09	0.50	St Simons
7396	464498	3462808	464465	3462784	-0.14	0.60	-0.18	0.62	-0.12	0.63	St Simons
7397	464526	3462767	464482	3462744	-0.19	0.76	-0.24	0.64	-0.18	0.70	St Simons
7398	464552	3462724	464503	3462698	-0.26	0.72	-0.31	0.77	-0.27	0.86	St Simons
7399	464578	3462681	464529	3462653	-0.29	0.68	-0.32	0.82	-0.31	0.90	St Simons
7400	464600	3462637	464555	3462611	-0.30	0.42	-0.33	0.91	-0.32	0.96	St Simons
7401	464622	3462592	464584	3462567	-0.26	0.33	-0.28	0.93	-0.28	0.97	St Simons
7402	464648	3462549	464610	3462523	-0.26	0.43	-0.28	0.89	-0.30	0.94	St Simons
7403	464676	3462508	464641	3462479	-0.26	0.45	-0.28	0.86	-0.31	0.93	St Simons
7404	464712	3462473	464670	3462435	-0.29	0.77	-0.33	0.77	-0.32	0.87	St Simons
7405	464750	3462440	464707	3462392	-0.33	0.73	-0.38	0.82	-0.36	0.91	St Simons
7406	464792	3462413	464756	3462361	-0.34	0.73	-0.38	0.84	-0.37	0.91	St Simons
7407	464838	3462397	464812	3462333	-0.43	0.46	-0.46	0.95	-0.45	0.97	St Simons
7408	464887	3462387	464870	3462309	-0.52	0.28	-0.53	0.99	-0.52	0.99	St Simons
7409	464937	3462383	464930	3462302	-0.52	0.41	-0.52	0.98	-0.54	0.98	St Simons
7410	464987	3462384	464981	3462308	-0.49	0.41	-0.47	0.96	-0.53	0.97	St Simons
7411	465033	3462370	465023	3462319	-0.30	0.56	-0.27	0.65	-0.47	0.84	St Simons
7412	465075	3462344	465064	3462310	-0.14	0.55	-0.14	0.47	-0.24	0.76	St Simons
7413	465111	3462309	465095	3462273	-0.14	0.70	-0.17	0.51	-0.21	0.74	St Simons
7414	465153	3462283	465139	3462250	-0.17	0.36	-0.19	0.85	-0.18	0.91	St Simons
7415	465199	3462261	465187	3462229	-0.16	0.48	-0.18	0.74	-0.19	0.84	St Simons
7416	465246	3462245	465240	3462216	-0.12	0.54	-0.13	0.53	-0.18	0.74	St Simons
7417	465295	3462239	465295	3462213	-0.09	0.29	-0.11	0.55	-0.16	0.81	St Simons
7419	465385	3462249	465397	3462217	-0.16	0.16	-0.16	0.85	-0.11	0.80	St Simons
7420	465420	3462285	465445	3462246	-0.25	0.44	-0.22	0.69	-0.19	0.78	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7421	465448	3462326	465483	3462288	-0.30	0.45	-0.27	0.84	-0.26	0.92	St Simons
7422	465476	3462367	465522	3462333	-0.35	0.35	-0.32	0.92	-0.38	0.96	St Simons
7423	465503	3462410	465558	3462377	NA	NA	NA	0.00	NA	0.00	St Simons
7424	465517	3462457	465572	3462429	-0.38	0.63	-0.33	0.74	-0.33	0.88	St Simons
7425	465531	3462505	465584	3462474	-0.38	0.46	-0.34	0.86	-0.35	0.94	St Simons
7426	465545	3462553	465595	3462516	-0.39	0.56	-0.34	0.81	-0.37	0.92	St Simons
7427	465579	3462588	465617	3462544	-0.35	0.18	-0.33	0.98	-0.36	0.99	St Simons
7428	465629	3462591	465646	3462557	-0.20	0.11	-0.19	0.96	-0.23	0.98	St Simons
7429	465678	3462594	465687	3462566	-0.15	0.24	-0.14	0.83	-0.19	0.89	St Simons
7430	465728	3462603	465735	3462570	-0.18	0.08	-0.17	0.97	-0.20	0.98	St Simons
7431	465776	3462614	465785	3462578	-0.20	0.08	-0.20	0.99	-0.19	0.99	St Simons
7432	465825	3462627	465837	3462595	-0.16	0.30	-0.14	0.80	-0.17	0.93	St Simons
7433	465864	3462657	465874	3462637	-0.08	0.37	-0.05	0.22	-0.08	0.65	St Simons
7434	465898	3462693	465915	3462668	-0.15	0.24	-0.13	0.86	-0.15	0.94	St Simons
7435	465921	3462737	465956	3462702	-0.28	0.28	-0.26	0.93	-0.26	0.97	St Simons
7436	465937	3462784	465987	3462744	-0.41	0.25	-0.39	0.95	-0.36	0.97	St Simons
7437	465952	3462832	466013	3462785	-0.49	0.23	-0.47	0.97	-0.45	0.98	St Simons
7438	465967	3462880	466033	3462824	-0.56	0.25	-0.54	0.98	-0.54	0.99	St Simons
7439	465987	3462925	466046	3462844	-0.67	0.21	-0.65	0.99	-0.71	0.99	St Simons
7440	466033	3462926	466051	3462851	-0.49	0.57	-0.49	0.84	-0.66	0.92	St Simons
7441	466074	3462898	466071	3462859	-0.18	0.22	-0.20	0.89	-0.20	0.95	St Simons
7442	466107	3462861	466096	3462831	-0.07	0.44	-0.12	0.46	-0.08	0.51	St Simons
7443	466145	3462829	466136	3462813	-0.01	0.18	-0.03	0.22	-0.03	0.36	St Simons
7444	466187	3462801	466173	3462780	-0.01	0.36	-0.04	0.14	-0.03	0.12	St Simons
7445	466230	3462775	466219	3462755	-0.07	0.21	-0.07	0.49	-0.11	0.81	St Simons
7446	466275	3462755	466266	3462735	-0.08	0.22	-0.08	0.72	-0.11	0.84	St Simons
7447	466324	3462745	466315	3462718	-0.13	0.07	-0.13	0.96	-0.11	0.96	St Simons
7448	466374	3462741	466363	3462697	-0.26	0.09	-0.26	0.98	-0.24	0.99	St Simons
7449	466424	3462737	466416	3462687	-0.30	0.04	-0.30	1.00	-0.29	1.00	St Simons
7450	466474	3462730	466468	3462673	-0.36	0.11	-0.36	0.99	-0.38	0.99	St Simons
7451	466523	3462724	466519	3462670	-0.31	0.65	-0.33	0.85	-0.28	0.87	St Simons
7452	466573	3462721	466569	3462668	-0.31	0.42	-0.31	0.93	-0.35	0.94	St Simons
7453	466623	3462717	466618	3462666	-0.30	0.36	-0.29	0.95	-0.33	0.96	St Simons
7454	466673	3462712	466668	3462661	-0.31	0.39	-0.31	0.94	-0.34	0.96	St Simons
7455	466722	3462707	466710	3462650	-0.36	0.33	-0.36	0.97	-0.38	0.97	St Simons
7456	466772	3462701	466764	3462641	-0.37	0.31	-0.36	0.97	-0.41	0.97	St Simons
7457	466822	3462695	466815	3462615	-0.52	0.45	-0.47	0.89	-0.64	0.94	St Simons
7458	466871	3462688	466868	3462610	-0.50	0.00	-0.50	0.00	-0.50	0.00	St Simons
7459	466920	3462679	466915	3462621	-0.36	0.26	-0.35	0.96	-0.40	0.97	St Simons
7460	466969	3462669	466967	3462623	-0.27	0.17	-0.28	0.98	-0.27	0.99	St Simons
7461	467017	3462653	467010	3462618	-0.18	0.23	-0.20	0.92	-0.19	0.96	St Simons
7462	467062	3462633	467054	3462608	-0.07	0.27	-0.09	0.45	-0.12	0.77	St Simons
7463	467110	3462618	467095	3462589	0.03	0.48	0.00	0.00	-0.06	0.22	St Simons
7464	467150	3462588	467134	3462567	0.06	0.52	0.04	0.08	0.01	0.01	St Simons
7465	467183	3462551	467166	3462532	0.06	0.52	0.04	0.11	0.09	0.54	St Simons
7466	467214	3462512	467193	3462493	0.04	0.56	0.00	0.00	0.04	0.16	St Simons
7467	467245	3462474	467224	3462456	-0.01	0.39	-0.04	0.11	-0.04	0.17	St Simons
7468	467275	3462435	467253	3462417	0.04	0.67	0.00	0.00	0.05	0.22	St Simons
7469	467312	3462402	467289	3462383	0.09	0.46	0.07	0.20	0.17	0.74	St Simons
7470	467348	3462367	467316	3462340	0.12	0.41	0.09	0.15	0.32	0.73	St Simons
7471	467377	3462327	467344	3462296	0.08	0.43	0.06	0.06	0.31	0.65	St Simons
7472	467409	3462288	467382	3462261	0.04	0.45	0.03	0.01	0.22	0.60	St Simons
7473	467444	3462254	467421	3462227	-0.06	0.38	-0.09	0.18	0.09	0.25	St Simons
7474	467490	3462234	467465	3462196	-0.26	0.28	-0.26	0.75	-0.13	0.50	St Simons
7475	467536	3462215	467508	3462165	-0.35	0.33	-0.34	0.84	-0.23	0.78	St Simons
7476	467583	3462197	467558	3462145	-0.36	0.30	-0.34	0.89	-0.28	0.91	St Simons
7477	467631	3462184	467606	3462126	-0.40	0.30	-0.37	0.95	-0.40	0.98	St Simons
7478	467680	3462171	467653	3462111	-0.41	0.32	-0.38	0.94	-0.40	0.98	St Simons
7479	467724	3462148	467695	3462092	-0.39	0.12	-0.38	0.99	-0.42	0.99	St Simons
7480	467767	3462123	467735	3462073	-0.38	0.16	-0.38	0.99	-0.35	0.99	St Simons
7481	467803	3462088	467770	3462046	-0.32	0.29	-0.32	0.95	-0.34	0.97	St Simons
7482	467834	3462049	467808	3462010	-0.26	0.00	-0.26	1.00	-0.26	1.00	St Simons
7484	467896	3461978	467886	3461942	0.40	0.00	0.40	0.00	0.40	0.00	St Simons
7485	467945	3461977	467938	3461937	0.22	0.20	0.23	0.93	0.18	0.93	St Simons
7486	467995	3461973	467993	3461947	0.05	0.31	0.06	0.26	-0.04	0.10	St Simons
7487	468042	3461959	468038	3461936	-0.07	0.29	-0.06	0.37	-0.14	0.72	St Simons
7488	468092	3461952	468083	3461920	-0.17	0.20	-0.16	0.95	-0.17	0.96	St Simons
7489	468141	3461947	468129	3461905	-0.24	0.31	-0.26	0.92	-0.21	0.94	St Simons
7490	468191	3461942	468180	3461889	-0.32	0.26	-0.34	0.96	-0.28	0.96	St Simons
7491	468241	3461937	468230	3461881	-0.35	0.15	-0.36	0.95	-0.28	0.94	St Simons
7492	468291	3461937	468281	3461872	-0.41	0.22	-0.42	0.95	-0.34	0.96	St Simons
7493	468341	3461937	468332	3461867	-0.45	0.29	-0.47	0.93	-0.34	0.90	St Simons
7494	468391	3461935	468381	3461858	-0.51	0.22	-0.53	0.97	-0.42	0.95	St Simons
7495	468441	3461932	468430	3461852	-0.52	0.31	-0.55	0.97	-0.45	0.96	St Simons
7496	468491	3461929	468480	3461849	-0.52	0.28	-0.55	0.97	-0.44	0.95	St Simons
7497	468540	3461921	468531	3461843	-0.50	0.17	-0.52	0.98	-0.44	0.97	St Simons
7498	468589	3461912	468579	3461834	-0.50	0.12	-0.51	0.99	-0.46	0.99	St Simons
7499	468638	3461901	468627	3461830	-0.46	0.12	-0.46	0.98	-0.40	0.98	St Simons
7500	468687	3461890	468675	3461824	-0.42	0.13	-0.43	0.99	-0.38	0.98	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7501	468729	3461863	468714	3461818	-0.28	0.16	-0.29	0.96	-0.31	0.98	St Simons
7502	468770	3461835	468756	3461807	-0.13	0.20	-0.13	0.62	-0.21	0.86	St Simons
7503	468812	3461809	468793	3461786	0.07	0.44	0.04	0.08	0.00	0.00	St Simons
7504	468850	3461777	468817	3461754	0.20	0.42	0.17	0.50	0.09	0.37	St Simons
7505	468891	3461747	468832	3461729	0.36	0.47	0.34	0.78	0.23	0.74	St Simons
7506	468933	3461720	468827	3461683	0.75	0.58	0.73	0.88	0.53	0.86	St Simons
7507	468972	3461690	468836	3461634	1.01	0.60	1.01	0.91	0.74	0.88	St Simons
7508	469010	3461657	468876	3461576	1.08	0.47	1.09	0.94	0.82	0.91	St Simons
7509	469050	3461627	468946	3461528	0.99	0.52	1.02	0.97	0.84	0.96	St Simons
7510	469086	3461592	469017	3461478	0.91	0.54	0.94	0.98	0.86	0.98	St Simons
7511	469119	3461555	469064	3461450	0.81	0.41	0.82	0.99	0.83	0.99	St Simons
7512	469153	3461519	469111	3461424	0.69	0.40	0.68	0.98	0.74	0.99	St Simons
7513	469185	3461480	469154	3461407	0.51	0.33	0.48	0.92	0.63	0.95	St Simons
7514	469214	3461440	469195	3461394	0.29	0.19	0.27	0.90	0.37	0.95	St Simons
7515	469251	3461407	469238	3461381	0.15	0.29	0.12	0.51	0.24	0.85	St Simons
7516	469289	3461376	469276	3461353	-0.03	0.29	-0.06	0.23	0.05	0.21	St Simons
7517	469337	3461362	469315	3461326	-0.19	0.27	-0.22	0.80	-0.10	0.53	St Simons
7518	469384	3461344	469353	3461297	-0.28	0.44	-0.33	0.84	-0.19	0.68	St Simons
7519	469430	3461325	469393	3461270	-0.35	0.53	-0.41	0.87	-0.31	0.88	St Simons
7520	469474	3461301	469436	3461247	-0.34	0.56	-0.40	0.85	-0.29	0.87	St Simons
7521	469517	3461275	469477	3461219	-0.39	0.54	-0.44	0.89	-0.35	0.90	St Simons
7522	469557	3461245	469514	3461188	-0.38	0.72	-0.45	0.82	-0.39	0.89	St Simons
7523	469596	3461214	469550	3461159	-0.38	0.81	-0.45	0.79	-0.38	0.84	St Simons
7524	469630	3461178	469587	3461130	-0.38	0.67	-0.44	0.84	-0.41	0.90	St Simons
7525	469664	3461141	469620	3461096	-0.37	0.69	-0.43	0.82	-0.41	0.89	St Simons
7526	469695	3461102	469648	3461066	-0.33	0.73	-0.39	0.77	-0.38	0.87	St Simons
7527	469716	3461058	469675	3461037	-0.20	0.58	-0.24	0.61	-0.28	0.82	St Simons
7528	469727	3461009	469696	3460998	0.06	0.55	0.02	0.01	-0.06	0.14	St Simons
7529	469731	3460959	469697	3460953	0.14	0.40	0.11	0.36	0.06	0.24	St Simons
7530	469729	3460909	469697	3460909	0.15	0.41	0.13	0.50	0.07	0.32	St Simons
7531	469725	3460860	469697	3460862	0.13	0.36	0.12	0.68	0.10	0.74	St Simons
7532	469718	3460811	469693	3460815	0.11	0.38	0.11	0.65	0.13	0.80	St Simons
7533	469712	3460764	469683	3460769	0.08	0.70	0.08	0.27	0.08	0.32	St Simons
7534	469702	3460715	469670	3460726	0.10	0.26	0.09	0.28	0.22	0.75	St Simons
7535	469686	3460671	469654	3460681	0.05	0.75	0.07	0.14	0.10	0.34	St Simons
7536	469668	3460625	469633	3460638	-0.14	0.36	-0.17	0.75	-0.11	0.74	St Simons
7537	469660	3460577	469638	3460583	0.01	0.35	-0.02	0.04	0.06	0.31	St Simons
7538	469663	3460529	469635	3460535	0.01	0.60	0.03	0.06	0.01	0.03	St Simons
7539	469667	3460479	469636	3460481	0.14	0.62	0.12	0.44	0.11	0.54	St Simons
7540	469667	3460430	469645	3460432	0.07	0.31	0.05	0.36	0.06	0.56	St Simons
7541	469676	3460383	469646	3460390	-0.06	0.41	-0.10	0.42	-0.01	0.00	St Simons
7542	469686	3460371	469646	3460378	-0.13	0.36	-0.16	0.66	-0.05	0.14	St Simons
7543	469662	3460333	469613	3460341	-0.18	0.59	-0.12	0.21	-0.35	0.68	St Simons
7544	469676	3460286	469642	3460290	-0.11	0.24	-0.13	0.82	-0.11	0.88	St Simons
7545	469690	3460238	469645	3460244	-0.17	0.49	-0.22	0.70	-0.13	0.60	St Simons
7546	469699	3460189	469659	3460186	-0.19	0.20	-0.22	0.91	-0.15	0.88	St Simons
7547	469711	3460141	469655	3460137	-0.33	0.27	-0.36	0.94	-0.27	0.93	St Simons
7548	469724	3460093	469662	3460085	-0.39	0.30	-0.41	0.97	-0.38	0.98	St Simons
7549	469742	3460046	469663	3460034	-0.51	0.16	-0.53	0.99	-0.49	0.99	St Simons
7550	469763	3460001	469675	3459975	-0.61	0.30	-0.62	0.99	-0.60	0.99	St Simons
7551	469792	3459960	469705	3459924	-0.62	0.25	-0.64	0.95	-0.50	0.95	St Simons
7552	469822	3459920	469732	3459877	-0.65	0.66	-0.68	0.91	-0.51	0.90	St Simons
7553	469853	3459880	469750	3459834	-0.75	0.50	-0.77	0.94	-0.60	0.93	St Simons
7554	469874	3459835	469773	3459788	-0.75	0.48	-0.77	0.95	-0.62	0.95	St Simons
7555	469893	3459789	469797	3459735	-0.74	0.37	-0.76	0.98	-0.67	0.98	St Simons
7556	469913	3459743	469818	3459693	-0.71	0.53	-0.73	0.98	-0.72	0.99	St Simons
7557	469939	3459700	469844	3459640	-0.75	1.02	-0.77	0.92	-0.62	0.88	St Simons
7558	469966	3459658	469877	3459596	-0.72	0.29	-0.74	0.99	-0.76	0.99	St Simons
7559	469999	3459621	469908	3459556	-0.75	0.39	-0.79	0.98	-0.75	0.99	St Simons
7560	470035	3459586	469934	3459522	-0.81	0.29	-0.84	0.99	-0.75	0.99	St Simons
7561	470063	3459545	469965	3459479	-0.80	0.29	-0.82	0.99	-0.76	0.99	St Simons
7562	470084	3459500	469987	3459442	-0.76	0.17	-0.77	1.00	-0.77	1.00	St Simons
7563	470107	3459456	470008	3459404	-0.75	0.49	-0.74	0.98	-0.82	0.98	St Simons
7564	470128	3459411	470030	3459367	-0.72	0.38	-0.72	0.99	-0.74	0.99	St Simons
7565	470147	3459364	470046	3459326	-0.73	0.65	-0.72	0.97	-0.78	0.97	St Simons
7566	470156	3459315	470056	3459291	-0.68	0.65	-0.66	0.96	-0.74	0.97	St Simons
7567	470154	3459265	470064	3459255	-0.59	0.62	-0.57	0.95	-0.66	0.96	St Simons
7568	470149	3459215	470070	3459218	-0.52	0.32	-0.50	0.98	-0.55	0.98	St Simons
7569	470140	3459167	470065	3459185	-0.49	0.73	-0.49	0.91	-0.58	0.93	St Simons
7570	470107	3459129	470056	3459148	-0.33	0.79	-0.30	0.71	-0.45	0.84	St Simons
7571	470068	3459101	470045	3459133	-0.12	0.97	-0.07	0.08	-0.20	0.46	St Simons
7572	470018	3459099	470007	3459132	-0.01	0.77	0.04	0.04	0.01	0.01	St Simons
7573	469968	3459094	469965	3459133	0.00	0.77	0.05	0.05	0.04	0.06	St Simons
7574	469918	3459095	469921	3459135	-0.01	0.74	0.05	0.05	0.05	0.11	St Simons
7575	469868	3459095	469871	3459138	0.02	0.91	0.08	0.10	0.07	0.12	St Simons
7576	469819	3459101	469822	3459141	0.02	0.89	0.07	0.09	0.07	0.14	St Simons
7577	469769	3459107	469773	3459145	0.01	0.76	0.06	0.07	0.06	0.13	St Simons
7578	469720	3459114	469725	3459152	0.00	0.88	0.05	0.06	0.04	0.05	St Simons
7579	469670	3459121	469677	3459159	-0.01	0.88	0.05	0.04	0.02	0.02	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7580	469621	3459130	469628	3459167	0.01	0.77	0.06	0.08	0.03	0.04	St Simons
7581	469573	3459141	469580	3459177	0.02	0.67	0.07	0.12	0.05	0.12	St Simons
7582	469524	3459151	469531	3459189	0.02	0.78	0.08	0.13	0.05	0.11	St Simons
7583	469475	3459162	469481	3459200	0.01	0.81	0.07	0.09	0.05	0.07	St Simons
7584	469425	3459166	469430	3459209	0.03	0.92	0.08	0.10	0.09	0.18	St Simons
7585	469375	3459169	469384	3459214	0.05	0.86	0.10	0.13	0.16	0.43	St Simons
7586	469326	3459168	469330	3459213	0.08	0.84	0.12	0.19	0.18	0.50	St Simons
7587	469285	3459181	469287	3459228	0.00	0.29	0.00	0.00	0.06	0.32	St Simons
7588	469242	3459161	469241	3459221	0.09	1.04	0.14	0.15	0.26	0.53	St Simons
7589	469195	3459151	469190	3459211	0.07	1.12	0.15	0.17	0.19	0.38	St Simons
7590	469146	3459144	469133	3459197	0.07	1.05	0.15	0.21	0.11	0.22	St Simons
7591	469097	3459135	469083	3459181	0.10	0.84	0.16	0.32	0.16	0.47	St Simons
7592	469049	3459123	469027	3459167	0.21	1.10	0.20	0.28	0.26	0.25	St Simons
7593	469006	3459110	468982	3459154	0.28	0.00	0.28	0.00	0.28	0.00	St Simons
7594	468962	3459087	468923	3459154	0.49	0.90	0.49	0.84	0.35	0.74	St Simons
7595	468918	3459063	468894	3459100	0.16	1.08	0.17	0.36	0.22	0.56	St Simons
7596	468872	3459043	468849	3459079	0.10	0.92	0.10	0.15	0.21	0.57	St Simons
7597	468826	3459024	468808	3459059	0.05	0.73	0.06	0.07	0.16	0.51	St Simons
7598	468781	3459002	468762	3459037	0.01	1.01	0.03	0.02	0.09	0.18	St Simons
7599	468736	3458982	468717	3459011	-0.02	0.68	0.00	0.00	0.07	0.20	St Simons
7600	468694	3458954	468673	3458984	-0.07	0.48	-0.05	0.07	0.06	0.14	St Simons
7601	468654	3458924	468633	3458954	-0.09	0.42	-0.07	0.14	0.03	0.04	St Simons
7602	468615	3458892	468596	3458918	-0.13	0.47	-0.10	0.38	-0.08	0.42	St Simons
7603	468582	3458855	468548	3458898	-0.22	0.45	-0.22	0.59	-0.06	0.10	St Simons
7604	468551	3458816	468519	3458852	-0.28	0.80	-0.26	0.65	-0.23	0.68	St Simons
7605	468525	3458773	468482	3458817	-0.38	0.44	-0.38	0.81	-0.25	0.76	St Simons
7606	468502	3458729	468439	3458776	-0.50	0.41	-0.50	0.93	-0.42	0.94	St Simons
7607	468478	3458685	468413	3458728	-0.50	0.47	-0.51	0.93	-0.40	0.93	St Simons
7608	468455	3458641	468382	3458677	-0.53	0.76	-0.51	0.91	-0.50	0.93	St Simons
7609	468431	3458597	468355	3458631	-0.55	0.39	-0.54	0.98	-0.54	0.98	St Simons
7610	468417	3458550	468333	3458583	-0.57	0.21	-0.57	0.97	-0.53	0.99	St Simons
7611	468426	3458501	468321	3458533	-0.74	0.20	-0.76	0.99	-0.66	0.98	St Simons
7612	468419	3458452	468294	3458476	-0.86	0.07	-0.86	1.00	-0.84	1.00	St Simons
7613	468410	3458403	468291	3458426	-0.82	0.33	-0.81	0.99	-0.80	0.98	St Simons
7614	468404	3458354	468304	3458368	-0.67	0.49	-0.68	0.92	-0.50	0.87	St Simons
7615	468396	3458304	468298	3458312	-0.65	0.17	-0.67	0.98	-0.57	0.98	St Simons
7616	468385	3458256	468288	3458269	-0.65	0.24	-0.67	0.99	-0.66	0.99	St Simons
7617	468383	3458206	468282	3458222	-0.69	0.46	-0.72	0.95	-0.78	0.98	St Simons
7618	468368	3458158	468276	3458173	-0.62	0.27	-0.61	0.93	-0.76	0.96	St Simons
7619	468350	3458112	468265	3458127	-0.56	0.51	-0.52	0.83	-0.77	0.92	St Simons
7620	468328	3458067	468258	3458083	-0.46	0.82	-0.43	0.75	-0.66	0.87	St Simons
7621	468306	3458022	468247	3458038	-0.36	1.04	-0.33	0.60	-0.57	0.80	St Simons
7622	468276	3457982	468235	3457995	-0.24	0.37	-0.22	0.71	-0.36	0.87	St Simons
7623	468248	3457941	468218	3457952	-0.16	0.24	-0.14	0.71	-0.22	0.90	St Simons
7624	468226	3457896	468200	3457909	-0.10	0.40	-0.07	0.28	-0.18	0.70	St Simons
7625	468196	3457856	468181	3457866	-0.06	0.21	-0.04	0.30	-0.07	0.76	St Simons
7626	468175	3457811	468153	3457824	0.08	0.45	0.06	0.09	-0.02	0.03	St Simons
7627	468147	3457770	468110	3457788	0.34	0.95	0.28	0.36	0.12	0.22	St Simons
7629	468117	3457678	468064	3457695	NA	NA	NA	0.00	NA	0.00	St Simons
7630	468096	3457632	468050	3457643	-0.12	0.50	-0.17	0.39	0.05	0.06	St Simons
7631	468076	3457586	468034	3457598	-0.18	0.38	-0.19	0.56	-0.04	0.05	St Simons
7632	468051	3457543	468015	3457554	-0.10	0.41	-0.09	0.18	0.06	0.13	St Simons
7633	468025	3457500	467989	3457512	-0.11	0.00	-0.11	0.00	-0.11	0.00	St Simons
7634	468006	3457458	467980	3457466	0.06	0.34	0.09	0.46	0.09	0.70	St Simons
7635	467998	3457410	467967	3457418	0.05	0.50	0.10	0.35	0.05	0.26	St Simons
7636	467975	3457366	467952	3457372	0.03	0.35	0.05	0.25	0.04	0.38	St Simons
7637	467954	3457321	467931	3457326	0.01	0.40	0.02	0.06	0.06	0.37	St Simons
7638	467940	3457273	467920	3457277	0.00	0.34	0.02	0.06	0.01	0.03	St Simons
7639	467931	3457224	467910	3457226	0.00	0.29	0.02	0.07	-0.04	0.31	St Simons
7640	467920	3457176	467895	3457178	-0.04	0.47	-0.04	0.12	0.02	0.05	St Simons
7641	467920	3457126	467903	3457126	-0.03	0.21	-0.01	0.05	0.01	0.02	St Simons
7642	467919	3457076	467905	3457075	0.00	0.09	0.00	0.00	0.03	0.48	St Simons
7643	467930	3457028	467908	3457024	0.03	0.34	0.04	0.25	0.01	0.02	St Simons
7644	467948	3456981	467918	3456973	-0.04	0.59	0.00	0.00	-0.10	0.45	St Simons
7645	467960	3456933	467929	3456926	-0.10	0.79	-0.06	0.11	-0.14	0.55	St Simons
7646	467989	3456893	467947	3456878	-0.02	65.58	-0.07	0.10	-0.11	0.41	St Simons
7647	467996	3456847	467950	3456823	NA	NA	NA	0.00	NA	0.00	St Simons
7648	467999	3456798	467981	3456786	NA	NA	NA	0.00	NA	0.00	St Simons
7649	468038	3456767	468008	3456747	0.03	55.16	-0.03	0.02	-0.02	0.02	St Simons
7650	468074	3456733	468052	3456712	-0.01	23.54	-0.02	0.02	-0.03	0.07	St Simons
7651	468109	3456698	468085	3456675	-0.09	10.89	-0.06	0.15	-0.09	0.32	St Simons
7652	468142	3456660	468118	3456638	-0.16	11.62	-0.13	0.51	-0.17	0.73	St Simons
7653	468179	3456627	468149	3456601	-0.22	0.78	-0.22	0.67	-0.22	0.74	St Simons
7654	468220	3456598	468184	3456567	-0.27	0.86	-0.26	0.70	-0.23	0.71	St Simons
7655	468261	3456569	468221	3456527	-0.32	1.19	-0.31	0.62	-0.24	0.55	St Simons
7656	468299	3456538	468264	3456492	-0.35	0.75	-0.32	0.80	-0.29	0.84	St Simons
7658	468384	3456495	468347	3456436	-0.42	0.48	-0.44	0.95	-0.40	0.94	St Simons
7659	468428	3456471	468396	3456413	-0.41	0.75	-0.43	0.89	-0.36	0.84	St Simons
7660	468475	3456455	468438	3456386	-0.50	0.65	-0.51	0.93	-0.43	0.91	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7661	468519	3456433	468482	3456362	-0.51	0.71	-0.51	0.91	-0.41	0.87	St Simons
7662	468565	3456412	468528	3456342	-0.51	0.81	-0.53	0.89	-0.39	0.79	St Simons
7663	468610	3456391	468568	3456315	-0.52	1.36	-0.56	0.78	-0.36	0.57	St Simons
7664	468655	3456370	468611	3456294	-0.58	1.18	-0.59	0.84	-0.44	0.74	St Simons
7665	468696	3456340	468648	3456266	-0.58	0.84	-0.56	0.91	-0.52	0.93	St Simons
7666	468737	3456311	468682	3456239	-0.60	0.76	-0.55	0.89	-0.66	0.96	St Simons
7667	468776	3456281	468715	3456221	-0.56	0.57	-0.52	0.90	-0.66	0.96	St Simons
7668	468791	3456234	468740	3456203	-0.35	0.58	-0.31	0.64	-0.53	0.89	St Simons
7669	468804	3456187	468769	3456179	-0.13	0.43	-0.12	0.53	-0.19	0.83	St Simons
7670	468789	3456139	468766	3456139	-0.03	0.07	-0.03	0.70	-0.04	0.85	St Simons
7671	468778	3456091	468736	3456099	0.10	0.06	0.10	0.98	0.10	0.99	St Simons
7672	468771	3456041	468738	3456051	0.13	0.18	0.14	0.83	0.16	0.93	St Simons
7673	468773	3455992	468733	3455997	0.12	0.51	0.16	0.57	0.13	0.70	St Simons
7674	468785	3455943	468723	3455939	0.22	0.72	0.27	0.68	0.27	0.84	St Simons
7675	468802	3455896	468732	3455888	0.24	0.89	0.30	0.63	0.30	0.80	St Simons
7676	468804	3455848	468755	3455837	0.20	0.48	0.24	0.75	0.21	0.86	St Simons
7677	468824	3455803	468768	3455784	0.25	0.48	0.28	0.73	0.34	0.89	St Simons
7678	468846	3455759	468789	3455740	0.21	0.71	0.25	0.63	0.30	0.83	St Simons
7679	468868	3455714	468805	3455699	0.20	1.01	0.24	0.53	0.27	0.71	St Simons
7680	468903	3455681	468813	3455679	0.52	0.66	0.50	0.87	0.68	0.92	St Simons
7681	468870	3455647	468822	3455661	0.21	0.27	0.22	0.67	0.08	0.32	St Simons
7682	468855	3455603	468804	3455635	-0.36	0.37	-0.33	0.91	-0.36	0.96	St Simons
7683	468807	3455592	468781	3455623	-0.23	0.48	-0.18	0.63	-0.28	0.85	St Simons
7684	468760	3455576	468747	3455598	-0.06	0.51	-0.01	0.01	-0.12	0.47	St Simons
7685	468715	3455555	468697	3455583	-0.17	0.59	-0.12	0.38	-0.24	0.74	St Simons
7686	468678	3455522	468654	3455556	-0.23	0.60	-0.19	0.64	-0.25	0.80	St Simons
7687	468648	3455482	468617	3455518	-0.27	0.54	-0.24	0.67	-0.19	0.69	St Simons
7688	468624	3455439	468573	3455477	-0.41	0.49	-0.38	0.83	-0.32	0.88	St Simons
7689	468598	3455403	468549	3455431	-0.34	0.48	-0.31	0.77	-0.25	0.82	St Simons
7690	468585	3455355	468520	3455381	-0.41	0.96	-0.38	0.64	-0.22	0.46	St Simons
7691	468565	3455310	468514	3455319	-0.29	0.41	-0.26	0.78	-0.23	0.87	St Simons
7692	468555	3455261	468491	3455267	-0.40	0.47	-0.35	0.86	-0.46	0.95	St Simons
7693	468548	3455211	468489	3455213	-0.37	0.27	-0.34	0.91	-0.44	0.96	St Simons
7694	468546	3455162	468491	3455161	-0.33	0.43	-0.30	0.89	-0.36	0.96	St Simons
7695	468564	3455116	468497	3455111	-0.41	0.57	-0.40	0.86	-0.30	0.81	St Simons
7696	468549	3455083	468499	3455076	-0.16	0.00	-0.16	0.00	-0.16	0.00	St Simons
7698	468570	3454986	468531	3454977	-0.21	0.42	-0.21	0.77	-0.13	0.62	St Simons
7699	468592	3454943	468551	3454929	-0.24	0.49	-0.26	0.85	-0.18	0.73	St Simons
7700	468626	3454907	468568	3454886	-0.37	0.48	-0.38	0.85	-0.24	0.69	St Simons
7701	468620	3454859	468587	3454847	-0.23	0.60	-0.17	0.43	-0.11	0.43	St Simons
7702	468635	3454814	468606	3454803	-0.11	0.62	-0.13	0.48	-0.13	0.56	St Simons
7703	468645	3454765	468621	3454755	-0.05	0.49	-0.06	0.26	-0.05	0.27	St Simons
7704	468661	3454717	468637	3454708	-0.06	0.50	-0.09	0.39	-0.04	0.11	St Simons
7705	468678	3454670	468646	3454658	-0.09	0.24	-0.10	0.48	-0.16	0.76	St Simons
7706	468694	3454623	468668	3454612	-0.12	0.40	-0.15	0.71	-0.09	0.50	St Simons
7707	468715	3454578	468683	3454564	-0.15	0.55	-0.17	0.68	-0.10	0.40	St Simons
7708	468735	3454532	468699	3454519	-0.16	0.62	-0.18	0.64	-0.09	0.30	St Simons
7709	468745	3454483	468718	3454474	-0.04	0.60	-0.08	0.24	-0.02	0.03	St Simons
7710	468763	3454437	468735	3454427	0.03	0.64	-0.01	0.00	0.01	0.01	St Simons
7711	468782	3454390	468750	3454381	0.07	0.79	0.04	0.04	0.03	0.03	St Simons
7712	468801	3454344	468765	3454334	0.05	0.94	0.01	0.00	-0.01	0.00	St Simons
7713	468819	3454298	468775	3454284	-0.02	1.24	-0.03	0.02	-0.04	0.03	St Simons
7714	468833	3454250	468790	3454237	-0.04	1.34	-0.03	0.02	-0.03	0.02	St Simons
7715	468844	3454201	468806	3454191	-0.03	1.19	-0.01	0.00	0.01	0.00	St Simons
7716	468861	3454154	468818	3454146	0.04	1.12	0.06	0.07	0.14	0.31	St Simons
7717	468868	3454104	468827	3454103	0.15	0.98	0.15	0.34	0.26	0.62	St Simons
7718	468878	3454055	468829	3454065	0.27	0.95	0.26	0.58	0.41	0.78	St Simons
7719	468881	3454005	468816	3454028	0.43	0.91	0.42	0.83	0.54	0.88	St Simons
7720	468870	3453957	468792	3453994	0.57	0.79	0.56	0.93	0.59	0.94	St Simons
7721	468854	3453909	468774	3453957	0.61	0.59	0.58	0.95	0.63	0.96	St Simons
7722	468827	3453867	468749	3453918	0.62	0.39	0.60	0.98	0.61	0.98	St Simons
7723	468797	3453828	468727	3453870	0.53	0.33	0.53	0.99	0.54	0.99	St Simons
7724	468765	3453789	468700	3453833	0.51	0.36	0.51	0.98	0.53	0.99	St Simons
7725	468725	3453758	468676	3453803	0.42	0.34	0.42	0.97	0.43	0.98	St Simons
7726	468682	3453735	468656	3453773	0.25	0.26	0.27	0.94	0.24	0.97	St Simons
7727	468635	3453718	468625	3453743	0.02	0.31	0.05	0.18	-0.05	0.25	St Simons
7728	468589	3453702	468584	3453746	-0.25	0.31	-0.22	0.80	-0.32	0.92	St Simons
7729	468543	3453683	468553	3453751	-0.43	0.48	-0.40	0.94	-0.44	0.95	St Simons
7730	468494	3453685	468518	3453757	-0.49	0.48	-0.47	0.93	-0.43	0.95	St Simons
7731	468448	3453703	468483	3453774	-0.52	0.63	-0.49	0.87	-0.42	0.90	St Simons
7732	468406	3453730	468446	3453790	-0.46	0.75	-0.43	0.78	-0.34	0.80	St Simons
7733	468372	3453766	468423	3453830	-0.33	0.65	-0.30	0.60	-0.18	0.48	St Simons
7734	468337	3453802	468375	3453844	-0.29	0.67	-0.25	0.48	-0.13	0.33	St Simons
7735	468297	3453833	468342	3453878	-0.32	0.81	-0.28	0.49	-0.16	0.38	St Simons
7736	468266	3453872	468306	3453916	-0.21	0.96	-0.16	0.23	-0.05	0.04	St Simons
7737	468231	3453906	468265	3453949	-0.12	1.18	-0.08	0.06	0.02	0.01	St Simons
7738	468191	3453937	468223	3453980	-0.13	1.04	-0.08	0.07	0.01	0.00	St Simons
7739	468153	3453969	468179	3454010	-0.13	0.91	-0.07	0.07	-0.01	0.01	St Simons
7740	468117	3454003	468136	3454034	-0.02	0.54	0.02	0.01	0.11	0.35	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7741	468073	3454027	468091	3454059	0.01	0.73	0.06	0.09	0.03	0.04	St Simons
7742	468032	3454055	468047	3454082	0.04	0.66	0.09	0.24	0.03	0.04	St Simons
7743	467987	3454078	468004	3454109	-0.02	0.83	0.03	0.02	0.02	0.01	St Simons
7744	467944	3454103	467960	3454132	-0.04	0.75	-0.01	0.00	0.02	0.01	St Simons
7745	467898	3454124	467915	3454156	-0.04	0.88	0.00	0.00	0.00	0.00	St Simons
7746	467855	3454147	467871	3454182	0.07	0.87	0.11	0.24	0.09	0.22	St Simons
7747	467808	3454166	467824	3454203	0.07	0.93	0.11	0.21	0.09	0.20	St Simons
7748	467763	3454187	467776	3454220	0.11	0.77	0.14	0.40	0.13	0.45	St Simons
7749	467715	3454201	467727	3454237	0.14	0.72	0.19	0.54	0.14	0.48	St Simons
7750	467668	3454217	467678	3454253	0.17	0.72	0.21	0.61	0.15	0.52	St Simons
7751	467620	3454232	467629	3454267	0.16	0.67	0.20	0.61	0.17	0.63	St Simons
7752	467571	3454243	467579	3454281	0.17	0.69	0.20	0.60	0.20	0.70	St Simons
7753	467522	3454252	467527	3454290	0.18	0.72	0.20	0.61	0.20	0.68	St Simons
7754	467473	3454261	467475	3454293	0.14	0.63	0.17	0.59	0.16	0.63	St Simons
7755	467423	3454263	467423	3454295	0.06	0.64	0.09	0.22	0.12	0.47	St Simons
7756	467373	3454260	467371	3454293	0.04	0.74	0.06	0.09	0.10	0.33	St Simons
7757	467324	3454253	467326	3454288	0.10	0.71	0.11	0.32	0.16	0.57	St Simons
7758	467275	3454244	467276	3454279	0.02	0.79	0.04	0.04	0.08	0.23	St Simons
7759	467225	3454235	467226	3454328	0.55	0.74	0.57	0.78	0.28	0.47	St Simons
7760	467177	3454245	467179	3454317	0.32	0.44	0.35	0.79	0.21	0.63	St Simons
7761	467137	3454241	467146	3454333	-0.27	0.35	-0.30	0.92	-0.25	0.90	St Simons
7762	467120	3454231	467123	3454302	-0.21	0.09	-0.21	0.96	-0.18	0.96	St Simons
7763	467094	3454211	467105	3454300	-0.59	0.95	-0.56	0.79	-0.43	0.80	St Simons
7764	467053	3454240	467074	3454312	-0.48	0.87	-0.45	0.75	-0.34	0.75	St Simons
7765	467010	3454262	467035	3454329	-0.46	0.84	-0.43	0.74	-0.33	0.75	St Simons
7766	466964	3454280	466994	3454350	-0.49	0.87	-0.47	0.79	-0.38	0.80	St Simons
7767	466920	3454304	466947	3454371	-0.46	0.78	-0.45	0.86	-0.40	0.88	St Simons
7768	466875	3454326	466895	3454391	-0.43	0.72	-0.42	0.89	-0.42	0.91	St Simons
7769	466826	3454334	466839	3454409	-0.49	0.73	-0.46	0.87	-0.44	0.91	St Simons
7770	466776	3454334	466779	3454420	-0.57	0.84	-0.54	0.85	-0.47	0.88	St Simons
7771	466727	3454340	466719	3454416	-0.50	0.81	-0.48	0.81	-0.38	0.82	St Simons
7772	466677	3454333	466661	3454407	-0.49	0.83	-0.47	0.81	-0.38	0.82	St Simons
7773	466627	3454328	466608	3454390	-0.40	0.69	-0.38	0.79	-0.30	0.80	St Simons
7774	466577	3454325	466559	3454370	-0.26	0.78	-0.23	0.57	-0.20	0.62	St Simons
7775	466529	3454312	466510	3454353	-0.15	0.94	-0.11	0.19	-0.08	0.16	St Simons
7776	466497	3454282	466461	3454327	0.26	0.91	0.17	0.25	0.07	0.13	St Simons
7777	466489	3454233	466417	3454295	-0.39	0.85	-0.40	0.49	-0.07	0.04	St Simons
7778	466481	3454184	466366	3454255	-0.73	0.00	-0.73	0.00	-0.73	0.00	St Simons
7779	466473	3454134	466364	3454175	-0.21	0.23	-0.23	0.84	-0.13	0.70	St Simons
7780	466465	3454085	466336	3454108	-0.22	0.36	-0.26	0.83	-0.15	0.69	St Simons
7781	466457	3454036	466324	3454054	-0.25	0.48	-0.30	0.79	-0.16	0.58	St Simons
7782	466449	3453986	466322	3453990	-0.23	0.54	-0.28	0.75	-0.15	0.60	St Simons
7783	466441	3453937	466325	3453928	-0.22	0.53	-0.27	0.77	-0.18	0.74	St Simons
7784	466432	3453888	466333	3453875	-0.26	0.37	-0.30	0.87	-0.21	0.87	St Simons
7785	466424	3453838	466341	3453820	-0.31	0.32	-0.34	0.92	-0.27	0.93	St Simons
7786	466416	3453789	466351	3453783	-0.28	0.25	-0.31	0.91	-0.20	0.82	St Simons
7787	466415	3453740	466359	3453735	-0.08	0.62	-0.06	0.05	0.05	0.11	St Simons
7789	466402	3453645	466371	3453638	NA	NA	NA	0.00	NA	0.00	St Simons
7790	466436	3453610	466393	3453600	-0.78	0.74	-0.75	0.87	-0.85	0.82	St Simons
7791	466467	3453571	466424	3453554	-0.85	0.72	-0.82	0.89	-0.92	0.85	St Simons
7792	466494	3453528	466441	3453506	-0.41	1.00	-0.38	0.47	-0.51	0.48	St Simons
7793	466521	3453486	466456	3453463	-0.54	0.85	-0.52	0.70	-0.63	0.66	St Simons
7794	466525	3453438	466471	3453419	NA	NA	NA	0.00	NA	0.00	St Simons
7795	466539	3453390	466488	3453372	NA	NA	NA	0.00	NA	0.00	St Simons
7797	466570	3453295	466522	3453277	-0.26	0.18	-0.26	0.93	-0.28	0.89	St Simons
7799	466581	3453198	466554	3453191	-0.26	0.12	-0.25	0.97	-0.25	0.99	St Simons
7800	466583	3453148	466567	3453144	-0.10	0.14	-0.09	0.77	-0.07	0.83	St Simons
7801	466587	3453099	466573	3453096	-0.07	0.17	-0.05	0.39	-0.06	0.80	St Simons
7802	466599	3453051	466577	3453050	-0.09	0.26	-0.10	0.79	-0.09	0.78	St Simons
7803	466605	3453001	466582	3453001	-0.10	0.24	-0.11	0.82	-0.08	0.72	St Simons
7804	466609	3452952	466573	3452951	-0.19	0.14	-0.20	0.97	-0.18	0.97	St Simons
7805	466622	3452903	466586	3452902	-0.18	0.37	-0.19	0.80	-0.11	0.58	St Simons
7806	466624	3452853	466590	3452852	-0.15	0.42	-0.16	0.72	-0.09	0.45	St Simons
7807	466627	3452803	466597	3452800	-0.13	0.43	-0.14	0.71	-0.10	0.56	St Simons
7808	466633	3452754	466604	3452749	-0.12	0.48	-0.12	0.63	-0.08	0.44	St Simons
7809	466641	3452704	466608	3452699	-0.11	0.49	-0.11	0.48	-0.03	0.05	St Simons
7810	466661	3452659	466619	3452650	-0.19	0.41	-0.20	0.63	-0.07	0.18	St Simons
7811	466685	3452615	466628	3452609	-0.30	0.48	-0.31	0.74	-0.14	0.40	St Simons
7812	466693	3452567	466637	3452571	-0.30	0.57	-0.30	0.73	-0.15	0.42	St Simons
7813	466694	3452517	466648	3452537	-0.18	0.52	-0.15	0.28	-0.01	0.00	St Simons
7814	466708	3452469	466616	3452501	-0.24	0.18	-0.26	0.96	-0.21	0.95	St Simons
7815	466756	3452475	466646	3452533	-0.18	0.62	-0.15	0.21	0.03	0.02	St Simons
7816	466805	3452488	466634	3452585	-0.35	0.72	-0.36	0.73	-0.18	0.41	St Simons
7817	466803	3452474	466646	3452550	-0.22	0.61	-0.19	0.42	-0.05	0.08	St Simons
7818	466759	3452451	466620	3452513	-0.21	0.17	-0.22	0.92	-0.16	0.84	St Simons
7819	466715	3452427	466611	3452474	0.44	1.79	0.28	0.17	0.05	0.01	St Simons
7822	466624	3452320	466574	3452331	-0.18	0.73	-0.13	0.19	-0.02	0.01	St Simons
7823	466601	3452277	466570	3452283	-0.11	0.48	-0.07	0.16	-0.02	0.03	St Simons
7824	466588	3452229	466557	3452236	-0.04	0.55	0.02	0.01	-0.01	0.02	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7825	466575	3452181	466547	3452190	-0.02	0.53	0.03	0.03	-0.05	0.21	St Simons
7826	466560	3452133	466528	3452144	-0.05	0.59	0.01	0.00	-0.04	0.11	St Simons
7827	466538	3452088	466514	3452099	-0.06	0.43	-0.02	0.03	-0.05	0.25	St Simons
7828	466515	3452045	466492	3452059	-0.04	0.35	-0.03	0.04	-0.06	0.39	St Simons
7829	466509	3451996	466479	3452023	-0.16	0.43	-0.15	0.51	-0.07	0.30	St Simons
7830	466475	3451960	466447	3451996	-0.24	0.76	-0.19	0.44	-0.18	0.56	St Simons
7831	466440	3451924	466410	3451982	-0.40	1.09	-0.34	0.60	-0.36	0.73	St Simons
7832	466402	3451892	466371	3451972	-0.55	1.07	-0.50	0.76	-0.47	0.82	St Simons
7833	466354	3451882	466311	3451948	-0.50	1.06	-0.47	0.72	-0.35	0.70	St Simons
7834	466305	3451888	466256	3451934	-0.64	1.12	-0.53	0.67	-0.41	0.73	St Simons
7835	466285	3451845	466216	3451869	-0.38	0.00	-0.38	0.00	-0.38	0.00	St Simons
7836	466277	3451796	466206	3451793	-0.45	0.29	-0.47	0.94	-0.34	0.85	St Simons
7837	466278	3451748	466224	3451729	-0.21	0.19	-0.23	0.88	-0.14	0.69	St Simons
7838	466300	3451704	466273	3451680	-0.08	0.10	-0.08	0.89	-0.10	0.92	St Simons
7839	466323	3451659	466302	3451628	-0.12	0.00	-0.12	0.00	-0.12	0.00	St Simons
7840	466358	3451628	466339	3451594	0.60	0.00	0.60	0.00	0.60	0.00	St Simons
7841	466406	3451641	466385	3451600	-0.07	0.89	-0.07	0.07	-0.22	0.55	St Simons
7842	466453	3451629	466434	3451588	-0.21	0.60	-0.20	0.56	-0.32	0.84	St Simons
7843	466498	3451606	466467	3451572	-0.23	0.49	-0.25	0.71	-0.32	0.88	St Simons
7844	466537	3451575	466495	3451532	-0.23	0.85	-0.26	0.48	-0.39	0.78	St Simons
7845	466564	3451535	466511	3451490	-0.34	1.04	-0.39	0.61	-0.49	0.82	St Simons
7846	466583	3451489	466510	3451437	-1.01	0.00	-1.01	0.00	-1.01	0.00	St Simons
7847	466615	3451451	466574	3451410	-0.34	0.77	-0.37	0.82	-0.36	0.85	St Simons
7848	466651	3451418	466610	3451361	0.04	1.13	0.02	0.00	-0.29	0.40	St Simons
7849	466691	3451388	466655	3451333	0.07	0.98	0.05	0.02	-0.24	0.35	St Simons
7850	466737	3451369	466713	3451319	-0.22	0.85	-0.24	0.48	-0.35	0.77	St Simons
7851	466780	3451345	466768	3451299	-0.17	0.72	-0.18	0.44	-0.28	0.76	St Simons
7852	466826	3451324	466810	3451285	-0.05	0.75	-0.05	0.04	-0.20	0.54	St Simons
7853	466874	3451310	466858	3451279	0.00	0.71	-0.01	0.00	-0.04	0.11	St Simons
7854	466919	3451292	466885	3451244	-0.08	0.78	-0.08	0.18	-0.14	0.50	St Simons
7855	466947	3451251	466917	3451223	-0.17	1.11	-0.16	0.36	-0.15	0.39	St Simons
7856	466969	3451206	466937	3451190	-0.13	0.97	-0.12	0.30	-0.12	0.34	St Simons
7857	466989	3451160	466955	3451150	-0.13	1.10	-0.10	0.16	-0.17	0.48	St Simons
7858	467005	3451113	466962	3451111	-0.13	1.03	-0.09	0.11	-0.24	0.62	St Simons
7859	467011	3451063	466966	3451073	-0.16	0.82	-0.15	0.32	-0.27	0.73	St Simons
7860	466997	3451016	466948	3451030	-0.17	1.14	-0.17	0.31	-0.25	0.59	St Simons
7861	466975	3450971	466916	3450996	-0.13	1.24	-0.14	0.13	-0.32	0.59	St Simons
7862	466946	3450930	466860	3450975	-0.38	1.36	-0.31	0.24	-0.80	0.76	St Simons
7863	466917	3450889	466873	3450913	-0.22	0.64	-0.23	0.56	-0.35	0.84	St Simons
7864	466892	3450846	466852	3450874	-0.23	0.78	-0.24	0.60	-0.32	0.81	St Simons
7865	466864	3450804	466831	3450832	-0.12	0.72	-0.11	0.21	-0.26	0.71	St Simons
7866	466834	3450765	466771	3450817	-0.42	1.25	-0.35	0.43	-0.69	0.83	St Simons
7867	466797	3450732	466734	3450777	-0.50	0.63	-0.45	0.68	-0.76	0.89	St Simons
7868	466759	3450699	466707	3450732	-0.38	0.47	-0.39	0.90	-0.43	0.95	St Simons
7869	466721	3450667	466668	3450680	-0.33	0.50	-0.34	0.88	-0.37	0.93	St Simons
7870	466704	3450624	466658	3450629	-0.22	0.70	-0.25	0.64	-0.29	0.80	St Simons
7871	466724	3450578	466662	3450566	-0.31	0.93	-0.36	0.63	-0.43	0.82	St Simons
7872	466743	3450531	466666	3450504	-1.05	0.93	-1.02	0.88	-1.14	0.84	St Simons
7874	466783	3450440	466717	3450412	-0.38	0.70	-0.36	0.63	-0.35	0.90	St Simons
7875	466804	3450395	466741	3450384	-0.25	0.45	-0.24	0.64	-0.23	0.90	St Simons
7876	466813	3450351	466754	3450369	-0.51	1.19	-0.44	0.46	-0.24	0.42	St Simons
7877	466773	3450324	466710	3450354	-0.04	2.03	0.15	0.04	0.00	0.00	St Simons
7878	466734	3450295	466658	3450356	-0.11	3.31	0.21	0.03	-0.01	0.00	St Simons
7879	466691	3450268	466640	3450332	-0.14	2.75	0.14	0.02	0.03	0.00	St Simons
7880	466649	3450241	466632	3450264	-0.11	0.86	-0.01	0.00	0.02	0.02	St Simons
7881	466608	3450212	466588	3450236	-0.30	0.35	-0.26	0.85	-0.23	0.92	St Simons
7882	466563	3450190	466549	3450219	-0.32	0.40	-0.28	0.83	-0.24	0.88	St Simons
7883	466518	3450170	466506	3450201	-0.34	0.24	-0.31	0.95	-0.30	0.98	St Simons
7884	466473	3450149	466456	3450184	-0.42	0.07	-0.41	1.00	-0.42	1.00	St Simons
7885	466429	3450124	466402	3450165	-0.54	0.18	-0.52	0.99	-0.51	0.99	St Simons
7886	466388	3450096	466356	3450130	-0.52	0.15	-0.53	0.99	-0.51	1.00	St Simons
7887	466355	3450058	466321	3450081	-0.45	0.27	-0.45	0.93	-0.40	0.97	St Simons
7888	466340	3450011	466298	3450026	-0.49	0.27	-0.50	0.94	-0.45	0.98	St Simons
7889	466320	3449965	466287	3449968	-0.33	0.25	-0.34	0.90	-0.30	0.97	St Simons
7891	466324	3449877	466300	3449869	NA	NA	NA	0.00	NA	0.00	St Simons
7892	466347	3449832	466308	3449816	NA	NA	NA	0.00	NA	0.00	St Simons
7893	466370	3449788	466335	3449774	-0.11	0.00	-0.11	0.00	-0.11	0.00	St Simons
7894	466393	3449743	466363	3449734	0.08	0.00	0.08	0.00	0.08	0.00	St Simons
7895	466420	3449702	466374	3449692	0.22	0.32	0.25	0.75	0.10	0.27	St Simons
7896	466447	3449662	466372	3449658	0.42	0.64	0.45	0.76	0.21	0.34	St Simons
7897	466462	3449614	466370	3449620	0.58	0.65	0.58	0.73	0.27	0.44	St Simons
7898	466483	3449569	466368	3449586	0.72	0.69	0.71	0.78	0.40	0.61	St Simons
7899	466509	3449526	466366	3449559	0.76	0.73	0.74	0.78	0.44	0.67	St Simons
7900	466534	3449483	466356	3449534	0.81	0.66	0.81	0.82	0.49	0.70	St Simons
7901	466509	3449493	466361	3449544	0.79	0.69	0.79	0.80	0.47	0.68	St Simons
7902	466487	3449538	466368	3449584	0.78	0.75	0.76	0.79	0.46	0.67	St Simons
7903	466474	3449521	466365	3449555	0.77	0.74	0.75	0.78	0.44	0.65	St Simons
7904	466455	3449477	466347	3449516	0.77	0.55	0.79	0.85	0.47	0.73	St Simons
7905	466414	3449448	466332	3449477	0.54	0.59	0.56	0.80	0.31	0.64	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7906	466371	3449424	466321	3449444	0.32	0.32	0.32	0.80	0.19	0.68	St Simons
7907	466334	3449390	466307	3449402	0.14	0.18	0.14	0.94	0.15	0.95	St Simons
7908	466302	3449351	466285	3449360	0.00	0.20	-0.02	0.04	0.07	0.42	St Simons
7909	466286	3449304	466258	3449318	-0.09	0.30	-0.12	0.56	-0.02	0.03	St Simons
7910	466269	3449257	466234	3449277	-0.13	0.47	-0.18	0.59	-0.04	0.08	St Simons
7911	466252	3449210	466218	3449230	-0.09	0.44	-0.13	0.31	0.08	0.14	St Simons
7912	466227	3449167	466192	3449187	-0.15	0.40	-0.18	0.56	-0.02	0.01	St Simons
7913	466198	3449126	466168	3449145	-0.14	0.24	-0.16	0.67	-0.04	0.14	St Simons
7914	466172	3449084	466140	3449104	-0.15	0.36	-0.17	0.64	-0.04	0.09	St Simons
7915	466147	3449040	466112	3449061	-0.17	0.45	-0.20	0.65	-0.06	0.12	St Simons
7916	466123	3448996	466082	3449020	-0.18	0.67	-0.21	0.58	-0.05	0.06	St Simons
7917	466099	3448953	466059	3448972	-0.14	0.64	-0.17	0.44	0.00	0.00	St Simons
7918	466078	3448907	466033	3448926	-0.17	0.71	-0.19	0.49	-0.02	0.01	St Simons
7919	466057	3448862	466011	3448883	-0.19	0.75	-0.22	0.56	-0.05	0.06	St Simons
7920	466037	3448816	465994	3448837	-0.19	0.76	-0.22	0.58	-0.07	0.10	St Simons
7921	466017	3448770	465975	3448793	-0.21	0.69	-0.24	0.68	-0.11	0.27	St Simons
7922	465991	3448727	465951	3448754	-0.21	0.66	-0.25	0.66	-0.09	0.18	St Simons
7923	465960	3448689	465923	3448716	-0.16	0.63	-0.20	0.57	-0.04	0.05	St Simons
7924	465924	3448654	465892	3448678	-0.16	0.72	-0.20	0.59	-0.10	0.26	St Simons
7925	465898	3448611	465863	3448637	-0.17	0.78	-0.23	0.58	-0.10	0.21	St Simons
7926	465873	3448568	465833	3448593	-0.23	0.67	-0.28	0.73	-0.19	0.64	St Simons
7927	465851	3448524	465808	3448546	-0.24	0.67	-0.29	0.75	-0.19	0.61	St Simons
7928	465831	3448477	465784	3448497	-0.27	0.77	-0.32	0.75	-0.24	0.69	St Simons
7929	465812	3448431	465767	3448448	-0.27	0.71	-0.32	0.75	-0.30	0.81	St Simons
7930	465795	3448385	465748	3448401	-0.25	0.77	-0.30	0.67	-0.31	0.79	St Simons
7931	465780	3448337	465731	3448354	-0.15	0.94	-0.21	0.38	-0.25	0.61	St Simons
7932	465757	3448293	465714	3448310	-0.06	0.75	-0.11	0.18	-0.16	0.48	St Simons
7933	465724	3448255	465695	3448269	0.02	0.56	-0.02	0.02	0.00	0.00	St Simons
7934	465691	3448218	465675	3448227	0.05	0.28	0.03	0.20	0.06	0.51	St Simons
7935	465668	3448174	465645	3448190	0.06	0.49	0.07	0.30	0.11	0.58	St Simons
7936	465648	3448128	465617	3448154	0.16	0.71	0.20	0.59	0.22	0.76	St Simons
7937	465627	3448082	465585	3448123	0.35	0.74	0.38	0.84	0.40	0.91	St Simons
7938	465614	3448034	465557	3448097	0.55	0.50	0.54	0.97	0.57	0.97	St Simons
7939	465599	3447987	465528	3448070	0.73	0.55	0.70	0.95	0.67	0.97	St Simons
7940	465573	3447944	465489	3448039	0.87	0.81	0.84	0.87	0.65	0.88	St Simons
7941	465538	3447908	465450	3448010	0.93	0.96	0.91	0.81	0.60	0.75	St Simons
7942	465493	3447888	465420	3447982	0.77	1.30	0.74	0.71	0.46	0.61	St Simons
7943	465447	3447873	465396	3447954	0.41	0.84	0.46	0.62	0.10	0.06	St Simons
7944	465418	3447832	465369	3447932	0.10	1.54	0.09	0.01	-0.54	0.42	St Simons
7945	465384	3447796	465365	3447931	0.04	2.24	-0.01	0.00	-0.72	0.46	St Simons
7946	465384	3447769	465365	3447931	0.04	2.28	-0.01	0.00	-0.73	0.46	St Simons
7947	465421	3447736	465365	3447931	0.05	2.00	0.01	0.00	-0.66	0.45	St Simons
7948	465446	3447693	465365	3447931	0.05	1.89	0.02	0.00	-0.64	0.45	St Simons
7949	465463	3447646	465216	3447890	-2.45	0.75	-2.52	0.99	-2.30	0.99	St Simons
7950	465479	3447599	465190	3447821	-2.61	1.20	-2.73	0.96	-2.15	0.95	St Simons
7951	465489	3447550	465179	3447744	-2.60	1.59	-2.74	0.91	-1.86	0.85	St Simons
7952	465488	3447500	465005	3447738	-2.69	1.81	-2.79	0.87	-1.72	0.76	St Simons
7953	465486	3447450	465019	3447605	-3.57	0.00	-3.57	0.00	-3.57	0.00	St Simons
7954	465473	3447402	465006	3447485	NA	NA	NA	0.00	NA	0.00	St Simons
7955	465456	3447355	465041	3447353	-2.80	2.72	-2.96	0.78	-1.39	0.48	St Simons
7956	465439	3447308	465069	3447236	-2.57	4.01	-2.29	0.69	-1.75	0.67	St Simons
7957	465422	3447261	465077	3447201	-2.36	4.42	-2.11	0.58	-1.75	0.43	St Simons
7958	465400	3447217	465083	3447178	-2.15	2.44	-2.22	0.71	-1.75	0.53	St Simons
7959	465376	3447173	465088	3447143	-1.94	2.32	-2.00	0.69	-1.56	0.50	St Simons
7960	465350	3447130	465087	3447109	-1.77	2.14	-1.81	0.70	-1.42	0.51	St Simons
7961	465324	3447087	465088	3447068	-1.55	1.95	-1.57	0.68	-1.22	0.49	St Simons
7962	465298	3447044	465091	3447022	-1.30	1.69	-1.33	0.64	-1.01	0.43	St Simons
7963	465272	3447002	465097	3446975	-1.06	1.43	-1.09	0.62	-0.81	0.39	St Simons
7964	465245	3446960	465104	3446940	-0.82	1.18	-0.83	0.61	-0.62	0.39	St Simons
7965	465217	3446918	465111	3446907	-0.57	0.86	-0.59	0.58	-0.43	0.34	St Simons
7966	465185	3446880	465115	3446878	-0.33	0.54	-0.34	0.52	-0.23	0.27	St Simons
7967	465170	3446834	465108	3446840	-0.19	0.72	-0.18	0.49	-0.16	0.31	St Simons
7968	465170	3446785	465104	3446801	0.01	1.12	0.03	0.02	0.00	0.00	St Simons
7969	465181	3446736	465093	3446769	0.18	1.94	0.20	0.20	0.13	0.05	St Simons
7970	465197	3446689	465085	3446752	0.28	2.37	0.29	0.26	0.20	0.08	St Simons
7971	465190	3446639	465064	3446721	0.49	2.53	0.49	0.41	0.35	0.18	St Simons
7972	465165	3446597	465035	3446691	0.77	1.76	0.77	0.56	0.56	0.33	St Simons
7973	465153	3446550	465008	3446661	1.02	1.60	1.04	0.54	0.74	0.30	St Simons
7974	465152	3446500	464987	3446628	1.23	1.77	1.25	0.59	0.93	0.35	St Simons
7975	465144	3446451	464958	3446591	1.46	1.93	1.48	0.63	1.12	0.41	St Simons
7976	465131	3446403	464934	3446561	1.74	2.09	1.72	0.68	1.37	0.50	St Simons
7977	465133	3446353	464913	3446536	2.01	2.13	1.95	0.75	1.64	0.61	St Simons
7978	465152	3446307	464899	3446519	2.20	1.71	2.22	0.83	1.90	0.72	St Simons
7979	465167	3446259	464883	3446500	2.43	1.55	2.44	0.88	2.16	0.81	St Simons
7980	465176	3446210	464852	3446463	2.62	1.37	2.65	0.91	2.38	0.86	St Simons
7981	465179	3446160	464806	3446408	2.62	1.53	2.73	0.91	2.43	0.85	St Simons
7982	465166	3446112	464769	3446340	2.72	1.49	2.87	0.94	2.63	0.91	St Simons
7983	465145	3446067	464736	3446273	2.87	1.74	3.05	0.97	2.90	0.95	St Simons
7984	465125	3446021	464714	3446206	2.85	2.36	3.07	0.96	2.99	0.94	St Simons

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
7985	465103	3445976	464696	3446163	2.86	2.69	3.10	0.95	3.08	0.93	St Simons
7986	465087	3445929	464682	3446135	2.99	2.78	3.22	0.94	3.26	0.93	St Simons
7987	465076	3445880	464660	3446098	3.00	3.12	3.23	0.93	3.31	0.91	St Simons
7988	465070	3445831	464636	3446057	2.94	3.51	3.17	0.92	3.27	0.89	St Simons
7989	465069	3445781	464613	3446016	2.91	4.23	2.94	0.90	3.15	0.86	St Simons
7990	465060	3445733	464594	3445975	2.91	4.48	2.93	0.88	3.19	0.85	St Simons
7991	465017	3445707	464580	3445945	3.03	4.42	3.01	0.87	3.35	0.84	St Simons
7992	464978	3445677	464569	3445923	2.95	4.13	2.94	0.86	3.28	0.84	St Simons
7993	464932	3445657	464566	3445919	2.82	3.93	2.84	0.86	3.15	0.84	St Simons
7994	464883	3445661	464566	3445919	2.73	3.81	2.77	0.87	3.06	0.84	St Simons
7995	464833	3445660	464562	3445914	2.60	3.56	2.76	0.87	2.98	0.84	St Simons
7996	464788	3445649	464559	3445912	2.47	3.55	2.67	0.86	2.86	0.84	St Simons
7997	460022	3431985	459781	3432172	2.14	0.60	2.20	0.99	2.13	0.98	Jekyll
7998	460002	3431939	459763	3432151	2.25	0.66	2.32	0.99	2.26	0.99	Jekyll
7999	459982	3431893	459726	3432108	2.37	0.85	2.45	0.99	2.39	0.98	Jekyll
8000	459963	3431847	459695	3432073	2.45	0.95	2.54	0.99	2.50	0.98	Jekyll
8001	459942	3431802	459662	3432034	2.54	1.13	2.65	0.99	2.61	0.98	Jekyll
8002	459918	3431757	459634	3431999	2.60	1.39	2.73	0.98	2.70	0.98	Jekyll
8003	459893	3431714	459609	3431968	2.66	1.56	2.80	0.98	2.79	0.97	Jekyll
8004	459867	3431672	459585	3431940	2.72	1.73	2.88	0.97	2.88	0.97	Jekyll
8005	459840	3431630	459559	3431917	2.81	1.94	2.99	0.97	3.00	0.96	Jekyll
8006	459810	3431589	459535	3431895	2.90	2.14	3.09	0.96	3.10	0.96	Jekyll
8007	459780	3431550	459506	3431868	2.96	2.31	3.17	0.95	3.19	0.95	Jekyll
8008	459751	3431509	459472	3431840	3.04	2.51	3.27	0.95	3.29	0.95	Jekyll
8009	459720	3431470	459440	3431814	3.15	2.73	3.39	0.94	3.42	0.94	Jekyll
8010	459689	3431430	459408	3431789	3.22	2.81	3.47	0.94	3.51	0.94	Jekyll
8011	459657	3431392	459374	3431761	3.30	2.88	3.54	0.94	3.59	0.94	Jekyll
8012	459624	3431354	459341	3431737	3.36	2.95	3.60	0.94	3.67	0.94	Jekyll
8013	459589	3431318	459312	3431716	3.44	2.65	3.64	0.94	3.74	0.94	Jekyll
8014	459558	3431280	459282	3431695	3.50	2.48	3.67	0.95	3.80	0.94	Jekyll
8015	459522	3431245	459255	3431677	3.56	2.34	3.71	0.95	3.85	0.94	Jekyll
8016	459483	3431214	459232	3431664	3.61	2.32	3.74	0.95	3.89	0.94	Jekyll
8017	459444	3431182	459213	3431653	3.65	2.10	3.74	0.95	3.91	0.94	Jekyll
8018	459404	3431153	459192	3431642	3.68	1.77	3.72	0.96	3.91	0.95	Jekyll
8019	459361	3431128	459171	3431636	3.77	1.67	3.76	0.96	3.98	0.94	Jekyll
8020	459315	3431108	459146	3431628	3.82	1.73	3.76	0.96	3.99	0.94	Jekyll
8021	459269	3431087	459105	3431616	3.84	2.11	3.74	0.95	3.98	0.93	Jekyll
8022	459224	3431067	459063	3431605	3.83	2.29	3.69	0.95	3.93	0.92	Jekyll
8023	459178	3431047	459021	3431591	3.79	2.48	3.62	0.94	3.87	0.91	Jekyll
8024	459132	3431028	458985	3431578	3.70	2.72	3.49	0.93	3.77	0.89	Jekyll
8025	459086	3431009	458953	3431569	3.73	3.33	3.44	0.90	3.78	0.86	Jekyll
8026	459039	3430990	458938	3431564	3.71	3.98	3.35	0.86	3.73	0.82	Jekyll
8027	458991	3430977	458923	3431562	3.76	4.63	3.31	0.82	3.75	0.78	Jekyll
8028	458943	3430963	458914	3431561	3.81	5.12	3.30	0.79	3.76	0.76	Jekyll
8029	458897	3430943	458907	3431561	3.91	5.66	3.33	0.75	3.84	0.73	Jekyll
8030	458849	3430928	458898	3431562	4.00	6.41	3.32	0.71	3.89	0.71	Jekyll
8031	458800	3430918	458886	3431564	4.15	7.43	3.35	0.66	3.98	0.67	Jekyll
8032	458751	3430914	458870	3431566	4.33	7.72	3.50	0.65	4.17	0.68	Jekyll
8033	458702	3430924	458851	3431571	4.45	7.79	3.60	0.66	4.29	0.69	Jekyll
8034	458660	3430951	458831	3431576	4.38	7.39	3.58	0.69	4.21	0.71	Jekyll
8035	458630	3430990	458815	3431581	4.25	6.88	3.51	0.72	4.07	0.74	Jekyll
8036	458619	3431038	458812	3431582	4.05	6.32	3.37	0.74	3.85	0.76	Jekyll
8037	458619	3431088	458812	3431582	3.72	5.54	3.13	0.77	3.51	0.79	Jekyll
8038	458618	3431138	458804	3431585	3.43	4.75	2.93	0.81	3.20	0.83	Jekyll
8039	458615	3431188	458791	3431591	3.07	3.80	2.69	0.86	2.83	0.87	Jekyll
8040	458594	3431227	458765	3431603	2.90	3.18	2.59	0.89	2.89	0.96	Jekyll
8041	458600	3431276	458755	3431608	2.56	2.37	2.37	0.91	2.31	0.96	Jekyll
8042	458599	3431326	458741	3431614	2.25	1.51	2.18	0.91	1.77	0.92	Jekyll
8043	458596	3431376	458723	3431623	1.94	1.25	2.00	0.87	1.27	0.77	Jekyll
8044	458555	3431389	458691	3431641	1.51	2.46	1.77	0.72	0.60	0.25	Jekyll
8045	458506	3431388	458659	3431659	1.16	4.09	1.59	0.56	0.20	0.03	Jekyll
8046	458486	3431432	458628	3431677	0.85	4.57	1.26	0.46	0.12	0.01	Jekyll
8047	458497	3431480	458616	3431684	0.74	1.56	0.84	0.58	0.15	0.06	Jekyll
8048	458523	3431523	458617	3431683	0.75	1.59	0.85	0.58	0.16	0.06	Jekyll
8049	458537	3431570	458608	3431689	0.67	1.55	0.74	0.55	0.13	0.05	Jekyll
8050	458521	3431617	458583	3431703	0.42	1.72	0.47	0.42	0.05	0.01	Jekyll
8051	458504	3431664	458558	3431718	0.22	1.38	0.22	0.22	-0.04	0.01	Jekyll
8052	458486	3431711	458527	3431740	0.02	0.98	0.01	0.00	-0.17	0.33	Jekyll
8053	458469	3431758	458515	3431779	-0.16	0.62	-0.18	0.39	-0.31	0.76	Jekyll
8054	458449	3431803	458507	3431817	-0.36	0.43	-0.39	0.86	-0.46	0.94	Jekyll
8055	458426	3431847	458501	3431856	-0.48	0.38	-0.51	0.95	-0.53	0.98	Jekyll
8056	458410	3431895	458497	3431899	-0.57	0.40	-0.60	0.97	-0.56	0.98	Jekyll
8057	458399	3431943	458495	3431946	-0.62	0.45	-0.67	0.95	-0.54	0.95	Jekyll
8058	458400	3431993	458500	3431990	-0.59	0.57	-0.66	0.89	-0.41	0.78	Jekyll
8059	458404	3432043	458504	3432035	-0.55	0.71	-0.63	0.80	-0.30	0.49	Jekyll
8060	458420	3432090	458505	3432082	-0.42	0.72	-0.46	0.63	-0.10	0.08	Jekyll
8061	458443	3432134	458518	3432129	-0.25	1.28	-0.21	0.19	0.07	0.04	Jekyll
8062	458471	3432176	458525	3432170	-0.08	1.10	-0.04	0.01	0.16	0.24	Jekyll
8063	458493	3432221	458528	3432217	0.02	0.50	0.04	0.05	0.13	0.48	Jekyll

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8064	458491	3432256	458527	3432251	-0.10	0.22	-0.10	0.82	-0.08	0.78	Jekyll
8065	458450	3432255	458527	3432235	-0.42	0.55	-0.42	0.67	-0.17	0.32	Jekyll
8066	458438	3432301	458544	3432282	-0.91	0.47	-0.96	0.95	-0.98	0.94	Jekyll
8067	458456	3432347	458582	3432333	-0.46	1.68	-0.46	0.35	-0.02	0.00	Jekyll
8068	458453	3432397	458588	3432378	-0.50	2.08	-0.47	0.29	-0.01	0.00	Jekyll
8069	458475	3432440	458554	3432437	-0.41	0.94	-0.38	0.55	-0.18	0.31	Jekyll
8070	458473	3432490	458559	3432493	-0.09	1.70	-0.13	0.05	0.29	0.30	Jekyll
8071	458478	3432539	458554	3432532	-0.22	0.91	-0.22	0.22	0.10	0.08	Jekyll
8072	458482	3432589	458559	3432588	-0.21	1.28	-0.22	0.22	0.08	0.05	Jekyll
8073	458477	3432638	458573	3432644	-0.28	1.99	-0.22	0.13	-0.01	0.00	Jekyll
8074	458478	3432687	458573	3432688	-0.21	2.17	-0.10	0.03	0.06	0.02	Jekyll
8075	458469	3432735	458549	3432744	-0.24	1.34	-0.19	0.15	0.00	0.00	Jekyll
8076	458478	3432782	458555	3432790	-0.15	1.72	-0.07	0.02	0.02	0.00	Jekyll
8077	458470	3432831	458557	3432826	-0.35	0.89	-0.34	0.36	-0.01	0.00	Jekyll
8078	458472	3432880	458554	3432877	-0.33	1.79	-0.24	0.15	0.03	0.00	Jekyll
8079	458471	3432930	458572	3432924	-0.28	1.20	-0.25	0.14	0.21	0.15	Jekyll
8080	458489	3432975	458586	3432960	-0.49	1.25	-0.47	0.54	-0.19	0.24	Jekyll
8081	458496	3433025	458584	3433012	-0.28	2.11	-0.20	0.12	-0.08	0.04	Jekyll
8082	458505	3433074	458605	3433059	-0.50	1.14	-0.48	0.55	-0.20	0.26	Jekyll
8083	458523	3433120	458615	3433092	-0.60	0.63	-0.62	0.73	-0.27	0.40	Jekyll
8084	458548	3433164	458625	3433125	-0.34	0.79	-0.35	0.36	0.06	0.02	Jekyll
8085	458576	3433205	458636	3433164	-0.35	0.61	-0.36	0.56	-0.08	0.08	Jekyll
8086	458608	3433244	458661	3433184	-0.51	0.63	-0.47	0.85	-0.40	0.89	Jekyll
8087	458646	3433275	458692	3433221	-0.41	0.68	-0.37	0.64	-0.23	0.55	Jekyll
8088	458691	3433294	458741	3433229	-0.16	1.42	-0.12	0.06	0.11	0.08	Jekyll
8089	458704	3433337	458785	3433237	-0.38	2.36	-0.32	0.15	0.07	0.01	Jekyll
8090	458749	3433355	458798	3433300	-0.27	1.04	-0.26	0.35	-0.04	0.02	Jekyll
8091	458799	3433357	458832	3433325	-0.19	0.63	-0.15	0.36	-0.09	0.28	Jekyll
8092	458795	3433401	458846	3433338	-0.50	0.70	-0.48	0.66	-0.23	0.41	Jekyll
8093	458837	3433425	458881	3433364	-0.36	0.81	-0.36	0.53	-0.12	0.16	Jekyll
8094	458878	3433454	458913	3433401	-0.39	0.40	-0.39	0.77	-0.22	0.60	Jekyll
8095	458917	3433485	458954	3433428	-0.42	0.37	-0.41	0.85	-0.27	0.75	Jekyll
8096	458962	3433508	458991	3433464	-0.31	0.20	-0.33	0.95	-0.25	0.92	Jekyll
8097	459002	3433538	459036	3433490	-0.33	0.86	-0.37	0.80	-0.26	0.65	Jekyll
8098	459042	3433567	459079	3433523	-0.35	0.30	-0.35	0.89	-0.24	0.81	Jekyll
8099	459080	3433599	459120	3433556	-0.36	0.45	-0.39	0.90	-0.27	0.80	Jekyll
8100	459115	3433635	459156	3433589	-0.38	0.32	-0.37	0.96	-0.35	0.97	Jekyll
8101	459153	3433667	459194	3433624	-0.36	0.41	-0.33	0.88	-0.33	0.95	Jekyll
8102	459191	3433699	459231	3433660	-0.34	0.28	-0.33	0.95	-0.30	0.96	Jekyll
8103	459239	3433712	459260	3433687	-0.15	0.18	-0.14	0.83	-0.20	0.94	Jekyll
8104	459261	3433757	459294	3433721	-0.28	0.25	-0.27	0.93	-0.24	0.95	Jekyll
8105	459292	3433796	459336	3433750	-0.39	0.17	-0.38	0.99	-0.40	0.99	Jekyll
8106	459325	3433833	459377	3433782	-0.46	0.43	-0.44	0.94	-0.42	0.97	Jekyll
8107	459357	3433872	459404	3433820	-0.44	0.26	-0.43	0.94	-0.36	0.95	Jekyll
8108	459388	3433911	459440	3433862	-0.45	0.25	-0.44	0.94	-0.36	0.94	Jekyll
8109	459420	3433949	459473	3433889	-0.51	0.46	-0.49	0.92	-0.44	0.94	Jekyll
8110	459452	3433988	459504	3433912	-0.60	0.39	-0.61	0.96	-0.67	0.98	Jekyll
8111	459482	3434028	459529	3433936	-0.67	0.93	-0.73	0.89	-0.78	0.95	Jekyll
8112	459508	3434070	459652	3433891	-0.47	0.47	-0.47	0.90	-0.58	0.96	Jekyll
8113	459533	3434114	459734	3433973	-0.28	6.57	-0.84	0.20	-0.20	0.03	Jekyll
8114	459555	3434159	459747	3434109	-0.19	5.38	-0.66	0.18	-0.13	0.02	Jekyll
8115	459573	3434205	459731	3434220	-1.38	3.21	-1.04	0.46	-0.83	0.29	Jekyll
8116	459589	3434253	459691	3434287	-0.58	1.80	-0.68	0.67	-0.79	0.84	Jekyll
8117	459604	3434300	459666	3434319	-0.35	0.71	-0.40	0.80	-0.43	0.92	Jekyll
8118	459617	3434348	459666	3434357	-0.29	0.25	-0.28	0.94	-0.33	0.97	Jekyll
8119	459629	3434397	459673	3434398	-0.26	0.54	-0.22	0.74	-0.27	0.91	Jekyll
8120	459640	3434446	459693	3434440	-0.28	0.09	-0.28	0.99	-0.30	0.99	Jekyll
8121	459650	3434495	459692	3434489	-0.23	0.12	-0.22	0.96	-0.21	0.98	Jekyll
8122	459659	3434544	459699	3434538	-0.22	0.17	-0.22	0.94	-0.18	0.91	Jekyll
8123	459668	3434593	459709	3434586	-0.23	0.19	-0.23	0.95	-0.19	0.93	Jekyll
8124	459676	3434642	459719	3434635	-0.23	0.08	-0.24	0.98	-0.21	0.98	Jekyll
8125	459684	3434692	459728	3434686	-0.25	0.11	-0.25	0.99	-0.24	0.99	Jekyll
8126	459690	3434741	459732	3434737	-0.23	0.20	-0.24	0.95	-0.19	0.91	Jekyll
8127	459697	3434791	459740	3434788	-0.24	0.32	-0.25	0.88	-0.17	0.78	Jekyll
8128	459704	3434841	459744	3434837	-0.22	0.18	-0.23	0.97	-0.20	0.96	Jekyll
8129	459711	3434890	459747	3434887	-0.18	0.36	-0.21	0.85	-0.14	0.71	Jekyll
8130	459715	3434940	459752	3434937	-0.16	0.53	-0.20	0.71	-0.11	0.43	Jekyll
8131	459719	3434990	459754	3434987	-0.17	0.52	-0.20	0.77	-0.14	0.62	Jekyll
8132	459722	3435040	459758	3435040	-0.19	0.40	-0.19	0.86	-0.18	0.86	Jekyll
8133	459723	3435090	459759	3435089	-0.16	0.54	-0.18	0.69	-0.18	0.76	Jekyll
8134	459727	3435139	459763	3435140	-0.21	0.29	-0.20	0.87	-0.25	0.95	Jekyll
8135	459724	3435189	459759	3435190	-0.19	0.29	-0.19	0.91	-0.21	0.95	Jekyll
8136	459722	3435239	459754	3435241	-0.17	0.27	-0.16	0.89	-0.14	0.87	Jekyll
8137	459724	3435289	459755	3435288	-0.15	0.28	-0.13	0.82	-0.14	0.91	Jekyll
8138	459723	3435339	459754	3435340	-0.12	0.17	-0.10	0.77	-0.09	0.84	Jekyll
8139	459717	3435389	459752	3435390	-0.16	0.25	-0.14	0.75	-0.13	0.84	Jekyll
8140	459712	3435438	459751	3435440	-0.16	0.17	-0.15	0.86	-0.13	0.91	Jekyll
8141	459705	3435488	459749	3435491	-0.17	0.30	-0.17	0.79	-0.10	0.63	Jekyll
8142	459695	3435537	459747	3435543	-0.19	0.19	-0.20	0.78	-0.11	0.57	Jekyll

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8143	459686	3435586	459741	3435594	-0.22	0.33	-0.24	0.74	-0.09	0.30	Jekyll
8144	459679	3435635	459731	3435644	-0.25	0.23	-0.25	0.81	-0.16	0.72	Jekyll
8145	459675	3435685	459722	3435693	-0.21	0.39	-0.19	0.59	-0.12	0.51	Jekyll
8146	459671	3435735	459714	3435742	-0.08	0.19	-0.09	0.39	0.01	0.02	Jekyll
8147	459667	3435785	459711	3435791	-0.25	0.61	-0.21	0.63	-0.24	0.86	Jekyll
8148	459661	3435835	459703	3435841	-0.03	0.52	-0.03	0.02	0.12	0.33	Jekyll
8149	459659	3435884	459695	3435890	-0.09	0.25	-0.08	0.51	-0.04	0.26	Jekyll
8150	459644	3435930	459688	3435938	0.07	0.44	0.03	0.03	0.16	0.63	Jekyll
8151	459638	3435977	459679	3435985	0.03	0.36	0.01	0.01	0.14	0.53	Jekyll
8152	459625	3436025	459666	3436034	-0.02	0.39	-0.01	0.01	0.00	0.00	Jekyll
8153	459616	3436074	459656	3436083	-0.04	0.42	-0.04	0.15	-0.01	0.02	Jekyll
8154	459599	3436121	459646	3436131	-0.11	0.46	-0.10	0.46	-0.04	0.13	Jekyll
8155	459596	3436171	459636	3436179	-0.06	0.49	-0.06	0.24	-0.01	0.02	Jekyll
8156	459580	3436218	459626	3436227	-0.13	0.42	-0.13	0.58	-0.05	0.14	Jekyll
8157	459564	3436265	459616	3436275	-0.18	0.41	-0.19	0.67	-0.07	0.23	Jekyll
8158	459555	3436314	459607	3436326	-0.18	0.68	-0.21	0.68	-0.12	0.39	Jekyll
8159	459546	3436364	459597	3436375	-0.19	0.40	-0.21	0.83	-0.17	0.80	Jekyll
8160	459534	3436411	459586	3436425	-0.19	0.41	-0.19	0.85	-0.16	0.82	Jekyll
8161	459502	3436439	459575	3436461	0.12	0.62	0.06	0.05	0.34	0.64	Jekyll
8162	459474	3436455	459565	3436490	-0.17	0.66	-0.17	0.58	-0.08	0.24	Jekyll
8163	459511	3436481	459561	3436500	-0.27	0.82	-0.25	0.71	-0.24	0.76	Jekyll
8164	459489	3436525	459539	3436547	-0.33	0.52	-0.33	0.90	-0.28	0.87	Jekyll
8165	459480	3436574	459519	3436589	-0.12	0.45	-0.15	0.41	0.04	0.04	Jekyll
8166	459453	3436616	459514	3436636	-0.33	0.39	-0.32	0.83	-0.22	0.74	Jekyll
8167	459430	3436660	459495	3436676	-0.16	0.26	-0.16	0.90	-0.14	0.92	Jekyll
8168	459414	3436707	459487	3436725	0.02	0.47	0.02	0.02	-0.10	0.32	Jekyll
8169	459408	3436757	459482	3436776	0.08	0.58	0.11	0.16	-0.14	0.24	Jekyll
8170	459399	3436806	459469	3436833	0.11	0.65	0.18	0.28	-0.13	0.18	Jekyll
8171	459376	3436850	459437	3436890	0.04	0.60	0.16	0.31	-0.11	0.15	Jekyll
8172	459343	3436887	459394	3436941	-0.11	0.75	-0.01	0.00	-0.21	0.44	Jekyll
8173	459302	3436915	459346	3436974	-0.23	1.07	-0.07	0.08	-0.31	0.56	Jekyll
8174	459258	3436940	459304	3437002	-0.30	0.91	-0.16	0.40	-0.35	0.73	Jekyll
8175	459215	3436965	459253	3437014	0.19	0.57	0.21	0.81	0.22	0.87	Jekyll
8176	459175	3436994	459229	3437040	0.27	1.00	0.30	0.75	0.31	0.79	Jekyll
8177	459151	3437038	459202	3437071	0.12	0.32	0.17	0.86	0.12	0.85	Jekyll
8178	459134	3437085	459191	3437110	-0.18	0.80	-0.09	0.20	-0.17	0.66	Jekyll
8179	459122	3437133	459169	3437150	-0.10	0.59	-0.08	0.30	0.00	0.00	Jekyll
8180	459114	3437183	459154	3437194	-0.06	0.33	-0.08	0.26	0.04	0.08	Jekyll
8181	459098	3437230	459144	3437240	-0.06	0.33	-0.07	0.27	0.01	0.01	Jekyll
8182	459081	3437277	459135	3437283	-0.14	0.32	-0.13	0.73	-0.14	0.86	Jekyll
8183	459076	3437326	459132	3437331	-0.06	0.57	-0.09	0.31	-0.05	0.21	Jekyll
8184	459086	3437375	459126	3437375	-0.03	0.63	-0.05	0.11	-0.04	0.14	Jekyll
8185	459080	3437425	459128	3437420	-0.03	0.58	-0.01	0.01	-0.06	0.38	Jekyll
8186	459078	3437475	459128	3437469	0.03	0.22	0.03	0.39	0.01	0.02	Jekyll
8187	459078	3437525	459137	3437516	0.12	0.29	0.11	0.82	0.09	0.76	Jekyll
8188	459080	3437575	459145	3437565	0.20	0.31	0.20	0.79	0.13	0.67	Jekyll
8189	459080	3437625	459154	3437614	0.29	0.44	0.31	0.85	0.20	0.75	Jekyll
8190	459077	3437675	459161	3437663	0.39	0.40	0.43	0.95	0.34	0.94	Jekyll
8191	459072	3437724	459167	3437713	0.49	0.70	0.56	0.91	0.43	0.88	Jekyll
8192	459054	3437771	459173	3437759	0.69	0.56	0.78	0.94	0.56	0.87	Jekyll
8193	459037	3437818	459176	3437809	0.85	0.54	0.96	0.95	0.73	0.89	Jekyll
8194	459017	3437864	459179	3437857	1.03	0.86	1.16	0.88	0.75	0.75	Jekyll
8195	458997	3437909	459185	3437903	1.15	1.05	1.31	0.88	0.83	0.74	Jekyll
8196	458971	3437952	459184	3437943	1.31	0.90	1.50	0.92	1.02	0.82	Jekyll
8197	458950	3437997	459189	3438009	1.49	1.91	1.71	0.92	1.21	0.81	Jekyll
8198	458936	3438045	459193	3438066	1.55	3.38	1.83	0.87	1.34	0.76	Jekyll
8199	458926	3438094	459268	3438123	2.12	3.70	2.47	0.90	1.76	0.78	Jekyll
8200	458917	3438143	459161	3438183	1.41	4.03	1.74	0.84	1.28	0.71	Jekyll
8201	458904	3438191	459153	3438255	1.48	3.56	1.83	0.86	1.26	0.71	Jekyll
8202	458897	3438241	459142	3438300	1.41	3.26	1.75	0.85	1.15	0.68	Jekyll
8203	458885	3438289	459118	3438361	1.09	2.43	1.54	0.74	0.69	0.37	Jekyll
8204	458876	3438338	459098	3438429	1.26	1.88	1.55	0.75	0.66	0.35	Jekyll
8205	458870	3438388	459068	3438499	1.14	1.78	1.45	0.73	0.59	0.30	Jekyll
8206	458860	3438437	459039	3438564	1.06	1.82	1.36	0.71	0.51	0.26	Jekyll
8207	458855	3438486	459008	3438614	0.95	1.63	1.21	0.71	0.45	0.25	Jekyll
8208	458848	3438536	458978	3438637	0.72	1.32	0.95	0.66	0.30	0.16	Jekyll
8209	458834	3438583	458969	3438718	1.07	1.52	1.32	0.92	1.21	0.86	Jekyll
8210	458821	3438628	458932	3438734	0.49	1.74	0.75	0.58	0.23	0.15	Jekyll
8211	458806	3438672	458896	3438750	0.53	1.06	0.67	0.74	0.36	0.50	Jekyll
8212	458792	3438720	458850	3438774	0.33	0.70	0.41	0.69	0.18	0.33	Jekyll
8213	458770	3438764	458816	3438810	0.16	0.66	0.22	0.38	-0.03	0.02	Jekyll
8214	458751	3438811	458786	3438837	0.05	0.45	0.09	0.18	-0.07	0.13	Jekyll
8215	458731	3438856	458759	3438874	-0.09	0.41	-0.05	0.16	-0.14	0.65	Jekyll
8216	458713	3438903	458736	3438915	-0.07	0.32	-0.08	0.57	-0.12	0.82	Jekyll
8217	458687	3438946	458719	3438959	-0.11	0.40	-0.13	0.74	-0.18	0.89	Jekyll
8218	458664	3438990	458704	3439003	-0.15	0.52	-0.17	0.82	-0.21	0.93	Jekyll
8219	458644	3439036	458686	3439052	-0.21	0.40	-0.22	0.87	-0.21	0.91	Jekyll
8220	458633	3439083	458676	3439105	-0.22	0.24	-0.20	0.92	-0.24	0.96	Jekyll
8221	458616	3439128	458645	3439145	-0.32	0.61	-0.26	0.65	-0.21	0.73	Jekyll

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8222	458587	3439168	458612	3439185	-0.03	0.67	-0.04	0.10	-0.06	0.28	Jekyll
8223	458555	3439207	458576	3439225	-0.12	0.43	-0.09	0.64	-0.09	0.81	Jekyll
8224	458521	3439244	458547	3439265	-0.11	0.25	-0.07	0.57	-0.12	0.84	Jekyll
8225	458486	3439279	458514	3439304	-0.09	0.23	-0.05	0.24	-0.14	0.71	Jekyll
8226	458451	3439315	458481	3439342	-0.08	0.15	-0.05	0.22	-0.13	0.68	Jekyll
8227	458417	3439352	458446	3439379	0.04	0.75	0.02	0.01	-0.10	0.31	Jekyll
8228	458383	3439388	458409	3439413	-0.08	0.58	-0.10	0.39	-0.19	0.73	Jekyll
8229	458346	3439422	458373	3439452	-0.09	0.59	-0.11	0.44	-0.20	0.75	Jekyll
8230	458306	3439452	458335	3439490	-0.12	0.69	-0.14	0.50	-0.24	0.78	Jekyll
8231	458264	3439479	458290	3439518	-0.11	0.64	-0.14	0.51	-0.21	0.77	Jekyll
8232	458220	3439503	458245	3439543	-0.07	0.68	-0.10	0.38	-0.13	0.60	Jekyll
8233	458173	3439521	458200	3439558	0.00	0.85	-0.04	0.07	-0.08	0.28	Jekyll
8234	458128	3439541	458164	3439580	0.10	0.70	0.11	0.35	0.01	0.01	Jekyll
8235	458095	3439578	458143	3439605	0.16	0.57	0.20	0.65	0.07	0.13	Jekyll
8236	458073	3439623	458127	3439631	0.24	0.73	0.25	0.77	0.16	0.55	Jekyll
8237	458046	3439664	458139	3439656	0.35	1.65	0.28	0.28	0.45	0.61	Jekyll
8238	458023	3439708	458141	3439675	0.58	1.45	0.52	0.54	0.81	0.80	Jekyll
8239	458012	3439750	458143	3439687	0.75	1.53	0.68	0.62	1.04	0.83	Jekyll
8240	458035	3439793	458154	3439722	0.70	1.95	0.75	0.64	0.92	0.82	Jekyll
8241	458031	3439843	458178	3439762	0.69	2.52	0.88	0.65	0.90	0.81	Jekyll
8242	458040	3439891	458214	3439779	0.85	3.30	1.12	0.65	1.02	0.76	Jekyll
8243	458069	3439932	458237	3439802	0.89	3.15	1.19	0.70	0.99	0.77	Jekyll
8244	458096	3439974	458249	3439849	0.62	3.57	0.74	0.44	0.46	0.40	Jekyll
8245	458136	3440002	458291	3439871	0.01	4.06	0.37	0.12	0.17	0.06	Jekyll
8246	458185	3440008	458302	3439893	0.08	3.52	0.41	0.21	0.18	0.08	Jekyll
8247	458235	3440012	458332	3439923	0.29	2.69	0.53	0.45	0.32	0.30	Jekyll
8248	458282	3440002	458359	3439948	0.28	2.17	0.44	0.57	0.28	0.34	Jekyll
8249	458316	3440036	458393	3439986	0.18	2.22	0.40	0.44	0.16	0.13	Jekyll
8250	458356	3440062	458414	3440021	0.13	1.47	0.25	0.42	0.13	0.20	Jekyll
8251	458362	3440111	458428	3440065	0.08	1.62	0.28	0.38	0.07	0.04	Jekyll
8252	458400	3440139	458462	3440087	-0.04	1.73	0.11	0.09	-0.01	0.00	Jekyll
8253	458436	3440174	458494	3440117	-0.15	1.54	0.00	0.00	-0.10	0.13	Jekyll
8254	458471	3440210	458523	3440149	-0.19	1.60	-0.02	0.00	-0.21	0.32	Jekyll
8255	458508	3440244	458564	3440171	-0.33	2.06	-0.16	0.09	-0.35	0.44	Jekyll
8256	458543	3440278	458607	3440209	-0.51	3.18	-0.18	0.09	-0.45	0.44	Jekyll
8257	458577	3440285	458639	3440220	-0.29	1.94	-0.12	0.07	-0.28	0.37	Jekyll
8258	458615	3440312	458678	3440243	-0.42	1.88	-0.28	0.26	-0.28	0.42	Jekyll
8259	458645	3440351	458696	3440301	-0.37	1.37	-0.21	0.39	-0.35	0.70	Jekyll
8260	458683	3440383	458739	3440333	-0.41	1.09	-0.20	0.25	-0.57	0.69	Jekyll
8261	458708	3440424	458761	3440355	-0.38	0.96	-0.23	0.39	-0.52	0.74	Jekyll
8262	458746	3440456	458812	3440390	-0.44	1.32	-0.28	0.41	-0.58	0.74	Jekyll
8263	458789	3440481	458858	3440413	-0.52	1.51	-0.33	0.39	-0.74	0.73	Jekyll
8264	458830	3440510	458894	3440445	-0.53	1.14	-0.36	0.49	-0.76	0.79	Jekyll
8265	458851	3440555	458915	3440495	-0.50	0.95	-0.38	0.67	-0.61	0.87	Jekyll
8266	458872	3440600	458950	3440531	-0.62	1.09	-0.55	0.80	-0.65	0.92	Jekyll
8267	458906	3440635	458969	3440551	-0.62	0.92	-0.58	0.87	-0.64	0.95	Jekyll
8268	458940	3440672	458996	3440568	-0.69	1.30	-0.60	0.78	-0.76	0.91	Jekyll
8269	458973	3440709	459076	3440573	-0.36	1.14	-0.54	0.82	-0.57	0.84	Jekyll
8270	459010	3440743	459135	3440617	-0.93	2.28	-0.84	0.76	-1.27	0.87	Jekyll
8271	459047	3440777	459177	3440673	-1.05	2.14	-0.91	0.79	-1.22	0.87	Jekyll
8272	459086	3440808	459209	3440719	-0.41	4.15	-0.43	0.27	-1.01	0.65	Jekyll
8273	459125	3440840	459220	3440794	-0.08	3.23	-0.16	0.09	-0.49	0.58	Jekyll
8274	459162	3440873	459262	3440811	0.01	3.49	-0.04	0.00	-0.21	0.13	Jekyll
8275	459199	3440906	459292	3440842	-0.15	2.70	0.02	0.00	-0.01	0.00	Jekyll
8276	459241	3440933	459310	3440872	-0.15	2.60	0.00	0.00	-0.10	0.04	Jekyll
8277	459284	3440958	459338	3440911	-0.19	1.66	-0.09	0.04	-0.09	0.07	Jekyll
8278	459314	3440996	459364	3440945	-0.26	2.02	-0.13	0.07	-0.29	0.35	Jekyll
8279	459359	3441018	459396	3440973	-0.28	1.61	-0.18	0.19	-0.30	0.48	Jekyll
8280	459393	3441054	459437	3440994	-0.31	2.08	-0.16	0.10	-0.37	0.44	Jekyll
8281	459423	3441092	459475	3441025	-0.47	2.68	-0.28	0.18	-0.62	0.54	Jekyll
8282	459451	3441133	459524	3441058	-0.53	2.87	-0.40	0.30	-0.51	0.47	Jekyll
8283	459490	3441164	459581	3441088	-0.48	3.57	-0.32	0.14	-0.43	0.29	Jekyll
8284	459524	3441200	459608	3441136	-0.53	3.38	-0.36	0.21	-0.58	0.44	Jekyll
8285	459550	3441241	459626	3441194	-0.53	2.73	-0.34	0.24	-0.63	0.56	Jekyll
8286	459549	3441290	459651	3441238	-0.18	1.90	-0.27	0.16	-0.22	0.07	Jekyll
8287	459574	3441333	459668	3441281	-0.97	0.00	-0.97	0.00	-0.97	0.00	Jekyll
8288	459606	3441370	459687	3441327	-0.54	1.20	-0.49	0.81	-0.59	0.86	Jekyll
8289	459641	3441405	459717	3441363	-0.48	1.57	-0.41	0.64	-0.58	0.76	Jekyll
8290	459649	3441448	459728	3441390	-0.59	1.57	-0.51	0.71	-0.70	0.82	Jekyll
8291	459674	3441490	459740	3441431	-0.43	1.78	-0.31	0.30	-0.33	0.47	Jekyll
8292	459661	3441538	459763	3441444	-0.86	2.53	-0.70	0.54	-0.77	0.71	Jekyll
8293	459669	3441587	459798	3441461	-1.13	2.44	-1.01	0.78	-1.08	0.84	Jekyll
8294	459691	3441632	459833	3441518	-1.15	1.06	-1.17	0.92	-0.91	0.90	Jekyll
8295	459713	3441676	459879	3441605	-1.14	0.50	-1.18	0.99	-1.05	0.99	Jekyll
8296	459703	3441725	459912	3441695	-1.34	0.56	-1.37	0.99	-1.39	1.00	Jekyll
8297	459690	3441773	459916	3441771	-1.46	0.36	-1.48	1.00	-1.42	1.00	Jekyll
8298	459705	3441820	459911	3441831	-1.81	0.18	-1.79	1.00	-1.80	1.00	Jekyll
8299	459703	3441870	459894	3441876	-1.20	0.95	-1.16	0.88	-1.31	0.98	Jekyll
8300	459691	3441918	459894	3441885	-1.31	0.95	-1.24	0.95	-1.21	0.97	Jekyll

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8301	459691	3441968	459895	3441888	-1.40	0.43	-1.37	0.99	-1.42	1.00	Jekyll
8302	459724	3442002	459896	3441890	-1.31	0.87	-1.26	0.97	-1.45	0.97	Jekyll
8303	459755	3442040	459913	3441902	-1.33	1.30	-1.23	0.91	-1.64	0.93	Jekyll
8304	459777	3442085	459943	3441931	-1.46	1.53	-1.30	0.87	-1.82	0.93	Jekyll
8305	459799	3442130	459993	3441969	-1.02	0.87	-0.98	0.98	-0.92	0.94	Jekyll
8306	459820	3442175	460024	3442033	-1.60	1.86	-1.43	0.85	-2.09	0.91	Jekyll
8307	459845	3442219	460069	3442108	-1.62	1.97	-1.44	0.83	-2.16	0.90	Jekyll
8308	459860	3442266	460090	3442187	-1.56	1.22	-1.44	0.89	-2.01	0.93	Jekyll
8309	459865	3442316	460115	3442237	-1.70	1.23	-1.57	0.95	-1.94	0.97	Jekyll
8310	459881	3442363	460139	3442322	-1.69	1.01	-1.59	0.96	-1.92	0.97	Jekyll
8311	459899	3442409	460160	3442408	-1.69	0.48	-1.63	0.99	-1.82	0.99	Jekyll
8312	459934	3442440	460163	3442456	-1.45	0.38	-1.42	0.99	-1.58	0.99	Jekyll
8313	459972	3442471	460159	3442493	-1.19	0.15	-1.18	0.99	-1.27	1.00	Jekyll
8314	459969	3442520	460131	3442541	-1.02	0.99	-1.11	0.94	-0.83	0.89	Jekyll
8315	459992	3442561	460129	3442550	-0.46	0.78	-0.44	0.63	-0.30	0.72	Jekyll
8316	460002	3442606	460132	3442566	-0.83	0.82	-0.90	0.91	-0.59	0.78	Jekyll
8317	460020	3442653	460146	3442585	-0.89	0.60	-0.94	0.90	-0.61	0.78	Jekyll
8318	460032	3442701	460157	3442599	-1.02	0.77	-1.08	0.90	-0.69	0.77	Jekyll
8319	460058	3442744	460171	3442615	-1.09	1.24	-1.17	0.91	-0.78	0.77	Jekyll
8320	460089	3442783	460217	3442627	-0.52	0.52	-0.54	0.87	-0.55	0.97	Jekyll
8321	460099	3442831	460250	3442637	-1.58	1.22	-1.60	0.98	-1.43	0.97	Jekyll
8322	460119	3442877	460272	3442664	-1.69	0.84	-1.76	0.98	-1.57	0.98	Jekyll
8323	460134	3442925	460300	3442697	-1.60	1.35	-1.76	0.93	-1.84	0.92	Jekyll
8324	460154	3442970	460339	3442734	-1.59	1.88	-1.64	0.94	-1.58	0.87	Jekyll
8325	460176	3443014	460362	3442750	-1.67	2.00	-1.75	0.93	-1.67	0.85	Jekyll
8326	460210	3443050	460397	3442773	-1.65	2.09	-1.76	0.90	-1.63	0.79	Jekyll
8327	460248	3443083	460438	3442801	-1.67	1.68	-1.78	0.90	-1.63	0.80	Jekyll
8328	460283	3443119	460479	3442828	-1.75	1.77	-1.87	0.89	-1.70	0.79	Jekyll
8329	460317	3443155	460519	3442856	-1.88	1.83	-2.00	0.90	-1.83	0.81	Jekyll
8330	460353	3443191	460560	3442883	-2.00	2.07	-2.12	0.92	-1.96	0.83	Jekyll
8331	460396	3443216	460601	3442911	-2.06	2.27	-2.16	0.94	-2.05	0.86	Jekyll
8332	460440	3443238	460651	3442944	-2.10	2.18	-2.18	0.95	-2.10	0.88	Jekyll
8333	460485	3443261	460692	3442972	-2.12	2.34	-2.19	0.95	-2.11	0.88	Jekyll
8334	460531	3443280	460724	3442994	-2.10	2.63	-2.19	0.93	-2.10	0.85	Jekyll
8335	460579	3443294	460747	3443012	-2.14	2.83	-2.26	0.93	-2.16	0.84	Jekyll
8336	460627	3443307	460759	3443033	-1.94	3.24	-2.05	0.88	-1.92	0.74	Jekyll
8337	460676	3443317	460768	3443036	-1.90	3.18	-1.99	0.89	-1.88	0.76	Jekyll
8338	460726	3443320	460779	3443038	-1.85	2.51	-1.93	0.93	-1.85	0.84	Jekyll
8339	460776	3443317	460796	3443039	-1.79	1.32	-1.85	0.98	-1.80	0.94	Jekyll
8340	460825	3443308	460815	3443039	-1.74	0.65	-1.77	0.99	-1.74	0.98	Jekyll
8341	460873	3443293	460837	3443037	-1.67	0.54	-1.69	0.99	-1.67	0.99	Jekyll
8342	460917	3443270	460863	3443033	-1.57	0.60	-1.58	0.99	-1.57	0.99	Jekyll
8343	460952	3443235	460885	3443024	-1.41	1.02	-1.42	0.98	-1.43	0.97	Jekyll
8344	460981	3443194	460904	3443016	-1.22	1.24	-1.22	0.97	-1.26	0.94	Jekyll
8345	461005	3443150	460930	3443006	-1.02	1.13	-1.01	0.96	-1.05	0.93	Jekyll
8346	461028	3443105	460956	3442989	-0.85	1.01	-0.82	0.95	-0.85	0.93	Jekyll
8347	461049	3443060	460981	3442974	-0.67	1.00	-0.65	0.93	-0.67	0.89	Jekyll
8348	461082	3443023	461011	3442952	-0.49	0.88	-0.48	0.89	-0.48	0.80	Jekyll
8349	461110	3442981	461038	3442923	-0.35	0.86	-0.35	0.79	-0.33	0.63	Jekyll
8350	461132	3442937	461060	3442889	-0.23	0.69	-0.24	0.68	-0.21	0.44	Jekyll
8351	461153	3442891	461078	3442853	-0.15	0.72	-0.16	0.52	-0.14	0.26	Jekyll
8352	461173	3442845	461097	3442813	-0.06	0.70	-0.10	0.28	-0.07	0.09	Jekyll
8353	461194	3442800	461115	3442771	0.01	0.74	-0.04	0.05	-0.01	0.00	Jekyll
8354	461212	3442754	461129	3442725	0.06	0.73	0.02	0.01	0.05	0.04	Jekyll
8355	461230	3442707	461140	3442677	0.11	0.98	0.05	0.05	0.09	0.07	Jekyll
8356	461244	3442659	461154	3442632	0.12	1.02	0.07	0.09	0.10	0.09	Jekyll
8357	461256	3442610	461172	3442586	0.12	0.95	0.09	0.18	0.11	0.12	Jekyll
8358	461268	3442562	461186	3442535	0.10	0.92	0.05	0.08	0.07	0.06	Jekyll
8359	461277	3442513	461199	3442487	0.06	0.94	0.03	0.04	0.04	0.02	Jekyll
8360	461284	3442463	461210	3442443	0.03	0.95	0.02	0.01	0.01	0.00	Jekyll
8361	461298	3442415	461230	3442397	-0.01	0.48	-0.01	0.01	-0.02	0.02	Jekyll
8362	461311	3442367	461242	3442351	-0.04	0.44	-0.03	0.07	-0.06	0.18	Jekyll
8363	461318	3442317	461247	3442304	-0.04	0.42	0.00	0.00	-0.06	0.09	Jekyll
8364	461323	3442268	461253	3442257	-0.12	0.47	-0.06	0.09	-0.13	0.23	Jekyll
8365	461331	3442218	461260	3442207	-0.11	0.60	-0.04	0.03	-0.13	0.15	Jekyll
8366	461340	3442169	461268	3442158	-0.08	0.75	0.00	0.00	-0.09	0.07	Jekyll
8367	461348	3442120	461276	3442108	-0.08	0.90	0.02	0.00	-0.09	0.05	Jekyll
8368	461358	3442071	461284	3442058	-0.06	1.04	0.05	0.02	-0.07	0.03	Jekyll
8369	461371	3442023	461291	3442009	-0.05	1.08	0.07	0.02	-0.08	0.02	Jekyll
8370	461384	3441974	461300	3441960	-0.04	1.16	0.09	0.03	-0.07	0.01	Jekyll
8371	461399	3441926	461310	3441910	-0.03	1.21	0.10	0.04	-0.07	0.01	Jekyll
8372	461416	3441880	461318	3441862	0.00	1.20	0.13	0.06	-0.03	0.00	Jekyll
8373	461431	3441832	461329	3441814	-0.01	1.31	0.14	0.06	-0.04	0.00	Jekyll
8374	461445	3441784	461337	3441765	-0.02	1.37	0.14	0.06	-0.04	0.00	Jekyll
8375	461457	3441735	461346	3441718	0.00	1.28	0.14	0.06	-0.04	0.00	Jekyll
8376	461466	3441686	461356	3441669	0.01	1.20	0.14	0.06	-0.03	0.00	Jekyll
8377	461476	3441637	461365	3441618	-0.01	1.15	0.12	0.04	-0.06	0.01	Jekyll
8378	461484	3441588	461376	3441567	0.00	1.15	0.12	0.04	-0.06	0.01	Jekyll
8379	461495	3441539	461385	3441517	-0.03	1.18	0.10	0.03	-0.09	0.01	Jekyll

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8380	461505	3441490	461400	3441466	-0.04	1.20	0.09	0.02	-0.09	0.02	Jekyll
8381	461515	3441441	461412	3441418	-0.06	1.17	0.05	0.01	-0.12	0.03	Jekyll
8382	461526	3441392	461421	3441370	-0.09	1.10	0.02	0.00	-0.16	0.05	Jekyll
8383	461535	3441343	461429	3441316	-0.19	1.08	-0.08	0.02	-0.25	0.12	Jekyll
8384	461542	3441294	461438	3441259	-0.33	1.06	-0.23	0.18	-0.38	0.26	Jekyll
8385	461550	3441245	461452	3441214	-0.38	0.91	-0.31	0.35	-0.43	0.38	Jekyll
8386	461558	3441195	461474	3441170	-0.37	0.79	-0.33	0.55	-0.41	0.50	Jekyll
8387	461567	3441146	461506	3441127	-0.28	0.85	-0.29	0.69	-0.31	0.59	Jekyll
8388	461576	3441097	461513	3441081	-0.35	0.60	-0.36	0.89	-0.37	0.83	Jekyll
8389	461590	3441049	461520	3441039	-0.40	0.34	-0.39	0.98	-0.39	0.95	Jekyll
8390	461611	3441004	461529	3440993	-0.48	0.46	-0.50	0.96	-0.47	0.94	Jekyll
8391	461640	3440963	461534	3440950	-0.63	0.65	-0.66	0.93	-0.60	0.90	Jekyll
8392	461662	3440919	461537	3440904	-0.76	0.78	-0.88	0.93	-0.81	0.89	Jekyll
8393	461679	3440872	461541	3440857	-0.84	0.83	-0.97	0.92	-0.90	0.88	Jekyll
8394	461692	3440824	461549	3440808	-0.86	0.97	-1.01	0.92	-0.94	0.87	Jekyll
8395	461702	3440774	461555	3440760	-0.92	0.82	-1.05	0.93	-0.97	0.90	Jekyll
8396	461702	3440725	461561	3440711	-0.87	0.81	-0.99	0.94	-0.93	0.90	Jekyll
8397	461703	3440675	461564	3440664	-0.86	0.82	-0.98	0.94	-0.92	0.91	Jekyll
8398	461706	3440625	461566	3440615	-0.87	0.76	-0.98	0.95	-0.92	0.92	Jekyll
8399	461705	3440577	461570	3440569	-0.90	0.69	-0.93	0.93	-0.85	0.89	Jekyll
8400	461703	3440528	461573	3440519	-0.88	0.74	-0.92	0.93	-0.84	0.91	Jekyll
8401	461704	3440478	461577	3440469	-0.86	0.81	-0.90	0.94	-0.83	0.92	Jekyll
8402	461705	3440428	461580	3440419	-0.84	0.60	-0.87	0.96	-0.81	0.94	Jekyll
8403	461705	3440378	461583	3440370	-0.82	0.68	-0.84	0.97	-0.80	0.95	Jekyll
8404	461708	3440328	461586	3440320	-0.82	0.72	-0.84	0.96	-0.80	0.95	Jekyll
8405	461712	3440278	461590	3440270	-0.82	0.60	-0.85	0.97	-0.81	0.96	Jekyll
8406	461719	3440228	461593	3440220	-0.84	0.60	-0.88	0.97	-0.84	0.96	Jekyll
8407	461725	3440179	461597	3440170	-0.86	0.60	-0.91	0.96	-0.85	0.96	Jekyll
8408	461729	3440129	461600	3440120	-0.86	0.55	-0.91	0.96	-0.85	0.96	Jekyll
8409	461733	3440079	461604	3440070	-0.87	0.46	-0.91	0.97	-0.85	0.96	Jekyll
8410	461740	3440030	461607	3440019	-0.90	0.71	-0.94	0.96	-0.88	0.95	Jekyll
8411	461748	3439980	461611	3439969	-0.93	0.75	-0.97	0.96	-0.91	0.95	Jekyll
8412	461755	3439931	461616	3439920	-0.95	0.81	-0.99	0.96	-0.93	0.95	Jekyll
8413	461762	3439881	461621	3439870	-0.96	0.85	-1.00	0.96	-0.94	0.94	Jekyll
8414	461768	3439832	461624	3439821	-0.98	0.76	-1.03	0.96	-0.97	0.95	Jekyll
8415	461775	3439782	461627	3439771	-1.01	0.63	-1.05	0.97	-0.98	0.95	Jekyll
8416	461782	3439733	461631	3439722	-1.04	0.59	-1.07	0.97	-1.00	0.95	Jekyll
8417	461790	3439683	461635	3439672	-1.07	0.74	-1.10	0.96	-1.03	0.95	Jekyll
8418	461799	3439634	461638	3439623	-1.10	0.64	-1.14	0.96	-1.06	0.94	Jekyll
8419	461808	3439585	461642	3439572	-1.14	0.60	-1.19	0.95	-1.09	0.92	Jekyll
8420	461817	3439536	461646	3439522	-1.18	0.78	-1.24	0.93	-1.12	0.91	Jekyll
8421	461825	3439486	461649	3439474	-1.21	1.08	-1.27	0.92	-1.14	0.89	Jekyll
8422	461830	3439437	461653	3439425	-1.22	0.91	-1.27	0.92	-1.14	0.88	Jekyll
8423	461835	3439387	461657	3439376	-1.23	1.28	-1.28	0.92	-1.16	0.88	Jekyll
8424	461841	3439337	461657	3439326	-1.23	1.32	-1.30	0.91	-1.17	0.87	Jekyll
8425	461849	3439288	461660	3439280	-1.26	1.32	-1.33	0.90	-1.19	0.86	Jekyll
8426	461860	3439239	461663	3439232	-1.33	1.23	-1.41	0.91	-1.25	0.86	Jekyll
8427	461868	3439190	461665	3439185	-1.39	1.16	-1.46	0.92	-1.31	0.88	Jekyll
8428	461874	3439140	461666	3439135	-1.44	1.31	-1.51	0.91	-1.35	0.87	Jekyll
8429	461878	3439090	461665	3439093	-1.47	1.41	-1.53	0.91	-1.38	0.87	Jekyll
8430	461875	3439040	461665	3439043	-1.45	1.34	-1.52	0.92	-1.36	0.88	Jekyll
8431	461874	3438990	461663	3438994	-1.45	1.39	-1.53	0.92	-1.37	0.88	Jekyll
8432	461873	3438940	461663	3438944	-1.45	1.53	-1.51	0.91	-1.36	0.87	Jekyll
8433	461870	3438890	461664	3438897	-1.44	1.50	-1.50	0.91	-1.35	0.87	Jekyll
8434	461871	3438840	461663	3438845	-1.45	1.40	-1.51	0.91	-1.36	0.87	Jekyll
8435	461868	3438791	461661	3438796	-1.44	1.33	-1.50	0.92	-1.35	0.88	Jekyll
8436	461860	3438741	461659	3438747	-1.39	1.15	-1.45	0.93	-1.31	0.89	Jekyll
8437	461852	3438692	461657	3438697	-1.35	0.89	-1.40	0.93	-1.27	0.90	Jekyll
8438	461843	3438643	461656	3438648	-1.29	0.71	-1.34	0.94	-1.22	0.91	Jekyll
8439	461833	3438594	461655	3438601	-1.22	0.59	-1.27	0.95	-1.17	0.92	Jekyll
8440	461820	3438545	461655	3438554	-1.14	0.48	-1.18	0.96	-1.09	0.93	Jekyll
8441	461808	3438497	461651	3438506	-1.07	0.37	-1.10	0.97	-1.04	0.96	Jekyll
8442	461795	3438449	461647	3438459	-1.00	0.30	-1.03	0.98	-0.98	0.96	Jekyll
8443	461782	3438400	461643	3438411	-0.94	0.29	-0.96	0.98	-0.91	0.96	Jekyll
8444	461771	3438352	461640	3438362	-0.88	0.48	-0.90	0.97	-0.86	0.94	Jekyll
8445	461759	3438303	461636	3438313	-0.83	0.46	-0.85	0.98	-0.82	0.95	Jekyll
8446	461747	3438254	461631	3438265	-0.78	0.41	-0.79	0.98	-0.78	0.96	Jekyll
8447	461733	3438206	461627	3438217	-0.71	0.60	-0.73	0.97	-0.72	0.94	Jekyll
8448	461719	3438158	461622	3438167	-0.64	0.47	-0.65	0.98	-0.67	0.96	Jekyll
8449	461707	3438110	461617	3438118	-0.58	0.42	-0.59	0.97	-0.61	0.96	Jekyll
8450	461698	3438061	461613	3438068	-0.53	0.33	-0.54	0.98	-0.56	0.96	Jekyll
8451	461687	3438012	461610	3438019	-0.45	0.31	-0.47	0.97	-0.48	0.96	Jekyll
8452	461675	3437964	461605	3437970	-0.41	0.37	-0.41	0.97	-0.42	0.94	Jekyll
8453	461665	3437914	461600	3437921	-0.36	0.30	-0.36	0.96	-0.38	0.94	Jekyll
8454	461657	3437865	461595	3437872	-0.31	0.27	-0.31	0.95	-0.33	0.94	Jekyll
8455	461648	3437816	461589	3437823	-0.27	0.29	-0.26	0.91	-0.28	0.90	Jekyll
8456	461636	3437767	461583	3437774	-0.24	0.49	-0.21	0.77	-0.25	0.78	Jekyll
8457	461626	3437719	461576	3437725	-0.20	0.53	-0.17	0.66	-0.20	0.70	Jekyll
8458	461616	3437669	461569	3437677	-0.17	0.51	-0.14	0.54	-0.16	0.62	Jekyll

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8459	461605	3437621	461564	3437628	-0.15	0.53	-0.10	0.34	-0.12	0.41	Jekyll
8460	461593	3437572	461556	3437580	-0.14	0.64	-0.08	0.15	-0.08	0.15	Jekyll
8461	461582	3437524	461544	3437533	-0.12	0.82	-0.06	0.08	-0.05	0.04	Jekyll
8462	461574	3437474	461535	3437484	-0.08	0.93	-0.03	0.02	-0.02	0.01	Jekyll
8463	461570	3437424	461519	3437437	-0.05	1.45	0.01	0.00	0.03	0.00	Jekyll
8464	461568	3437375	461506	3437389	-0.03	1.79	0.04	0.01	0.06	0.01	Jekyll
8465	461562	3437325	461499	3437340	-0.01	1.85	0.05	0.02	0.07	0.02	Jekyll
8466	461557	3437275	461486	3437289	0.01	2.16	0.07	0.02	0.09	0.02	Jekyll
8467	461554	3437225	461479	3437241	0.03	2.29	0.09	0.04	0.11	0.03	Jekyll
8468	461549	3437176	461466	3437192	0.05	2.53	0.12	0.06	0.14	0.04	Jekyll
8469	461542	3437126	461459	3437143	0.07	2.53	0.15	0.08	0.16	0.04	Jekyll
8470	461527	3437078	461451	3437093	0.10	2.27	0.17	0.12	0.19	0.07	Jekyll
8471	461516	3437030	461439	3437045	0.14	2.22	0.21	0.18	0.24	0.12	Jekyll
8472	461511	3436980	461430	3436999	0.14	2.36	0.23	0.18	0.25	0.11	Jekyll
8473	461504	3436930	461422	3436951	0.15	2.45	0.24	0.19	0.25	0.10	Jekyll
8474	461498	3436881	461406	3436905	0.15	2.77	0.25	0.17	0.27	0.09	Jekyll
8475	461489	3436832	461390	3436858	0.15	3.04	0.26	0.15	0.29	0.09	Jekyll
8476	461479	3436783	461379	3436811	0.15	3.07	0.26	0.15	0.29	0.09	Jekyll
8477	461468	3436734	461366	3436760	0.15	3.14	0.25	0.13	0.29	0.09	Jekyll
8478	461458	3436685	461354	3436713	0.15	3.24	0.24	0.12	0.28	0.08	Jekyll
8479	461448	3436636	461344	3436663	0.14	3.28	0.23	0.11	0.27	0.07	Jekyll
8480	461438	3436587	461330	3436618	0.11	3.44	0.20	0.08	0.25	0.06	Jekyll
8481	461428	3436538	461315	3436568	0.06	3.64	0.15	0.04	0.21	0.04	Jekyll
8482	461414	3436490	461303	3436521	0.01	3.60	0.10	0.02	0.16	0.02	Jekyll
8483	461400	3436442	461289	3436473	-0.04	3.64	0.05	0.00	0.12	0.01	Jekyll
8484	461388	3436393	461277	3436428	-0.11	3.69	-0.01	0.00	0.05	0.00	Jekyll
8485	461375	3436345	461262	3436379	-0.18	3.77	-0.07	0.01	-0.01	0.00	Jekyll
8486	461358	3436298	461244	3436333	-0.18	3.78	-0.08	0.01	0.00	0.00	Jekyll
8487	461341	3436251	461229	3436284	-0.15	3.71	-0.06	0.01	0.03	0.00	Jekyll
8488	461325	3436204	461218	3436237	-0.12	3.55	-0.05	0.00	0.04	0.00	Jekyll
8489	461309	3436156	461204	3436186	-0.10	3.43	-0.04	0.00	0.07	0.00	Jekyll
8490	461291	3436110	461190	3436138	-0.07	3.28	-0.02	0.00	0.10	0.01	Jekyll
8491	461271	3436064	461175	3436091	-0.08	3.08	-0.03	0.00	0.10	0.01	Jekyll
8492	461259	3436016	461162	3436042	-0.09	2.94	-0.05	0.01	0.09	0.01	Jekyll
8493	461251	3435966	461150	3435991	-0.08	2.87	-0.05	0.01	0.10	0.01	Jekyll
8494	461246	3435916	461140	3435942	-0.05	2.72	-0.04	0.00	0.12	0.02	Jekyll
8495	461237	3435867	461129	3435894	-0.03	2.49	-0.01	0.00	0.15	0.03	Jekyll
8496	461232	3435818	461116	3435848	0.00	2.42	0.00	0.00	0.18	0.05	Jekyll
8497	461227	3435768	461104	3435800	-0.03	2.25	-0.04	0.00	0.13	0.03	Jekyll
8498	461216	3435719	461089	3435753	-0.06	2.03	-0.07	0.01	0.10	0.02	Jekyll
8499	461197	3435673	461078	3435705	-0.09	1.82	-0.10	0.03	0.06	0.01	Jekyll
8500	461173	3435629	461066	3435658	-0.12	1.58	-0.12	0.04	0.04	0.00	Jekyll
8501	461152	3435584	461052	3435610	-0.15	1.36	-0.14	0.06	0.02	0.00	Jekyll
8502	461130	3435539	461038	3435564	-0.19	1.33	-0.17	0.10	-0.02	0.00	Jekyll
8503	461112	3435493	461027	3435513	-0.23	1.18	-0.22	0.16	-0.07	0.02	Jekyll
8504	461096	3435445	461013	3435465	-0.24	1.11	-0.23	0.19	-0.09	0.03	Jekyll
8505	461081	3435397	461005	3435418	-0.24	0.97	-0.21	0.18	-0.09	0.03	Jekyll
8506	461066	3435350	460997	3435370	-0.23	0.82	-0.20	0.20	-0.09	0.04	Jekyll
8507	461051	3435302	460979	3435323	-0.22	0.86	-0.20	0.18	-0.08	0.03	Jekyll
8508	461035	3435255	460961	3435278	-0.22	0.92	-0.19	0.16	-0.07	0.02	Jekyll
8509	461019	3435207	460941	3435231	-0.21	1.07	-0.19	0.14	-0.06	0.01	Jekyll
8510	461003	3435160	460929	3435179	-0.20	1.05	-0.18	0.15	-0.06	0.02	Jekyll
8511	460988	3435112	460919	3435127	-0.21	0.93	-0.18	0.19	-0.08	0.03	Jekyll
8512	460974	3435064	460909	3435080	-0.22	0.88	-0.20	0.25	-0.10	0.06	Jekyll
8513	460959	3435017	460900	3435030	-0.22	0.74	-0.21	0.35	-0.13	0.13	Jekyll
8514	460944	3434969	460886	3434982	-0.22	0.69	-0.20	0.34	-0.13	0.13	Jekyll
8515	460929	3434921	460872	3434934	-0.22	0.67	-0.20	0.35	-0.13	0.14	Jekyll
8516	460914	3434873	460864	3434886	-0.22	0.54	-0.20	0.43	-0.14	0.22	Jekyll
8517	460900	3434826	460853	3434837	-0.21	0.47	-0.21	0.55	-0.15	0.33	Jekyll
8518	460885	3434778	460839	3434790	-0.21	0.45	-0.21	0.56	-0.15	0.33	Jekyll
8519	460870	3434730	460824	3434743	-0.21	0.61	-0.22	0.56	-0.16	0.33	Jekyll
8520	460856	3434682	460809	3434696	-0.21	0.66	-0.23	0.56	-0.16	0.33	Jekyll
8521	460843	3434634	460795	3434648	-0.22	0.58	-0.23	0.60	-0.17	0.37	Jekyll
8522	460832	3434585	460783	3434600	-0.22	0.50	-0.23	0.64	-0.17	0.44	Jekyll
8523	460818	3434537	460768	3434552	-0.20	0.50	-0.21	0.69	-0.17	0.51	Jekyll
8524	460804	3434489	460752	3434505	-0.17	0.43	-0.20	0.74	-0.16	0.62	Jekyll
8525	460788	3434442	460737	3434456	-0.15	0.58	-0.18	0.66	-0.15	0.52	Jekyll
8526	460774	3434394	460723	3434408	-0.13	0.58	-0.15	0.60	-0.13	0.42	Jekyll
8527	460762	3434345	460711	3434359	-0.11	0.62	-0.12	0.50	-0.11	0.33	Jekyll
8528	460751	3434296	460698	3434310	-0.09	0.57	-0.10	0.42	-0.10	0.27	Jekyll
8529	460737	3434248	460683	3434263	-0.08	0.47	-0.09	0.42	-0.10	0.33	Jekyll
8530	460723	3434200	460671	3434215	-0.06	0.36	-0.07	0.41	-0.07	0.32	Jekyll
8531	460710	3434152	460658	3434166	-0.04	0.18	-0.05	0.54	-0.04	0.48	Jekyll
8532	460694	3434105	460644	3434119	-0.02	0.70	-0.02	0.03	-0.02	0.01	Jekyll
8533	460680	3434057	460633	3434071	-0.01	0.83	0.00	0.00	-0.01	0.00	Jekyll
8534	460665	3434009	460617	3434025	0.02	0.65	0.01	0.01	0.01	0.00	Jekyll
8535	460649	3433962	460603	3433978	0.06	0.40	0.04	0.21	0.04	0.13	Jekyll
8536	460634	3433914	460584	3433933	0.13	0.36	0.12	0.68	0.12	0.59	Jekyll
8537	460620	3433866	460566	3433887	0.19	0.61	0.18	0.65	0.17	0.47	Jekyll

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8538	460607	3433818	460549	3433840	0.21	0.98	0.21	0.49	0.19	0.29	Jekyll
8539	460593	3433770	460530	3433794	0.27	1.20	0.26	0.50	0.24	0.30	Jekyll
8540	460579	3433722	460511	3433748	0.32	1.37	0.32	0.51	0.29	0.30	Jekyll
8541	460567	3433673	460493	3433701	0.36	1.30	0.36	0.56	0.32	0.34	Jekyll
8542	460553	3433625	460475	3433653	0.40	1.08	0.39	0.66	0.35	0.45	Jekyll
8543	460538	3433578	460459	3433606	0.44	1.13	0.42	0.67	0.38	0.48	Jekyll
8544	460523	3433530	460443	3433558	0.44	1.18	0.44	0.65	0.38	0.44	Jekyll
8545	460510	3433482	460426	3433510	0.46	1.12	0.47	0.68	0.40	0.45	Jekyll
8546	460495	3433434	460409	3433463	0.48	1.05	0.50	0.70	0.43	0.48	Jekyll
8547	460483	3433386	460394	3433416	0.50	1.00	0.52	0.68	0.43	0.45	Jekyll
8548	460472	3433337	460378	3433368	0.50	1.05	0.53	0.65	0.42	0.40	Jekyll
8549	460459	3433289	460362	3433321	0.51	1.14	0.55	0.65	0.44	0.40	Jekyll
8550	460446	3433240	460347	3433275	0.51	1.21	0.56	0.63	0.44	0.37	Jekyll
8551	460432	3433192	460330	3433228	0.52	1.21	0.59	0.64	0.47	0.38	Jekyll
8552	460418	3433144	460313	3433182	0.54	1.20	0.60	0.64	0.48	0.38	Jekyll
8553	460401	3433097	460298	3433138	0.54	1.14	0.60	0.63	0.47	0.37	Jekyll
8554	460386	3433050	460282	3433094	0.56	1.08	0.62	0.64	0.48	0.38	Jekyll
8555	460372	3433002	460263	3433051	0.61	1.11	0.67	0.64	0.52	0.38	Jekyll
8556	460361	3432953	460242	3433010	0.65	1.27	0.73	0.61	0.55	0.35	Jekyll
8557	460351	3432904	460221	3432970	0.71	1.45	0.79	0.60	0.60	0.34	Jekyll
8558	460344	3432854	460200	3432927	0.76	1.71	0.86	0.57	0.64	0.30	Jekyll
8559	460333	3432806	460178	3432884	0.81	1.87	0.91	0.56	0.67	0.29	Jekyll
8560	460325	3432756	460157	3432842	0.86	2.11	0.97	0.55	0.72	0.27	Jekyll
8561	460312	3432708	460135	3432799	0.92	2.21	1.04	0.56	0.77	0.28	Jekyll
8562	460295	3432661	460111	3432752	1.00	2.07	1.10	0.57	0.81	0.30	Jekyll
8563	460276	3432615	460086	3432705	1.07	2.00	1.17	0.59	0.88	0.33	Jekyll
8564	460253	3432571	460065	3432659	1.11	1.80	1.21	0.63	0.92	0.38	Jekyll
8565	460232	3432525	460046	3432612	1.15	1.68	1.24	0.65	0.95	0.41	Jekyll
8566	460214	3432478	460025	3432567	1.20	1.65	1.29	0.67	1.00	0.44	Jekyll
8567	460188	3432436	460006	3432529	1.26	1.45	1.34	0.71	1.07	0.51	Jekyll
8568	460161	3432394	459987	3432489	1.33	1.27	1.39	0.76	1.14	0.60	Jekyll
8569	460140	3432349	459963	3432450	1.41	1.18	1.46	0.80	1.23	0.67	Jekyll
8570	460125	3432301	459940	3432412	1.50	1.09	1.54	0.85	1.33	0.75	Jekyll
8571	460109	3432254	459917	3432375	1.58	1.03	1.62	0.87	1.42	0.79	Jekyll
8572	460096	3432205	459894	3432336	1.68	0.90	1.71	0.91	1.54	0.86	Jekyll
8573	460081	3432157	459868	3432298	1.79	0.72	1.82	0.95	1.68	0.92	Jekyll
8574	460066	3432110	459843	3432261	1.90	0.60	1.94	0.97	1.82	0.95	Jekyll
8575	460049	3432063	459820	3432228	1.99	0.60	2.04	0.98	1.94	0.97	Jekyll
8576	460032	3432016	459793	3432189	2.08	0.63	2.14	0.99	2.06	0.98	Jekyll
8577	460021	3431984	459779	3432169	2.14	0.60	2.20	0.99	2.13	0.98	Jekyll
8578	456786	3399246	455783	3399441	6.85	2.30	7.08	0.99	6.88	0.98	Cumberland
8579	456805	3399201	455783	3399441	7.11	2.20	7.33	0.99	7.13	0.98	Cumberland
8580	456824	3399154	455783	3399441	7.29	2.41	7.54	0.99	7.32	0.98	Cumberland
8581	456844	3399108	455782	3399436	7.50	2.48	7.75	0.99	7.53	0.98	Cumberland
8582	456863	3399062	455755	3399376	7.79	2.57	8.07	0.99	7.80	0.98	Cumberland
8583	456884	3399017	455740	3399340	8.06	2.66	8.35	0.99	8.08	0.98	Cumberland
8584	456904	3398971	455728	3399300	8.28	2.76	8.59	0.99	8.29	0.98	Cumberland
8585	456926	3398926	455718	3399260	8.49	2.89	8.82	0.99	8.52	0.98	Cumberland
8586	456949	3398882	455709	3399220	8.72	3.13	9.06	0.99	8.75	0.98	Cumberland
8587	456971	3398837	455696	3399166	8.93	3.45	9.29	0.99	8.98	0.98	Cumberland
8588	456993	3398792	455686	3399104	9.11	3.69	9.48	0.98	9.16	0.97	Cumberland
8589	457013	3398746	455671	3399039	9.32	3.87	9.70	0.98	9.36	0.97	Cumberland
8590	457028	3398698	455659	3398997	9.50	4.27	9.92	0.98	9.54	0.96	Cumberland
8591	457042	3398650	455655	3398960	9.61	4.89	10.07	0.98	9.67	0.96	Cumberland
8592	457059	3398603	455647	3398925	9.73	5.69	10.24	0.97	9.82	0.95	Cumberland
8593	457094	3398568	455644	3398906	9.80	6.36	10.37	0.97	9.94	0.94	Cumberland
8594	457121	3398527	455637	3398880	9.89	6.84	10.53	0.97	10.07	0.94	Cumberland
8595	457122	3398478	455625	3398842	9.88	8.00	10.64	0.95	10.08	0.92	Cumberland
8596	457130	3398433	455621	3398824	10.57	7.40	11.22	0.97	10.81	0.94	Cumberland
8597	457132	3398384	455620	3398807	10.68	8.25	11.37	0.97	10.97	0.94	Cumberland
8598	457124	3398335	455619	3398790	10.70	9.76	11.46	0.96	11.07	0.92	Cumberland
8599	457115	3398285	455615	3398771	10.73	11.37	11.55	0.95	11.19	0.90	Cumberland
8600	457105	3398237	455615	3398771	10.77	12.14	11.61	0.95	11.26	0.89	Cumberland
8601	457089	3398189	455615	3398771	10.78	12.56	11.63	0.94	11.27	0.89	Cumberland
8602	457068	3398144	455613	3398767	10.77	12.63	11.58	0.94	11.22	0.88	Cumberland
8603	457047	3398098	455613	3398767	10.77	12.90	11.57	0.94	11.21	0.88	Cumberland
8604	457025	3398054	455613	3398767	10.76	12.46	11.56	0.95	11.20	0.89	Cumberland
8605	456993	3398015	455613	3398767	10.69	11.99	11.47	0.95	11.11	0.89	Cumberland
8606	456949	3397995	455611	3398762	10.48	10.61	11.24	0.95	10.86	0.91	Cumberland
8607	456900	3397981	455611	3398762	10.24	8.54	10.94	0.96	10.57	0.93	Cumberland
8608	456853	3397967	455611	3398762	10.02	6.62	10.64	0.97	10.28	0.95	Cumberland
8609	456803	3397960	455611	3398762	9.76	5.80	10.34	0.98	9.97	0.96	Cumberland
8610	456754	3397956	455611	3398762	9.49	19.22	9.78	0.88	9.65	0.79	Cumberland
8611	456704	3397956	455611	3398762	9.19	18.91	9.46	0.88	9.31	0.78	Cumberland
8612	456654	3397958	455611	3398762	8.90	16.83	9.76	0.72	10.80	0.71	Cumberland
8613	456604	3397961	455611	3398762	8.61	13.99	7.94	0.72	9.56	0.73	Cumberland
8614	456554	3397966	455608	3398759	8.30	13.91	7.63	0.71	9.20	0.72	Cumberland
8615	456504	3397972	455608	3398759	8.02	13.87	7.34	0.71	8.87	0.72	Cumberland
8616	456455	3397981	455608	3398759	7.72	17.34	6.65	0.63	8.29	0.67	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8617	456406	3397990	455608	3398759	7.34	16.66	6.35	0.64	7.89	0.68	Cumberland
8618	456359	3398005	455608	3398759	6.86	15.87	5.99	0.65	7.40	0.68	Cumberland
8619	456313	3398027	455608	3398759	6.61	15.37	5.80	0.65	7.14	0.68	Cumberland
8620	456271	3398054	455608	3398759	6.47	15.08	5.69	0.65	7.00	0.68	Cumberland
8621	456226	3398074	455608	3398759	6.17	14.51	5.46	0.66	8.63	0.87	Cumberland
8622	456182	3398098	455608	3398759	5.86	13.76	5.22	0.67	8.14	0.87	Cumberland
8623	456139	3398123	455608	3398759	5.53	12.84	4.96	0.68	7.65	0.87	Cumberland
8624	456096	3398148	455608	3398759	5.14	11.90	4.67	0.69	7.06	0.88	Cumberland
8625	456046	3398150	455608	3398759	4.71	6.88	4.13	0.59	7.85	0.83	Cumberland
8626	455996	3398150	455604	3398756	4.49	6.64	3.96	0.58	7.50	0.82	Cumberland
8627	455946	3398154	455604	3398756	4.13	6.16	3.70	0.59	6.89	0.83	Cumberland
8628	455896	3398160	455604	3398756	3.90	5.92	3.54	0.60	6.51	0.83	Cumberland
8629	455853	3398183	455604	3398756	3.76	5.81	3.44	0.60	6.27	0.83	Cumberland
8630	455819	3398220	455604	3398756	3.65	5.73	3.36	0.60	6.07	0.83	Cumberland
8631	455786	3398258	455600	3398755	3.47	5.70	3.22	0.60	5.80	0.82	Cumberland
8632	455747	3398289	455585	3398753	3.06	5.89	2.91	0.57	5.24	0.81	Cumberland
8633	455709	3398320	455568	3398750	2.63	6.10	2.56	0.52	4.69	0.79	Cumberland
8634	455666	3398340	455542	3398740	2.17	6.32	2.18	0.44	4.12	0.77	Cumberland
8635	455644	3398339	455529	3398736	2.02	6.34	2.05	0.42	3.95	0.75	Cumberland
8636	455647	3398309	455527	3398735	2.29	6.29	2.23	0.43	4.42	0.76	Cumberland
8637	455603	3398330	455435	3398703	1.22	6.39	1.38	0.26	2.91	0.68	Cumberland
8638	455600	3398379	455516	3398732	1.90	7.86	1.01	0.12	0.54	0.03	Cumberland
8639	455561	3398378	455385	3398678	1.06	6.33	1.23	0.21	2.75	0.65	Cumberland
8640	455512	3398376	455341	3398638	0.88	4.47	0.84	0.14	2.64	0.64	Cumberland
8641	455468	3398392	455307	3398611	0.49	4.95	0.60	0.09	1.87	0.57	Cumberland
8642	455454	3398380	455285	3398592	0.31	5.66	0.56	0.09	1.39	0.49	Cumberland
8643	455457	3398338	455255	3398562	0.23	7.23	0.70	0.11	0.91	0.33	Cumberland
8644	455427	3398368	455255	3398562	0.24	5.30	0.55	0.11	0.94	0.43	Cumberland
8645	455415	3398396	455272	3398579	0.13	4.98	0.40	0.06	0.90	0.40	Cumberland
8646	455410	3398348	455251	3398558	0.32	6.09	0.70	0.15	0.95	0.41	Cumberland
8647	455361	3398344	455244	3398554	0.30	5.43	0.66	0.17	0.81	0.41	Cumberland
8648	455316	3398365	455242	3398552	0.24	4.38	0.52	0.15	0.68	0.41	Cumberland
8649	455270	3398383	455229	3398544	0.13	3.66	0.37	0.12	0.46	0.33	Cumberland
8650	455224	3398403	455214	3398534	0.00	3.09	0.22	0.07	0.15	0.08	Cumberland
8651	455179	3398426	455189	3398524	-0.09	2.26	0.12	0.04	-0.24	0.24	Cumberland
8652	455135	3398449	455160	3398534	-0.10	1.81	0.08	0.02	-0.46	0.47	Cumberland
8653	455092	3398475	455128	3398549	-0.03	1.64	0.12	0.03	-0.51	0.45	Cumberland
8654	455045	3398486	455102	3398574	0.11	1.36	0.23	0.13	-0.39	0.32	Cumberland
8655	455006	3398517	455082	3398606	0.28	1.40	0.39	0.29	-0.22	0.13	Cumberland
8656	454972	3398553	455067	3398645	0.50	1.37	0.59	0.48	0.00	0.00	Cumberland
8657	454942	3398593	455042	3398680	0.69	1.25	0.75	0.66	0.27	0.23	Cumberland
8658	454912	3398632	455012	3398708	0.61	1.03	0.70	0.67	0.20	0.16	Cumberland
8659	454879	3398670	454983	3398740	0.54	1.19	0.66	0.68	0.19	0.18	Cumberland
8660	454854	3398712	454960	3398775	0.53	1.30	0.65	0.75	0.30	0.48	Cumberland
8661	454839	3398760	454932	3398809	0.49	1.09	0.58	0.83	0.42	0.83	Cumberland
8662	454834	3398810	454911	3398843	0.49	0.64	0.53	0.89	0.57	0.95	Cumberland
8663	454805	3398850	454892	3398878	0.54	0.62	0.54	0.74	0.80	0.88	Cumberland
8664	454769	3398884	454891	3398889	0.69	0.84	0.65	0.64	1.12	0.85	Cumberland
8665	454763	3398910	454900	3398966	0.42	1.75	0.47	0.33	0.86	0.72	Cumberland
8666	454803	3398883	454891	3398887	0.46	0.84	0.49	0.67	0.71	0.86	Cumberland
8667	454784	3398926	454894	3398987	0.40	1.99	0.47	0.31	0.82	0.69	Cumberland
8668	454749	3398960	454862	3399037	0.43	2.48	0.52	0.31	0.84	0.66	Cumberland
8669	454717	3398998	454808	3399079	0.37	2.42	0.44	0.29	0.71	0.62	Cumberland
8670	454671	3399016	454757	3399106	0.38	2.33	0.47	0.30	0.73	0.64	Cumberland
8671	454622	3399024	454709	3399127	0.30	2.91	0.46	0.29	0.47	0.39	Cumberland
8672	454574	3399036	454648	3399158	0.25	3.83	0.49	0.24	0.21	0.07	Cumberland
8673	454540	3399072	454606	3399180	0.28	3.16	0.51	0.32	0.17	0.06	Cumberland
8674	454504	3399105	454570	3399208	0.39	2.62	0.60	0.48	0.23	0.14	Cumberland
8675	454456	3399118	454549	3399241	0.42	2.09	0.60	0.57	0.23	0.18	Cumberland
8676	454432	3399161	454524	3399265	0.34	1.73	0.45	0.56	0.11	0.06	Cumberland
8677	454410	3399206	454498	3399285	0.23	1.70	0.36	0.43	0.00	0.00	Cumberland
8678	454388	3399251	454461	3399306	-0.04	1.45	0.07	0.04	-0.13	0.15	Cumberland
8679	454374	3399299	454434	3399348	-0.29	0.92	-0.26	0.50	-0.46	0.81	Cumberland
8680	454368	3399348	454417	3399394	-0.63	0.66	-0.56	0.87	-0.49	0.92	Cumberland
8681	454350	3399394	454411	3399443	-0.52	0.15	-0.50	0.99	-0.51	1.00	Cumberland
8682	454325	3399437	454397	3399489	-0.30	0.40	-0.32	0.80	-0.39	0.94	Cumberland
8683	454294	3399476	454381	3399535	-0.64	0.00	-0.64	0.00	-0.64	0.00	Cumberland
8684	454262	3399514	454336	3399569	-0.10	0.71	-0.16	0.52	-0.21	0.50	Cumberland
8685	454234	3399555	454282	3399597	-0.37	0.97	-0.28	0.56	-0.45	0.85	Cumberland
8686	454203	3399594	454255	3399641	-0.42	0.45	-0.39	0.94	-0.40	0.97	Cumberland
8687	454181	3399639	454224	3399679	-0.32	1.05	-0.27	0.61	-0.36	0.84	Cumberland
8688	454149	3399675	454198	3399715	-0.36	0.78	-0.33	0.82	-0.38	0.91	Cumberland
8689	454118	3399713	454160	3399744	-0.07	1.33	-0.02	0.01	0.01	0.00	Cumberland
8690	454106	3399761	454132	3399779	-0.06	0.59	-0.04	0.13	-0.05	0.23	Cumberland
8691	454074	3399800	454112	3399828	-0.10	0.31	-0.10	0.33	0.02	0.01	Cumberland
8692	454045	3399840	454080	3399864	0.02	0.11	0.02	0.10	0.07	0.62	Cumberland
8693	454016	3399881	454053	3399904	0.06	0.45	0.07	0.28	0.00	0.00	Cumberland
8694	453988	3399923	454037	3399948	0.17	0.44	0.19	0.55	0.03	0.02	Cumberland
8695	453972	3399970	454013	3399991	0.15	0.31	0.18	0.57	0.01	0.01	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8696	453952	3400015	453981	3400029	0.08	0.25	0.08	0.31	-0.02	0.03	Cumberland
8697	453925	3400057	453957	3400069	0.08	0.24	0.10	0.34	-0.04	0.09	Cumberland
8698	453895	3400096	453934	3400111	0.09	0.55	0.10	0.19	-0.08	0.14	Cumberland
8699	453872	3400136	453927	3400161	0.31	0.58	0.29	0.67	0.18	0.56	Cumberland
8700	453855	3400181	453917	3400204	0.33	0.42	0.36	0.69	0.12	0.23	Cumberland
8701	453822	3400219	453909	3400248	0.43	0.65	0.50	0.65	0.12	0.10	Cumberland
8702	453806	3400266	453899	3400290	0.41	0.82	0.45	0.52	0.05	0.01	Cumberland
8703	453793	3400314	453876	3400332	0.24	0.91	0.32	0.32	-0.16	0.11	Cumberland
8704	453776	3400361	453846	3400375	0.05	0.87	0.13	0.07	-0.37	0.39	Cumberland
8705	453761	3400409	453832	3400418	-0.05	0.80	0.00	0.00	-0.46	0.51	Cumberland
8706	453758	3400458	453841	3400464	-0.30	0.74	-0.23	0.22	-0.68	0.72	Cumberland
8707	453765	3400507	453848	3400506	-0.46	0.62	-0.40	0.57	-0.77	0.83	Cumberland
8708	453762	3400555	453861	3400544	-0.62	0.77	-0.55	0.73	-0.90	0.89	Cumberland
8709	453786	3400598	453864	3400583	-0.47	0.74	-0.42	0.70	-0.68	0.88	Cumberland
8710	453775	3400646	453883	3400620	-0.68	1.21	-0.65	0.86	-0.79	0.93	Cumberland
8711	453749	3400689	453885	3400650	-0.89	0.56	-0.89	0.99	-0.90	0.99	Cumberland
8712	453758	3400735	453891	3400693	-0.89	0.84	-0.90	0.97	-0.87	0.97	Cumberland
8713	453758	3400781	453901	3400726	-0.98	1.12	-1.01	0.95	-0.86	0.92	Cumberland
8714	453768	3400829	453919	3400764	-1.05	1.15	-1.07	0.96	-0.92	0.93	Cumberland
8715	453765	3400879	453937	3400802	-1.22	1.14	-1.23	0.97	-1.09	0.95	Cumberland
8716	453780	3400925	453950	3400836	-1.25	1.17	-1.26	0.96	-1.09	0.94	Cumberland
8717	453805	3400968	453962	3400871	-1.20	1.47	-1.22	0.94	-1.00	0.90	Cumberland
8718	453824	3401014	453999	3400909	-1.32	1.60	-1.31	0.92	-1.06	0.89	Cumberland
8719	453837	3401061	454023	3400947	-1.41	1.65	-1.40	0.88	-1.01	0.81	Cumberland
8720	453849	3401109	454064	3400986	-1.63	1.68	-1.59	0.88	-1.19	0.84	Cumberland
8721	453862	3401157	454097	3401026	-1.77	1.87	-1.72	0.89	-1.37	0.88	Cumberland
8722	453894	3401195	454123	3401070	-1.71	1.71	-1.68	0.88	-1.27	0.85	Cumberland
8723	453927	3401226	454136	3401124	-1.53	2.15	-1.51	0.84	-1.05	0.74	Cumberland
8724	453933	3401275	454160	3401168	-1.61	2.54	-1.59	0.82	-1.05	0.69	Cumberland
8725	453960	3401316	454171	3401225	-1.48	2.20	-1.49	0.83	-0.95	0.67	Cumberland
8726	453976	3401363	454191	3401285	-1.50	1.77	-1.49	0.85	-1.00	0.74	Cumberland
8727	453999	3401407	454207	3401324	-1.47	1.52	-1.46	0.86	-1.01	0.78	Cumberland
8728	454029	3401445	454224	3401366	-1.37	1.30	-1.37	0.90	-1.01	0.84	Cumberland
8729	454059	3401485	454243	3401405	-1.31	1.06	-1.30	0.92	-1.01	0.89	Cumberland
8730	454086	3401525	454257	3401445	-1.21	0.96	-1.21	0.95	-0.99	0.93	Cumberland
8731	454108	3401569	454279	3401489	-1.19	0.89	-1.19	0.96	-1.03	0.95	Cumberland
8732	454132	3401611	454293	3401531	-1.15	0.59	-1.16	0.96	-0.96	0.95	Cumberland
8733	454152	3401644	454309	3401556	-1.14	0.61	-1.13	0.96	-0.96	0.96	Cumberland
8734	454188	3401677	454329	3401594	-1.05	0.74	-1.03	0.92	-0.84	0.92	Cumberland
8735	454220	3401715	454350	3401634	-0.99	0.67	-0.96	0.93	-0.80	0.93	Cumberland
8736	454250	3401755	454371	3401678	-0.91	0.59	-0.91	0.98	-0.85	0.98	Cumberland
8737	454289	3401786	454403	3401708	-0.87	0.94	-0.84	0.95	-0.91	0.97	Cumberland
8738	454312	3401829	454427	3401752	-0.86	0.83	-0.85	0.97	-0.84	0.98	Cumberland
8739	454329	3401875	454462	3401795	-0.99	0.77	-0.98	0.98	-1.01	0.99	Cumberland
8740	454355	3401918	454492	3401839	-1.01	1.00	-1.01	0.97	-1.02	0.97	Cumberland
8741	454376	3401963	454550	3401872	-1.28	1.31	-1.20	0.94	-1.39	0.97	Cumberland
8742	454397	3402008	454565	3401931	-1.20	0.99	-1.14	0.97	-1.24	0.99	Cumberland
8743	454420	3402052	454593	3401984	-1.21	0.87	-1.12	0.96	-1.29	0.98	Cumberland
8744	454439	3402096	454588	3402044	-1.01	0.88	-0.95	0.94	-0.95	0.97	Cumberland
8745	454469	3402135	454600	3402101	-0.85	1.10	-0.79	0.88	-0.76	0.94	Cumberland
8746	454493	3402177	454617	3402152	-0.80	1.26	-0.71	0.82	-0.71	0.91	Cumberland
8747	454504	3402225	454630	3402202	-0.80	1.43	-0.70	0.75	-0.65	0.85	Cumberland
8748	454536	3402261	454639	3402241	-0.65	1.38	-0.54	0.66	-0.53	0.81	Cumberland
8749	454554	3402307	454645	3402287	-0.57	1.44	-0.46	0.55	-0.43	0.69	Cumberland
8750	454576	3402352	454640	3402336	-0.35	0.86	-0.29	0.53	-0.22	0.55	Cumberland
8751	454601	3402393	454650	3402382	-0.23	0.77	-0.18	0.44	-0.18	0.58	Cumberland
8752	454611	3402442	454659	3402430	-0.22	1.02	-0.15	0.23	-0.19	0.47	Cumberland
8753	454620	3402490	454678	3402476	-0.31	1.65	-0.23	0.31	-0.33	0.52	Cumberland
8754	454634	3402538	454697	3402522	-0.33	1.57	-0.25	0.33	-0.33	0.54	Cumberland
8755	454657	3402582	454706	3402570	-0.27	1.08	-0.21	0.43	-0.28	0.63	Cumberland
8756	454681	3402626	454726	3402615	-0.21	1.19	-0.15	0.26	-0.22	0.47	Cumberland
8757	454697	3402673	454741	3402662	-0.19	1.10	-0.12	0.19	-0.17	0.40	Cumberland
8758	454696	3402723	454737	3402712	-0.17	1.09	-0.12	0.23	-0.19	0.45	Cumberland
8759	454684	3402771	454739	3402759	-0.31	1.24	-0.25	0.49	-0.33	0.65	Cumberland
8760	454704	3402817	454748	3402806	-0.24	1.18	-0.17	0.29	-0.28	0.57	Cumberland
8761	454716	3402865	454761	3402855	-0.20	1.11	-0.13	0.21	-0.20	0.45	Cumberland
8762	454732	3402912	454780	3402899	-0.24	1.30	-0.15	0.20	-0.26	0.50	Cumberland
8763	454747	3402960	454786	3402948	-0.13	1.02	-0.07	0.07	-0.13	0.31	Cumberland
8764	454755	3403009	454799	3402996	-0.23	1.15	-0.15	0.23	-0.32	0.61	Cumberland
8765	454766	3403057	454820	3403040	-0.32	1.27	-0.23	0.37	-0.36	0.66	Cumberland
8766	454793	3403099	454842	3403085	-0.26	1.32	-0.17	0.22	-0.29	0.54	Cumberland
8767	454805	3403148	454861	3403134	-0.27	1.33	-0.19	0.26	-0.25	0.47	Cumberland
8768	454822	3403194	454865	3403183	-0.18	1.14	-0.12	0.18	-0.16	0.36	Cumberland
8769	454829	3403244	454881	3403230	-0.27	1.43	-0.18	0.25	-0.28	0.50	Cumberland
8770	454837	3403293	454888	3403281	-0.27	1.34	-0.20	0.33	-0.29	0.55	Cumberland
8771	454844	3403342	454894	3403333	-0.25	1.52	-0.16	0.21	-0.29	0.48	Cumberland
8772	454852	3403392	454904	3403382	-0.23	1.18	-0.18	0.33	-0.22	0.48	Cumberland
8773	454863	3403440	454922	3403429	-0.27	1.20	-0.20	0.33	-0.25	0.54	Cumberland
8774	454870	3403490	454932	3403477	-0.29	1.13	-0.22	0.41	-0.27	0.60	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8775	454878	3403539	454936	3403526	-0.27	0.92	-0.22	0.47	-0.23	0.61	Cumberland
8776	454890	3403587	454942	3403575	-0.30	1.16	-0.23	0.41	-0.32	0.65	Cumberland
8777	454907	3403634	454951	3403625	-0.24	0.90	-0.19	0.48	-0.23	0.63	Cumberland
8778	454927	3403680	454970	3403672	-0.17	0.95	-0.12	0.22	-0.14	0.37	Cumberland
8779	454941	3403728	454987	3403719	-0.22	0.93	-0.16	0.29	-0.19	0.51	Cumberland
8780	454955	3403776	454996	3403767	-0.15	0.79	-0.10	0.19	-0.10	0.29	Cumberland
8781	454962	3403825	455003	3403815	-0.17	0.80	-0.11	0.22	-0.13	0.42	Cumberland
8782	454966	3403875	455010	3403864	-0.21	0.77	-0.16	0.39	-0.16	0.53	Cumberland
8783	454984	3403921	455019	3403913	-0.10	0.81	-0.05	0.07	-0.07	0.17	Cumberland
8784	454989	3403971	455030	3403961	-0.13	0.92	-0.07	0.07	-0.10	0.23	Cumberland
8785	454998	3404020	455043	3404009	-0.19	0.99	-0.11	0.15	-0.14	0.35	Cumberland
8786	455009	3404068	455059	3404056	-0.20	1.09	-0.12	0.13	-0.14	0.29	Cumberland
8787	455019	3404117	455074	3404102	-0.15	1.21	-0.05	0.02	-0.10	0.18	Cumberland
8788	455032	3404165	455086	3404150	-0.12	1.13	-0.03	0.01	-0.07	0.11	Cumberland
8789	455037	3404215	455098	3404198	-0.10	1.31	0.01	0.00	-0.04	0.03	Cumberland
8790	455054	3404262	455109	3404247	-0.10	1.13	-0.02	0.00	-0.02	0.01	Cumberland
8791	455070	3404309	455124	3404295	-0.18	1.24	-0.08	0.06	-0.15	0.28	Cumberland
8792	455083	3404358	455135	3404344	-0.17	1.22	-0.07	0.04	-0.16	0.33	Cumberland
8793	455090	3404407	455145	3404395	-0.01	0.99	0.06	0.04	0.10	0.20	Cumberland
8794	455103	3404455	455155	3404445	-0.16	1.18	-0.06	0.04	-0.16	0.35	Cumberland
8795	455107	3404504	455170	3404495	0.05	1.03	0.03	0.01	0.12	0.21	Cumberland
8796	455111	3404554	455180	3404547	0.05	1.22	0.07	0.04	0.09	0.12	Cumberland
8797	455120	3404603	455181	3404599	-0.11	1.23	-0.04	0.02	-0.14	0.30	Cumberland
8798	455124	3404653	455183	3404654	-0.01	1.02	0.07	0.03	0.20	0.37	Cumberland
8799	455124	3404703	455178	3404708	-0.01	0.93	0.07	0.04	0.13	0.28	Cumberland
8800	455121	3404753	455179	3404760	-0.07	1.07	0.02	0.00	0.08	0.11	Cumberland
8801	455119	3404803	455175	3404812	0.06	0.94	0.11	0.10	0.26	0.52	Cumberland
8802	455108	3404851	455186	3404866	0.05	1.33	0.14	0.07	0.35	0.49	Cumberland
8803	455101	3404901	455145	3404911	0.09	0.70	0.14	0.26	0.22	0.64	Cumberland
8804	455090	3404949	455138	3404961	0.14	0.69	0.19	0.40	0.25	0.72	Cumberland
8805	455083	3404998	455134	3405013	0.11	0.91	0.19	0.32	0.19	0.55	Cumberland
8806	455079	3405048	455124	3405062	0.14	0.83	0.22	0.46	0.19	0.64	Cumberland
8807	455071	3405097	455115	3405109	0.17	0.68	0.22	0.59	0.20	0.76	Cumberland
8808	455056	3405145	455094	3405155	0.00	0.82	0.08	0.11	-0.05	0.09	Cumberland
8809	455035	3405190	455070	3405199	-0.05	0.85	0.01	0.00	-0.02	0.03	Cumberland
8810	455028	3405239	455055	3405248	-0.10	0.56	-0.06	0.12	-0.07	0.39	Cumberland
8811	455004	3405283	455040	3405296	-0.05	0.89	0.01	0.00	-0.02	0.02	Cumberland
8812	454990	3405330	455024	3405342	-0.17	0.67	-0.13	0.35	-0.11	0.45	Cumberland
8813	454982	3405379	455013	3405391	-0.15	0.32	-0.12	0.64	-0.17	0.88	Cumberland
8814	454960	3405424	454987	3405434	-0.14	0.38	-0.10	0.42	-0.17	0.80	Cumberland
8815	454930	3405464	454958	3405476	-0.14	0.54	-0.08	0.21	-0.18	0.70	Cumberland
8816	454909	3405509	454942	3405523	-0.08	0.56	-0.02	0.01	-0.22	0.61	Cumberland
8817	454875	3405544	454902	3405560	-0.02	0.63	0.04	0.04	-0.06	0.20	Cumberland
8818	454845	3405584	454881	3405609	-0.21	0.85	-0.14	0.27	-0.29	0.78	Cumberland
8819	454814	3405624	454851	3405648	-0.11	0.89	-0.04	0.03	-0.18	0.58	Cumberland
8820	454795	3405670	454828	3405692	-0.14	0.70	-0.07	0.12	-0.22	0.69	Cumberland
8821	454771	3405713	454808	3405739	-0.18	0.77	-0.10	0.16	-0.30	0.74	Cumberland
8822	454733	3405745	454762	3405766	-0.09	0.83	-0.03	0.02	-0.06	0.17	Cumberland
8823	454703	3405785	454733	3405810	-0.14	0.82	-0.08	0.12	-0.14	0.54	Cumberland
8824	454675	3405826	454700	3405847	-0.14	0.73	-0.09	0.18	-0.11	0.49	Cumberland
8825	454644	3405865	454673	3405890	-0.15	0.83	-0.09	0.15	-0.14	0.52	Cumberland
8826	454613	3405904	454639	3405926	-0.14	0.77	-0.09	0.16	-0.10	0.38	Cumberland
8827	454575	3405935	454606	3405962	0.03	0.99	0.08	0.12	0.03	0.03	Cumberland
8828	454541	3405972	454572	3406000	-0.23	0.93	-0.17	0.32	-0.15	0.46	Cumberland
8829	454511	3406011	454556	3406055	-0.35	0.21	-0.37	0.98	-0.35	0.96	Cumberland
8830	454480	3406050	454524	3406089	-0.37	0.69	-0.29	0.69	-0.40	0.89	Cumberland
8831	454445	3406086	454471	3406108	-0.19	0.71	-0.14	0.32	-0.12	0.45	Cumberland
8832	454409	3406121	454439	3406147	-0.21	0.59	-0.18	0.52	-0.12	0.51	Cumberland
8833	454375	3406157	454396	3406177	-0.06	0.51	-0.04	0.06	0.04	0.10	Cumberland
8834	454344	3406197	454381	3406237	-0.33	0.55	-0.28	0.73	-0.41	0.92	Cumberland
8835	454312	3406236	454348	3406264	-0.26	0.32	-0.24	0.90	-0.27	0.97	Cumberland
8836	454280	3406274	454311	3406296	-0.21	0.24	-0.21	0.94	-0.23	0.97	Cumberland
8837	454240	3406301	454262	3406317	0.07	0.27	0.05	0.17	0.16	0.70	Cumberland
8838	454199	3406330	454228	3406348	-0.10	0.70	-0.06	0.08	0.00	0.00	Cumberland
8839	454178	3406373	454208	3406390	-0.18	0.75	-0.13	0.35	-0.16	0.65	Cumberland
8840	454154	3406416	454191	3406434	-0.23	0.65	-0.19	0.60	-0.27	0.86	Cumberland
8841	454122	3406455	454180	3406475	-0.39	0.81	-0.31	0.64	-0.47	0.89	Cumberland
8842	454088	3406491	454145	3406508	-0.37	0.81	-0.30	0.59	-0.31	0.80	Cumberland
8843	454080	3406536	454168	3406556	-0.59	0.63	-0.55	0.89	-0.72	0.96	Cumberland
8844	454072	3406585	454173	3406606	-0.60	1.49	-0.73	0.76	-0.64	0.81	Cumberland
8845	454068	3406635	454167	3406655	-0.69	1.11	-0.68	0.80	-0.91	0.92	Cumberland
8846	454067	3406685	454168	3406697	-0.67	0.83	-0.67	0.76	-0.97	0.91	Cumberland
8847	454059	3406734	454131	3406745	-0.46	0.87	-0.47	0.78	-0.60	0.90	Cumberland
8848	454051	3406783	454129	3406797	-0.46	0.86	-0.46	0.69	-0.66	0.89	Cumberland
8849	454051	3406833	454110	3406842	-0.32	0.81	-0.34	0.68	-0.45	0.86	Cumberland
8850	454058	3406883	454101	3406886	-0.25	0.62	-0.25	0.75	-0.31	0.88	Cumberland
8851	454057	3406933	454113	3406930	-0.34	1.09	-0.25	0.42	-0.45	0.83	Cumberland
8852	454060	3406980	454090	3406975	-0.12	0.64	-0.08	0.16	-0.06	0.25	Cumberland
8853	454073	3407028	454110	3407021	-0.13	0.48	-0.10	0.21	0.00	0.00	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8854	454101	3407069	454134	3407060	-0.09	0.62	-0.05	0.05	0.04	0.07	Cumberland
8855	454122	3407115	454158	3407101	-0.08	0.62	-0.04	0.03	0.07	0.15	Cumberland
8856	454143	3407160	454177	3407142	-0.11	0.63	-0.06	0.08	0.00	0.00	Cumberland
8857	454164	3407205	454202	3407184	-0.11	0.75	-0.07	0.08	0.00	0.00	Cumberland
8858	454188	3407249	454226	3407226	-0.11	0.70	-0.07	0.06	0.04	0.04	Cumberland
8859	454213	3407293	454253	3407269	-0.12	0.69	-0.08	0.08	0.04	0.04	Cumberland
8860	454240	3407335	454275	3407311	-0.11	0.70	-0.06	0.05	0.03	0.03	Cumberland
8861	454267	3407377	454299	3407355	-0.09	0.59	-0.05	0.05	0.06	0.10	Cumberland
8862	454294	3407418	454329	3407393	-0.09	0.68	-0.05	0.04	0.05	0.06	Cumberland
8863	454320	3407461	454359	3407431	-0.17	0.93	-0.11	0.15	-0.07	0.11	Cumberland
8864	454345	3407505	454394	3407468	-0.18	1.22	-0.12	0.10	-0.03	0.01	Cumberland
8865	454372	3407547	454419	3407518	-0.23	0.97	-0.18	0.28	-0.11	0.21	Cumberland
8866	454401	3407587	454455	3407557	-0.22	1.14	-0.19	0.27	-0.05	0.04	Cumberland
8867	454444	3407611	454488	3407590	-0.22	1.02	-0.16	0.27	-0.17	0.41	Cumberland
8868	454475	3407647	454512	3407630	-0.01	0.98	0.04	0.03	-0.02	0.01	Cumberland
8869	454450	3407678	454524	3407652	-0.41	1.34	-0.35	0.47	-0.25	0.44	Cumberland
8870	454470	3407724	454506	3407710	-0.08	0.63	-0.04	0.04	0.00	0.00	Cumberland
8871	454487	3407770	454520	3407760	-0.08	0.57	-0.04	0.03	0.01	0.01	Cumberland
8872	454499	3407819	454527	3407812	-0.06	0.41	-0.03	0.03	0.02	0.03	Cumberland
8873	454504	3407868	454536	3407861	-0.10	0.53	-0.06	0.09	-0.01	0.01	Cumberland
8874	454518	3407916	454559	3407905	-0.20	0.89	-0.17	0.44	-0.18	0.52	Cumberland
8875	454532	3407964	454557	3407957	-0.13	0.49	-0.10	0.39	-0.14	0.65	Cumberland
8876	454539	3408014	454569	3408005	-0.07	0.59	-0.04	0.06	-0.01	0.01	Cumberland
8877	454545	3408063	454578	3408053	-0.13	0.66	-0.07	0.10	-0.07	0.22	Cumberland
8878	454554	3408113	454587	3408102	-0.14	0.53	-0.11	0.24	-0.04	0.10	Cumberland
8879	454564	3408162	454605	3408150	-0.12	0.66	-0.09	0.10	0.06	0.08	Cumberland
8880	454578	3408209	454616	3408198	-0.11	0.47	-0.09	0.15	0.03	0.04	Cumberland
8881	454597	3408256	454638	3408241	-0.21	0.51	-0.17	0.42	-0.09	0.27	Cumberland
8882	454623	3408298	454653	3408285	-0.10	0.46	-0.07	0.14	0.03	0.04	Cumberland
8883	454643	3408344	454663	3408333	-0.01	0.30	0.02	0.03	0.01	0.02	Cumberland
8884	454653	3408393	454680	3408376	0.12	0.22	0.14	0.58	0.02	0.05	Cumberland
8885	454637	3408438	454693	3408399	0.18	1.14	0.23	0.36	0.00	0.00	Cumberland
8886	454640	3408487	454720	3408423	0.58	0.97	0.62	0.75	0.31	0.54	Cumberland
8887	454628	3408535	454741	3408441	0.77	1.50	0.86	0.70	0.36	0.39	Cumberland
8888	454614	3408583	454764	3408461	1.23	1.29	1.31	0.79	0.65	0.55	Cumberland
8889	454613	3408633	454791	3408487	1.52	1.58	1.60	0.78	0.80	0.54	Cumberland
8890	454634	3408678	454839	3408535	1.70	1.88	1.76	0.75	0.85	0.50	Cumberland
8891	454661	3408718	454876	3408598	1.67	1.86	1.73	0.73	0.77	0.43	Cumberland
8892	454681	3408764	454901	3408661	1.67	1.89	1.72	0.74	0.83	0.49	Cumberland
8893	454703	3408808	454928	3408716	1.66	1.80	1.72	0.74	0.80	0.47	Cumberland
8894	454733	3408848	454947	3408763	1.61	1.70	1.65	0.73	0.76	0.44	Cumberland
8895	454758	3408891	454954	3408809	1.40	1.53	1.47	0.72	0.59	0.35	Cumberland
8896	454774	3408938	454952	3408883	1.13	1.23	1.24	0.80	0.61	0.55	Cumberland
8897	454807	3408974	455105	3408909	0.77	1.54	0.93	0.79	0.51	0.60	Cumberland
8898	454854	3408987	455106	3408950	0.60	8.81	0.56	0.08	1.56	0.42	Cumberland
8899	454876	3409030	455100	3409010	-0.06	8.06	0.02	0.00	0.48	0.09	Cumberland
8900	454901	3409067	455084	3409059	0.00	6.95	0.02	0.00	0.49	0.12	Cumberland
8901	454870	3409107	455061	3409111	-0.06	6.68	0.06	0.00	0.28	0.05	Cumberland
8902	454868	3409155	455029	3409174	0.11	5.51	0.18	0.03	0.41	0.15	Cumberland
8903	454840	3409193	455050	3409251	0.11	7.88	0.24	0.02	0.27	0.04	Cumberland
8904	454797	3409207	454998	3409295	0.10	6.41	0.48	0.09	0.23	0.05	Cumberland
8905	454839	3409223	455005	3409284	0.12	5.26	0.26	0.06	0.17	0.04	Cumberland
8906	454873	3409255	454998	3409295	0.13	3.89	0.25	0.09	0.32	0.19	Cumberland
8907	454869	3409303	454976	3409355	-0.07	3.79	0.01	0.00	0.23	0.10	Cumberland
8908	454859	3409352	454955	3409407	-0.06	3.53	0.01	0.00	0.06	0.01	Cumberland
8909	454850	3409401	454953	3409465	0.08	3.81	0.13	0.03	0.26	0.13	Cumberland
8910	454839	3409448	454950	3409542	0.30	4.96	0.28	0.08	0.64	0.31	Cumberland
8911	454814	3409491	454925	3409593	0.10	5.10	0.15	0.02	0.50	0.21	Cumberland
8912	454789	3409534	454879	3409608	0.00	3.45	0.10	0.02	0.19	0.10	Cumberland
8913	454771	3409580	454814	3409619	-0.01	1.46	0.10	0.06	-0.12	0.20	Cumberland
8914	454753	3409623	454775	3409652	-0.17	0.71	-0.10	0.18	-0.20	0.64	Cumberland
8915	454704	3409631	454731	3409686	0.24	0.49	0.29	0.75	0.14	0.50	Cumberland
8916	454658	3409650	454703	3409729	0.44	0.78	0.50	0.61	0.11	0.09	Cumberland
8917	454624	3409676	454666	3409764	0.51	1.79	0.54	0.62	0.32	0.48	Cumberland
8918	454584	3409699	454613	3409771	0.38	0.75	0.41	0.58	0.09	0.09	Cumberland
8919	454538	3409716	454560	3409763	0.25	0.57	0.27	0.60	0.08	0.18	Cumberland
8920	454493	3409723	454515	3409778	0.11	1.14	0.16	0.25	0.22	0.52	Cumberland
8921	454481	3409766	454489	3409790	-0.07	0.33	-0.07	0.40	-0.12	0.74	Cumberland
8922	454440	3409752	454451	3409788	0.05	0.27	0.03	0.05	0.16	0.66	Cumberland
8923	454414	3409758	454432	3409791	0.09	0.29	0.09	0.29	0.19	0.76	Cumberland
8924	454389	3409798	454411	3409832	-0.22	0.41	-0.20	0.80	-0.23	0.93	Cumberland
8925	454345	3409822	454371	3409866	-0.31	0.36	-0.30	0.76	-0.19	0.69	Cumberland
8926	454299	3409839	454331	3409879	0.09	0.80	0.13	0.18	0.25	0.61	Cumberland
8927	454280	3409880	454307	3409903	-0.14	0.51	-0.10	0.25	-0.05	0.17	Cumberland
8928	454241	3409909	454266	3409926	0.03	0.69	0.05	0.10	0.07	0.27	Cumberland
8929	454207	3409941	454236	3409958	-0.02	0.58	0.00	0.00	-0.09	0.38	Cumberland
8930	454162	3409957	454203	3409978	0.07	1.21	0.13	0.18	0.01	0.00	Cumberland
8931	454162	3410003	454234	3410025	-0.47	0.36	-0.44	0.91	-0.38	0.94	Cumberland
8932	454158	3410049	454207	3410065	-0.28	0.91	-0.19	0.34	-0.36	0.79	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
8933	454143	3410094	454201	3410103	-0.36	0.96	-0.28	0.52	-0.31	0.78	Cumberland
8934	454118	3410138	454186	3410134	-0.43	0.60	-0.39	0.81	-0.34	0.88	Cumberland
8935	454108	3410185	454188	3410167	-0.53	0.60	-0.55	0.89	-0.41	0.88	Cumberland
8936	454132	3410228	454203	3410208	-0.47	0.58	-0.48	0.88	-0.35	0.87	Cumberland
8937	454144	3410275	454212	3410243	-0.48	0.74	-0.49	0.85	-0.37	0.84	Cumberland
8938	454136	3410311	454222	3410258	-0.64	0.78	-0.63	0.89	-0.52	0.90	Cumberland
8939	454175	3410332	454232	3410268	-0.56	0.40	-0.55	0.90	-0.43	0.91	Cumberland
8940	454176	3410380	454240	3410274	-0.74	1.24	-0.63	0.71	-0.59	0.84	Cumberland
8941	454149	3410417	454240	3410274	-1.18	1.49	-1.08	0.76	-0.79	0.77	Cumberland
8942	454171	3410453	454331	3410307	-1.54	0.99	-1.54	0.93	-1.16	0.90	Cumberland
8943	454215	3410433	454332	3410326	-0.91	0.79	-0.90	0.95	-0.80	0.96	Cumberland
8944	454256	3410435	454345	3410365	-0.77	0.56	-0.74	0.95	-0.68	0.97	Cumberland
8945	454295	3410466	454398	3410391	-0.87	1.58	-0.81	0.85	-0.80	0.91	Cumberland
8946	454334	3410498	454439	3410427	-0.86	1.72	-0.76	0.78	-0.93	0.92	Cumberland
8947	454368	3410534	454430	3410490	-0.49	0.61	-0.47	0.91	-0.43	0.93	Cumberland
8948	454402	3410571	454466	3410523	-0.52	0.58	-0.47	0.89	-0.56	0.97	Cumberland
8949	454416	3410617	454473	3410571	-0.47	1.41	-0.35	0.49	-0.48	0.82	Cumberland
8950	454410	3410666	454487	3410585	-0.49	1.10	-0.41	0.54	-0.30	0.60	Cumberland
8951	454367	3410684	454479	3410577	-0.40	1.41	-0.30	0.35	-0.22	0.38	Cumberland
8952	454371	3410721	454491	3410589	-1.03	3.97	-0.73	0.28	-0.57	0.36	Cumberland
8953	454420	3410729	454651	3410584	-1.95	3.17	-1.60	0.69	-2.62	0.89	Cumberland
8954	454470	3410733	454696	3410604	-0.59	0.95	-0.64	0.75	-0.66	0.68	Cumberland
8955	454519	3410726	454696	3410628	-1.21	2.43	-0.98	0.66	-1.44	0.87	Cumberland
8956	454554	3410751	454696	3410682	-0.01	0.19	0.01	0.01	-0.08	0.41	Cumberland
8957	454582	3410792	454613	3410781	-0.16	0.57	-0.11	0.29	-0.13	0.54	Cumberland
8958	454595	3410839	454628	3410835	-0.01	0.53	0.04	0.05	-0.15	0.42	Cumberland
8959	454599	3410888	454663	3410893	0.18	0.81	0.26	0.37	-0.10	0.08	Cumberland
8960	454592	3410935	454703	3410942	0.67	0.71	0.72	0.78	0.33	0.45	Cumberland
8961	454608	3410982	454685	3410992	0.23	1.59	0.33	0.39	-0.03	0.01	Cumberland
8962	454609	3411027	454681	3411044	-0.03	1.29	0.11	0.04	-0.44	0.44	Cumberland
8963	454565	3411046	454645	3411068	0.19	0.94	0.28	0.32	-0.15	0.14	Cumberland
8964	454520	3411044	454636	3411085	-0.78	1.95	-0.64	0.64	-0.87	0.81	Cumberland
8965	454529	3411092	454641	3411145	-0.85	0.26	-0.84	0.99	-0.92	0.99	Cumberland
8966	454537	3411142	454581	3411163	-0.29	0.48	-0.27	0.89	-0.29	0.91	Cumberland
8967	454516	3411173	454587	3411199	0.05	1.30	0.16	0.14	0.17	0.29	Cumberland
8968	454543	3411206	454590	3411217	-0.28	0.85	-0.22	0.48	-0.27	0.70	Cumberland
8969	454523	3411247	454602	3411264	-0.47	1.36	-0.33	0.42	-0.55	0.80	Cumberland
8970	454477	3411257	454602	3411266	-0.54	2.96	-0.24	0.08	-0.69	0.61	Cumberland
8971	454502	3411292	454566	3411289	-0.40	0.65	-0.34	0.77	-0.42	0.91	Cumberland
8972	454512	3411340	454629	3411323	-0.65	2.97	-0.58	0.46	-0.46	0.43	Cumberland
8973	454533	3411385	454607	3411368	-0.34	1.25	-0.30	0.46	-0.15	0.24	Cumberland
8974	454550	3411430	454597	3411409	-0.06	0.54	-0.06	0.05	0.14	0.33	Cumberland
8975	454579	3411460	454615	3411441	-0.15	0.52	-0.13	0.32	-0.05	0.11	Cumberland
8976	454614	3411493	454658	3411472	0.13	0.23	0.13	0.56	0.23	0.83	Cumberland
8977	454660	3411507	454700	3411496	0.05	1.01	0.12	0.18	-0.05	0.04	Cumberland
8978	454685	3411549	454748	3411535	0.18	0.89	0.27	0.46	-0.01	0.00	Cumberland
8979	454717	3411588	454753	3411582	-0.05	0.63	-0.02	0.02	-0.17	0.49	Cumberland
8980	454716	3411629	454760	3411623	-0.03	0.86	0.05	0.04	-0.17	0.33	Cumberland
8981	454688	3411670	454779	3411670	0.45	0.96	0.52	0.71	0.18	0.21	Cumberland
8982	454656	3411708	454768	3411717	0.58	1.23	0.64	0.69	0.22	0.20	Cumberland
8983	454642	3411753	454693	3411762	0.01	1.38	0.10	0.09	-0.05	0.03	Cumberland
8984	454628	3411797	454703	3411809	0.38	0.83	0.43	0.69	0.14	0.19	Cumberland
8985	454643	3411845	454713	3411855	0.14	1.02	0.21	0.38	-0.02	0.00	Cumberland
8986	454650	3411894	454708	3411902	0.14	1.04	0.18	0.40	0.06	0.07	Cumberland
8987	454670	3411939	454724	3411942	0.01	0.88	0.09	0.11	0.08	0.19	Cumberland
8988	454680	3411988	454709	3411987	0.00	0.49	0.05	0.10	-0.08	0.26	Cumberland
8989	454695	3412035	454724	3412038	-0.07	0.45	-0.04	0.10	-0.03	0.07	Cumberland
8990	454662	3412072	454686	3412074	-0.02	0.00	-0.02	0.00	-0.02	0.00	Cumberland
8991	454643	3412114	454679	3412124	0.11	0.60	0.11	0.33	0.02	0.03	Cumberland
8992	454653	3412159	454698	3412177	NA	NA	NA	0.00	NA	0.00	Cumberland
8993	454677	3412194	454700	3412207	-0.07	0.23	-0.05	0.19	-0.16	0.63	Cumberland
8994	454647	3412233	454702	3412271	0.21	0.83	0.25	0.38	-0.04	0.01	Cumberland
8995	454623	3412277	454697	3412319	0.43	0.70	0.47	0.60	0.08	0.05	Cumberland
8996	454596	3412319	454616	3412333	-0.01	0.29	0.03	0.05	-0.10	0.36	Cumberland
8997	454559	3412353	454575	3412369	0.05	0.34	0.08	0.36	-0.02	0.04	Cumberland
8998	454525	3412389	454535	3412400	-0.01	0.14	0.01	0.03	-0.01	0.16	Cumberland
8999	454498	3412431	454517	3412453	-0.05	0.00	-0.05	0.00	-0.05	0.00	Cumberland
9000	454461	3412463	454487	3412484	0.23	0.59	0.18	0.44	0.10	0.38	Cumberland
9001	454418	3412488	454457	3412516	0.26	0.17	0.27	0.96	0.22	0.94	Cumberland
9002	454372	3412506	454420	3412530	0.26	0.32	0.29	0.89	0.20	0.83	Cumberland
9003	454328	3412528	454384	3412547	0.10	0.81	0.19	0.28	-0.12	0.15	Cumberland
9004	454311	3412573	454390	3412590	-0.21	1.31	-0.09	0.03	-0.66	0.61	Cumberland
9005	454325	3412620	454389	3412627	-0.21	1.18	-0.11	0.08	-0.48	0.62	Cumberland
9006	454352	3412663	454390	3412662	-0.16	0.75	-0.10	0.23	-0.25	0.64	Cumberland
9007	454371	3412709	454396	3412704	-0.07	0.39	-0.05	0.29	-0.07	0.48	Cumberland
9008	454382	3412757	454419	3412745	-0.19	0.57	-0.14	0.36	-0.32	0.75	Cumberland
9009	454389	3412807	454427	3412791	-0.02	0.61	0.03	0.01	-0.25	0.48	Cumberland
9010	454394	3412857	454443	3412833	0.06	0.75	0.12	0.10	-0.25	0.35	Cumberland
9011	454411	3412904	454451	3412877	-0.03	0.81	0.05	0.02	-0.32	0.48	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9012	454434	3412948	454478	3412915	-0.14	0.92	-0.04	0.01	-0.42	0.60	Cumberland
9013	454468	3412983	454531	3412928	-0.07	0.54	-0.02	0.01	-0.23	0.59	Cumberland
9014	454504	3413019	454526	3412995	-0.06	0.49	-0.02	0.02	-0.20	0.56	Cumberland
9015	454543	3413049	454564	3413021	-0.12	0.48	-0.08	0.19	-0.26	0.69	Cumberland
9016	454584	3413077	454598	3413057	-0.07	0.23	-0.05	0.25	-0.15	0.72	Cumberland
9017	454625	3413106	454644	3413074	-0.15	0.42	-0.13	0.55	-0.23	0.79	Cumberland
9018	454665	3413137	454675	3413116	-0.09	0.45	-0.08	0.48	-0.09	0.56	Cumberland
9019	454708	3413161	454718	3413134	-0.15	0.51	-0.13	0.58	-0.19	0.75	Cumberland
9020	454752	3413186	454766	3413152	-0.19	0.53	-0.18	0.74	-0.24	0.82	Cumberland
9021	454795	3413211	454809	3413171	-0.22	0.34	-0.22	0.91	-0.21	0.93	Cumberland
9022	454839	3413235	454862	3413182	-0.30	0.28	-0.29	0.94	-0.26	0.95	Cumberland
9023	454884	3413257	454907	3413204	-0.36	0.34	-0.33	0.92	-0.36	0.97	Cumberland
9024	454929	3413278	454953	3413226	-0.36	0.23	-0.33	0.96	-0.34	0.98	Cumberland
9025	454975	3413299	454998	3413246	-0.35	0.28	-0.34	0.96	-0.34	0.97	Cumberland
9026	455020	3413320	455051	3413258	-0.44	0.21	-0.45	0.98	-0.40	0.97	Cumberland
9027	455060	3413350	455094	3413293	-0.42	0.36	-0.40	0.93	-0.36	0.95	Cumberland
9028	455099	3413380	455140	3413323	-0.45	0.38	-0.45	0.93	-0.37	0.94	Cumberland
9029	455138	3413413	455191	3413351	-0.53	0.32	-0.52	0.97	-0.49	0.98	Cumberland
9030	455176	3413445	455236	3413388	-0.55	0.36	-0.52	0.97	-0.53	0.98	Cumberland
9031	455214	3413477	455272	3413429	-0.49	0.41	-0.46	0.95	-0.48	0.97	Cumberland
9032	455250	3413512	455308	3413474	-0.42	0.41	-0.39	0.93	-0.43	0.96	Cumberland
9033	455283	3413549	455326	3413525	-0.29	0.38	-0.25	0.85	-0.32	0.93	Cumberland
9034	455303	3413595	455344	3413578	-0.26	0.37	-0.24	0.89	-0.26	0.92	Cumberland
9035	455321	3413642	455358	3413625	-0.23	0.68	-0.21	0.69	-0.29	0.80	Cumberland
9036	455331	3413690	455369	3413676	-0.17	0.92	-0.14	0.34	-0.26	0.62	Cumberland
9037	455338	3413740	455379	3413727	-0.15	1.28	-0.13	0.20	-0.24	0.47	Cumberland
9038	455362	3413783	455395	3413774	-0.18	0.53	-0.17	0.71	-0.23	0.81	Cumberland
9039	455375	3413832	455438	3413818	-0.41	0.83	-0.32	0.52	-0.65	0.83	Cumberland
9040	455379	3413881	455412	3413876	-0.18	0.44	-0.15	0.65	-0.25	0.82	Cumberland
9041	455382	3413931	455421	3413927	-0.22	0.52	-0.18	0.60	-0.31	0.82	Cumberland
9042	455379	3413981	455424	3413979	-0.26	0.63	-0.21	0.60	-0.34	0.82	Cumberland
9043	455367	3414029	455417	3414031	-0.30	0.71	-0.24	0.64	-0.31	0.81	Cumberland
9044	455356	3414078	455406	3414088	-0.31	0.54	-0.26	0.76	-0.29	0.87	Cumberland
9045	455342	3414126	455391	3414142	-0.31	0.51	-0.27	0.76	-0.30	0.89	Cumberland
9046	455328	3414174	455376	3414192	-0.31	0.51	-0.26	0.75	-0.34	0.92	Cumberland
9047	455308	3414220	455353	3414240	-0.30	0.39	-0.26	0.81	-0.36	0.92	Cumberland
9048	455285	3414264	455330	3414288	-0.31	0.43	-0.27	0.76	-0.41	0.90	Cumberland
9049	455258	3414306	455307	3414335	-0.33	0.45	-0.28	0.75	-0.44	0.91	Cumberland
9050	455228	3414346	455271	3414375	-0.32	0.40	-0.29	0.86	-0.39	0.95	Cumberland
9051	455197	3414385	455245	3414423	-0.39	0.35	-0.35	0.89	-0.46	0.96	Cumberland
9052	455166	3414424	455214	3414466	-0.40	0.39	-0.36	0.91	-0.45	0.97	Cumberland
9053	455135	3414463	455176	3414507	-0.37	0.32	-0.34	0.93	-0.40	0.97	Cumberland
9054	455101	3414501	455140	3414543	-0.36	0.19	-0.34	0.97	-0.37	0.99	Cumberland
9055	455064	3414534	455118	3414601	-0.37	0.20	-0.35	0.97	-0.41	0.98	Cumberland
9056	455025	3414566	455057	3414615	-0.36	0.39	-0.32	0.87	-0.43	0.94	Cumberland
9057	454987	3414598	455019	3414652	-0.37	0.41	-0.34	0.87	-0.47	0.92	Cumberland
9058	454948	3414629	454968	3414671	-0.27	0.28	-0.26	0.85	-0.36	0.92	Cumberland
9059	454906	3414655	454923	3414697	-0.26	0.25	-0.24	0.80	-0.36	0.92	Cumberland
9060	454860	3414675	454880	3414727	-0.33	0.53	-0.28	0.65	-0.48	0.88	Cumberland
9061	454814	3414695	454827	3414736	-0.24	0.46	-0.19	0.59	-0.35	0.86	Cumberland
9062	454769	3414716	454779	3414748	-0.18	0.38	-0.14	0.51	-0.26	0.84	Cumberland
9063	454723	3414736	454731	3414761	-0.12	0.30	-0.09	0.42	-0.19	0.82	Cumberland
9064	454676	3414753	454683	3414776	-0.08	0.36	-0.04	0.12	-0.11	0.64	Cumberland
9065	454630	3414772	454636	3414788	-0.01	0.25	0.01	0.02	-0.03	0.25	Cumberland
9066	454582	3414785	454589	3414804	0.02	0.30	0.04	0.21	-0.03	0.11	Cumberland
9067	454534	3414800	454545	3414822	0.07	0.36	0.09	0.51	0.02	0.07	Cumberland
9068	454487	3414819	454502	3414842	0.07	0.40	0.09	0.43	0.00	0.00	Cumberland
9069	454442	3414839	454460	3414861	0.04	0.47	0.07	0.26	-0.04	0.07	Cumberland
9070	454403	3414871	454425	3414890	0.15	0.27	0.16	0.89	0.13	0.85	Cumberland
9071	454368	3414906	454390	3414921	0.07	0.33	0.10	0.55	0.06	0.48	Cumberland
9072	454347	3414950	454369	3414962	-0.02	0.39	0.01	0.02	-0.02	0.08	Cumberland
9073	454330	3414997	454355	3415009	-0.02	0.41	0.02	0.04	0.00	0.00	Cumberland
9074	454310	3415043	454341	3415055	-0.08	0.58	-0.02	0.02	-0.12	0.52	Cumberland
9075	454297	3415091	454340	3415106	0.00	0.38	0.02	0.03	0.09	0.43	Cumberland
9076	454281	3415138	454315	3415152	-0.16	0.42	-0.13	0.42	-0.08	0.36	Cumberland
9077	454262	3415185	454294	3415200	-0.18	0.33	-0.16	0.64	-0.11	0.61	Cumberland
9078	454242	3415230	454265	3415245	-0.14	0.38	-0.10	0.44	-0.12	0.71	Cumberland
9079	454218	3415274	454238	3415292	-0.11	0.26	-0.09	0.57	-0.10	0.83	Cumberland
9080	454176	3415301	454210	3415345	NA	NA	NA	0.00	NA	0.00	Cumberland
9081	454137	3415332	454160	3415365	-0.23	0.29	-0.20	0.82	-0.19	0.91	Cumberland
9082	454095	3415358	454112	3415394	-0.22	0.27	-0.20	0.82	-0.17	0.87	Cumberland
9083	454048	3415377	454064	3415417	-0.24	0.26	-0.22	0.86	-0.20	0.91	Cumberland
9084	454000	3415389	454006	3415426	-0.20	0.28	-0.18	0.75	-0.14	0.81	Cumberland
9085	453950	3415395	453953	3415467	-0.46	0.71	-0.39	0.74	-0.60	0.90	Cumberland
9086	453900	3415395	453892	3415470	-0.23	0.31	-0.23	0.92	-0.21	0.93	Cumberland
9087	453854	3415379	453829	3415478	-0.31	0.56	-0.32	0.88	-0.29	0.91	Cumberland
9088	453811	3415354	453778	3415445	-0.64	0.57	-0.61	0.89	-0.82	0.92	Cumberland
9089	453774	3415321	453744	3415384	-0.45	0.50	-0.43	0.91	-0.54	0.94	Cumberland
9090	453737	3415287	453703	3415331	-0.33	0.29	-0.32	0.95	-0.39	0.96	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9091	453705	3415248	453668	3415289	-0.34	0.60	-0.32	0.87	-0.40	0.90	Cumberland
9092	453674	3415209	453629	3415246	-0.36	0.53	-0.35	0.90	-0.42	0.93	Cumberland
9093	453642	3415170	453601	3415205	-0.33	0.42	-0.32	0.93	-0.36	0.95	Cumberland
9094	453608	3415134	453575	3415161	-0.24	0.46	-0.23	0.77	-0.34	0.87	Cumberland
9095	453577	3415095	453552	3415116	-0.15	0.46	-0.14	0.53	-0.25	0.78	Cumberland
9096	453549	3415054	453527	3415075	-0.05	0.54	-0.05	0.10	-0.15	0.55	Cumberland
9097	453514	3415017	453498	3415036	0.01	0.38	0.02	0.03	-0.09	0.35	Cumberland
9098	453482	3414979	453463	3415006	0.07	0.46	0.08	0.24	-0.04	0.06	Cumberland
9099	453448	3414942	453431	3414976	0.11	0.54	0.11	0.32	-0.02	0.01	Cumberland
9100	453412	3414909	453395	3414958	0.25	0.49	0.26	0.66	0.09	0.22	Cumberland
9101	453371	3414880	453356	3414953	0.48	0.37	0.50	0.86	0.31	0.74	Cumberland
9102	453323	3414870	453314	3414951	0.52	0.57	0.55	0.83	0.30	0.60	Cumberland
9103	453275	3414882	453274	3414960	0.50	0.50	0.53	0.84	0.29	0.63	Cumberland
9104	453229	3414901	453235	3414970	0.43	0.54	0.46	0.84	0.25	0.61	Cumberland
9105	453182	3414920	453191	3414981	0.38	0.48	0.42	0.87	0.26	0.71	Cumberland
9106	453134	3414932	453146	3414989	0.36	0.38	0.39	0.92	0.27	0.84	Cumberland
9107	453085	3414941	453099	3414997	0.36	0.36	0.38	0.96	0.33	0.95	Cumberland
9108	453035	3414945	453052	3415005	0.39	0.14	0.40	0.99	0.41	0.99	Cumberland
9109	452985	3414950	453006	3415013	0.42	0.15	0.42	0.98	0.46	0.99	Cumberland
9110	452935	3414956	452964	3415027	0.50	0.24	0.48	0.99	0.51	0.99	Cumberland
9111	452887	3414969	452923	3415043	0.55	0.15	0.54	0.99	0.53	1.00	Cumberland
9112	452840	3414986	452886	3415065	0.60	0.27	0.60	0.99	0.58	0.99	Cumberland
9113	452796	3415009	452852	3415086	0.63	0.35	0.63	0.99	0.64	0.99	Cumberland
9114	452756	3415038	452819	3415111	0.65	0.57	0.66	0.97	0.70	0.98	Cumberland
9115	452723	3415075	452790	3415142	0.63	0.83	0.65	0.94	0.67	0.96	Cumberland
9116	452695	3415116	452761	3415173	0.58	0.63	0.60	0.95	0.60	0.97	Cumberland
9117	452664	3415156	452735	3415208	0.58	0.40	0.60	0.98	0.58	0.99	Cumberland
9118	452641	3415200	452714	3415247	0.57	0.34	0.60	0.98	0.53	0.98	Cumberland
9119	452617	3415244	452691	3415286	0.56	0.15	0.58	0.99	0.55	1.00	Cumberland
9120	452598	3415290	452671	3415326	0.53	0.18	0.55	0.99	0.52	1.00	Cumberland
9121	452582	3415337	452651	3415367	0.49	0.46	0.53	0.94	0.50	0.97	Cumberland
9122	452568	3415385	452633	3415410	0.45	0.45	0.49	0.94	0.47	0.97	Cumberland
9123	452552	3415433	452617	3415454	0.44	0.28	0.46	0.96	0.49	0.98	Cumberland
9124	452536	3415480	452603	3415498	0.44	0.16	0.45	0.96	0.52	0.98	Cumberland
9125	452523	3415528	452593	3415543	0.47	0.18	0.47	0.96	0.54	0.98	Cumberland
9126	452508	3415576	452584	3415588	0.50	0.27	0.52	0.95	0.59	0.98	Cumberland
9127	452496	3415624	452580	3415633	0.56	0.16	0.56	0.98	0.62	0.99	Cumberland
9128	452486	3415673	452578	3415678	0.62	0.11	0.62	0.99	0.66	1.00	Cumberland
9129	452480	3415723	452577	3415721	0.65	0.23	0.66	0.99	0.66	1.00	Cumberland
9130	452472	3415772	452576	3415760	0.71	0.30	0.72	0.99	0.71	1.00	Cumberland
9131	452480	3415821	452576	3415801	0.65	0.48	0.70	0.96	0.57	0.96	Cumberland
9132	452492	3415870	452583	3415843	0.57	0.54	0.63	0.88	0.39	0.77	Cumberland
9133	452517	3415912	452596	3415882	0.45	0.59	0.51	0.80	0.25	0.54	Cumberland
9134	452550	3415950	452617	3415917	0.35	0.60	0.41	0.70	0.13	0.22	Cumberland
9135	452586	3415984	452641	3415951	0.32	0.44	0.37	0.75	0.15	0.37	Cumberland
9136	452622	3416018	452667	3415985	0.26	0.44	0.29	0.69	0.10	0.25	Cumberland
9137	452657	3416054	452695	3416022	0.18	0.57	0.22	0.57	0.05	0.10	Cumberland
9138	452695	3416085	452725	3416056	0.12	0.60	0.16	0.46	0.02	0.03	Cumberland
9139	452730	3416120	452760	3416090	0.13	0.72	0.17	0.50	0.08	0.29	Cumberland
9140	452768	3416152	452797	3416121	0.08	0.85	0.13	0.28	0.00	0.00	Cumberland
9141	452810	3416179	452833	3416153	0.06	0.71	0.09	0.23	-0.01	0.00	Cumberland
9142	452851	3416208	452870	3416185	0.02	0.54	0.07	0.19	0.00	0.00	Cumberland
9143	452893	3416235	452909	3416215	0.06	0.34	0.08	0.49	0.06	0.56	Cumberland
9144	452934	3416263	452949	3416244	-0.03	0.40	0.01	0.00	-0.05	0.34	Cumberland
9145	452976	3416291	452988	3416275	0.02	0.27	0.05	0.31	0.03	0.33	Cumberland
9146	453015	3416322	453027	3416305	-0.02	0.33	0.01	0.01	-0.01	0.04	Cumberland
9147	453055	3416351	453070	3416331	-0.09	0.41	-0.05	0.14	-0.04	0.23	Cumberland
9148	453095	3416382	453111	3416357	-0.04	0.45	0.00	0.00	0.03	0.11	Cumberland
9149	453138	3416407	453153	3416383	-0.02	0.41	0.01	0.01	0.05	0.24	Cumberland
9150	453182	3416431	453194	3416409	-0.11	0.48	-0.07	0.20	-0.08	0.51	Cumberland
9151	453224	3416458	453237	3416433	-0.08	0.58	-0.04	0.05	-0.04	0.17	Cumberland
9152	453270	3416474	453280	3416454	-0.09	0.36	-0.06	0.24	-0.05	0.41	Cumberland
9153	453314	3416497	453325	3416475	-0.11	0.46	-0.08	0.25	-0.07	0.44	Cumberland
9154	453360	3416517	453371	3416492	-0.03	0.36	-0.01	0.00	0.04	0.16	Cumberland
9155	453406	3416536	453417	3416510	-0.01	0.38	0.02	0.01	0.08	0.38	Cumberland
9156	453452	3416555	453463	3416529	-0.08	0.46	-0.04	0.06	-0.03	0.10	Cumberland
9157	453499	3416573	453508	3416548	-0.07	0.44	-0.03	0.06	-0.04	0.18	Cumberland
9158	453546	3416588	453555	3416563	-0.12	0.45	-0.08	0.27	-0.10	0.54	Cumberland
9159	453593	3416605	453602	3416579	-0.09	0.43	-0.05	0.14	-0.04	0.18	Cumberland
9160	453639	3416627	453648	3416595	-0.05	0.34	-0.05	0.07	0.07	0.23	Cumberland
9161	453684	3416648	453694	3416611	-0.22	0.36	-0.19	0.66	-0.13	0.66	Cumberland
9162	453732	3416661	453741	3416626	-0.10	0.33	-0.09	0.23	0.03	0.06	Cumberland
9163	453780	3416673	453788	3416643	-0.15	0.24	-0.14	0.64	-0.08	0.48	Cumberland
9164	453830	3416682	453836	3416655	-0.08	0.29	-0.08	0.37	-0.01	0.01	Cumberland
9165	453879	3416689	453883	3416666	-0.06	0.40	-0.04	0.17	0.00	0.00	Cumberland
9166	453924	3416708	453931	3416675	-0.15	0.44	-0.13	0.53	-0.07	0.32	Cumberland
9167	453972	3416720	453978	3416685	-0.16	0.51	-0.14	0.47	-0.08	0.32	Cumberland
9168	454022	3416725	454026	3416693	-0.12	0.58	-0.09	0.26	-0.03	0.07	Cumberland
9169	454072	3416731	454077	3416701	-0.08	0.49	-0.06	0.14	0.02	0.03	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9170	454119	3416745	454125	3416709	-0.11	0.38	-0.10	0.25	0.04	0.07	Cumberland
9171	454169	3416753	454178	3416708	-0.36	0.00	-0.36	0.00	-0.36	0.00	Cumberland
9172	454218	3416761	454230	3416702	NA	NA	NA	0.00	NA	0.00	Cumberland
9173	454265	3416761	454276	3416707	0.59	0.36	0.57	0.94	0.51	0.97	Cumberland
9174	454314	3416766	454321	3416737	0.12	0.36	0.11	0.32	0.04	0.17	Cumberland
9175	454363	3416776	454370	3416748	0.12	0.26	0.14	0.80	0.10	0.74	Cumberland
9176	454412	3416788	454418	3416762	0.00	0.35	0.02	0.02	0.06	0.32	Cumberland
9177	454458	3416805	454467	3416774	-0.07	0.43	-0.04	0.07	0.02	0.04	Cumberland
9178	454507	3416819	454513	3416790	-0.04	0.35	-0.02	0.02	0.08	0.29	Cumberland
9179	454555	3416833	454562	3416802	-0.08	0.41	-0.06	0.10	0.03	0.06	Cumberland
9180	454603	3416845	454610	3416816	-0.04	0.44	-0.03	0.02	0.10	0.30	Cumberland
9181	454652	3416854	454658	3416825	-0.03	0.42	-0.03	0.02	0.11	0.34	Cumberland
9182	454701	3416863	454707	3416831	-0.10	0.38	-0.08	0.20	0.00	0.00	Cumberland
9183	454751	3416871	454756	3416841	-0.07	0.43	-0.05	0.06	0.07	0.18	Cumberland
9184	454800	3416880	454805	3416853	-0.05	0.38	-0.03	0.04	0.05	0.18	Cumberland
9185	454849	3416888	454854	3416862	-0.02	0.40	0.00	0.00	0.07	0.31	Cumberland
9186	454899	3416891	454904	3416866	-0.03	0.38	-0.01	0.00	0.07	0.30	Cumberland
9187	454947	3416904	454954	3416869	-0.07	0.59	-0.04	0.03	0.10	0.22	Cumberland
9188	454994	3416921	455002	3416882	-0.08	0.57	-0.04	0.03	0.09	0.20	Cumberland
9189	455043	3416933	455051	3416893	-0.19	0.56	-0.15	0.35	-0.09	0.28	Cumberland
9190	455092	3416942	455099	3416906	-0.11	0.54	-0.08	0.11	0.03	0.03	Cumberland
9191	455141	3416951	455148	3416918	-0.06	0.42	-0.04	0.05	0.09	0.24	Cumberland
9192	455190	3416961	455197	3416930	-0.07	0.54	-0.03	0.02	0.05	0.12	Cumberland
9193	455238	3416973	455245	3416942	-0.02	0.48	0.01	0.00	0.15	0.43	Cumberland
9194	455287	3416985	455293	3416954	-0.01	0.49	0.00	0.00	0.18	0.46	Cumberland
9195	455336	3416997	455341	3416966	-0.04	0.45	-0.02	0.02	0.11	0.33	Cumberland
9196	455384	3417008	455389	3416976	-0.06	0.41	-0.05	0.08	0.08	0.24	Cumberland
9197	455433	3417019	455438	3416983	-0.10	0.57	-0.10	0.26	0.01	0.01	Cumberland
9198	455482	3417028	455487	3416988	-0.10	0.65	-0.10	0.19	0.05	0.07	Cumberland
9199	455532	3417035	455534	3416993	-0.11	0.71	-0.11	0.21	0.05	0.05	Cumberland
9200	455581	3417044	455581	3416998	-0.16	0.66	-0.16	0.40	0.00	0.00	Cumberland
9201	455631	3417043	455629	3417002	-0.12	0.60	-0.13	0.33	0.02	0.01	Cumberland
9202	455681	3417039	455679	3417006	-0.11	0.33	-0.10	0.36	0.01	0.01	Cumberland
9203	455730	3417036	455730	3416999	-0.08	0.39	-0.09	0.20	0.08	0.18	Cumberland
9204	455780	3417034	455780	3417000	-0.15	0.02	-0.15	1.00	-0.15	1.00	Cumberland
9205	455830	3417035	455829	3417001	-0.17	0.27	-0.16	0.63	-0.07	0.36	Cumberland
9206	455880	3417036	455879	3417001	-0.18	0.22	-0.17	0.67	-0.08	0.38	Cumberland
9207	455930	3417039	455929	3416999	-0.23	0.33	-0.23	0.88	-0.19	0.89	Cumberland
9208	455980	3417042	455981	3417011	-0.11	0.24	-0.11	0.50	-0.03	0.08	Cumberland
9209	456030	3417045	456033	3417013	-0.10	0.31	-0.12	0.52	-0.02	0.04	Cumberland
9210	456080	3417049	456084	3417023	-0.11	0.21	-0.10	0.57	-0.05	0.41	Cumberland
9211	456130	3417054	456134	3417029	-0.10	0.21	-0.08	0.52	-0.05	0.37	Cumberland
9212	456179	3417059	456182	3417038	-0.07	0.14	-0.07	0.55	-0.03	0.36	Cumberland
9213	456229	3417065	456232	3417045	-0.07	0.14	-0.06	0.52	-0.03	0.37	Cumberland
9214	456279	3417070	456282	3417040	-0.08	0.07	-0.08	0.95	-0.06	0.93	Cumberland
9215	456328	3417076	456330	3417057	-0.06	0.10	-0.06	0.60	-0.02	0.18	Cumberland
9216	456378	3417082	456380	3417060	-0.07	0.20	-0.06	0.34	-0.02	0.11	Cumberland
9217	456428	3417088	456428	3417065	-0.05	0.17	-0.05	0.21	0.03	0.13	Cumberland
9218	456477	3417095	456482	3417033	-0.38	0.67	-0.30	0.64	-0.52	0.88	Cumberland
9219	456527	3417102	456528	3417074	-0.10	0.17	-0.10	0.55	-0.02	0.09	Cumberland
9220	456576	3417109	456578	3417075	-0.12	0.29	-0.11	0.38	-0.01	0.02	Cumberland
9221	456626	3417115	456628	3417036	-0.15	0.52	-0.14	0.36	0.00	0.00	Cumberland
9222	456675	3417122	456677	3417045	-0.37	0.54	-0.32	0.84	-0.38	0.95	Cumberland
9223	456725	3417129	456727	3417093	-0.19	0.30	-0.17	0.66	-0.11	0.58	Cumberland
9224	456775	3417134	456775	3417096	-0.21	0.41	-0.18	0.58	-0.12	0.58	Cumberland
9225	456825	3417135	456823	3417101	-0.18	0.46	-0.14	0.45	-0.10	0.47	Cumberland
9226	456874	3417141	456871	3417102	-0.19	0.47	-0.16	0.45	-0.09	0.37	Cumberland
9227	456924	3417148	456918	3417103	-0.27	0.60	-0.24	0.71	-0.20	0.77	Cumberland
9228	456973	3417157	456965	3417093	-0.28	0.85	-0.22	0.31	-0.10	0.13	Cumberland
9229	457021	3417170	457006	3417071	-1.37	0.00	-1.37	0.00	-1.37	0.00	Cumberland
9230	457066	3417191	457046	3417046	NA	NA	NA	0.00	NA	0.00	Cumberland
9231	457111	3417213	457081	3417027	-1.47	0.00	-1.47	0.00	-1.47	0.00	Cumberland
9232	457149	3417245	457161	3417090	-0.88	1.41	-0.87	0.54	-0.19	0.07	Cumberland
9233	457187	3417278	457251	3417085	-1.23	1.63	-1.28	0.67	-0.43	0.22	Cumberland
9234	457220	3417315	457375	3417066	-2.01	2.14	-2.06	0.71	-0.87	0.37	Cumberland
9235	457253	3417353	457511	3417116	-2.56	2.68	-2.56	0.73	-1.24	0.48	Cumberland
9236	457289	3417387	457578	3417185	-2.55	2.89	-2.55	0.74	-1.32	0.53	Cumberland
9237	457323	3417424	457586	3417294	-2.10	2.78	-2.06	0.75	-1.22	0.63	Cumberland
9238	457345	3417468	457550	3417390	-0.24	2.27	-0.43	0.23	-0.74	0.67	Cumberland
9239	457379	3417503	457504	3417480	0.11	1.41	0.00	0.00	-0.20	0.28	Cumberland
9240	457407	3417544	457501	3417548	0.06	1.57	-0.04	0.00	-0.30	0.38	Cumberland
9241	457436	3417585	457496	3417583	-0.08	1.35	-0.16	0.08	-0.38	0.58	Cumberland
9242	457448	3417631	457572	3417625	-0.82	2.35	-0.57	0.35	-1.30	0.78	Cumberland
9243	457442	3417680	457522	3417675	-0.49	1.76	-0.32	0.27	-0.75	0.72	Cumberland
9244	457432	3417729	457539	3417716	-0.46	1.77	-0.31	0.27	-0.75	0.70	Cumberland
9245	457444	3417774	457501	3417767	-0.31	1.53	-0.21	0.26	-0.38	0.57	Cumberland
9246	457459	3417821	457514	3417816	-0.33	0.84	-0.26	0.56	-0.30	0.75	Cumberland
9247	457468	3417870	457518	3417869	-0.29	0.76	-0.22	0.49	-0.25	0.75	Cumberland
9248	457477	3417919	457528	3417920	-0.31	0.53	-0.26	0.74	-0.33	0.90	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9249	457485	3417969	457528	3417967	-0.25	0.54	-0.20	0.62	-0.30	0.85	Cumberland
9250	457488	3418018	457522	3418019	-0.14	0.73	-0.07	0.11	-0.20	0.59	Cumberland
9251	457483	3418068	457522	3418071	-0.15	0.91	-0.08	0.12	-0.24	0.55	Cumberland
9252	457477	3418118	457521	3418121	-0.19	1.22	-0.10	0.10	-0.29	0.51	Cumberland
9253	457471	3418167	457522	3418174	-0.22	1.51	-0.12	0.10	-0.26	0.40	Cumberland
9254	457466	3418217	457512	3418226	-0.27	1.38	-0.18	0.22	-0.31	0.54	Cumberland
9255	457440	3418259	457497	3418270	-0.20	1.73	-0.11	0.07	-0.31	0.41	Cumberland
9256	457425	3418304	457484	3418319	-0.05	1.69	0.05	0.02	-0.08	0.05	Cumberland
9257	457422	3418354	457475	3418369	-0.05	1.50	0.05	0.02	-0.01	0.00	Cumberland
9258	457398	3418397	457451	3418419	-0.06	1.60	0.03	0.01	-0.09	0.07	Cumberland
9259	457376	3418442	457434	3418468	-0.08	1.81	0.02	0.00	-0.10	0.07	Cumberland
9260	457361	3418489	457411	3418515	-0.17	1.60	-0.07	0.03	-0.12	0.12	Cumberland
9261	457334	3418531	457383	3418561	-0.25	1.44	-0.14	0.12	-0.19	0.30	Cumberland
9262	457307	3418574	457348	3418605	-0.24	1.30	-0.14	0.16	-0.20	0.38	Cumberland
9263	457277	3418613	457317	3418650	-0.19	1.01	-0.18	0.32	-0.05	0.04	Cumberland
9264	457243	3418650	457282	3418693	-0.33	0.96	-0.30	0.60	-0.25	0.63	Cumberland
9265	457202	3418679	457246	3418738	-0.47	0.94	-0.39	0.71	-0.46	0.85	Cumberland
9267	457122	3418733	457153	3418796	0.26	0.78	0.24	0.38	0.34	0.41	Cumberland
9268	457074	3418747	457105	3418815	-0.35	0.69	-0.39	0.69	-0.36	0.56	Cumberland
9269	457028	3418768	457054	3418835	-0.50	0.43	-0.50	0.95	-0.47	0.89	Cumberland
9270	456983	3418789	457002	3418849	-0.39	0.60	-0.38	0.88	-0.35	0.90	Cumberland
9271	456938	3418811	456952	3418854	-0.27	0.75	-0.22	0.57	-0.24	0.71	Cumberland
9272	456892	3418832	456906	3418870	-0.17	0.84	-0.11	0.19	-0.12	0.35	Cumberland
9273	456847	3418854	456859	3418888	-0.13	0.84	-0.08	0.13	-0.11	0.30	Cumberland
9274	456801	3418872	456810	3418898	-0.06	0.60	-0.02	0.01	-0.08	0.28	Cumberland
9275	456754	3418887	456765	3418914	-0.05	0.61	0.00	0.00	-0.06	0.17	Cumberland
9276	456708	3418903	456722	3418937	-0.05	0.77	0.01	0.00	-0.03	0.03	Cumberland
9277	456664	3418927	456677	3418959	-0.09	0.79	-0.05	0.06	-0.05	0.11	Cumberland
9278	456618	3418946	456631	3418973	-0.09	0.60	-0.07	0.18	-0.06	0.20	Cumberland
9279	456572	3418966	456586	3418994	-0.10	0.71	-0.06	0.13	-0.07	0.22	Cumberland
9280	456526	3418986	456542	3419015	-0.10	0.84	-0.06	0.10	-0.09	0.22	Cumberland
9281	456480	3419006	456497	3419037	-0.08	0.88	-0.02	0.01	-0.08	0.17	Cumberland
9282	456437	3419030	456454	3419059	-0.08	0.83	-0.04	0.04	-0.10	0.26	Cumberland
9283	456395	3419058	456415	3419087	-0.07	0.85	-0.02	0.01	-0.06	0.10	Cumberland
9284	456354	3419086	456375	3419117	-0.08	0.92	-0.04	0.04	-0.04	0.05	Cumberland
9285	456314	3419116	456334	3419143	-0.06	0.82	-0.03	0.03	-0.02	0.02	Cumberland
9286	456276	3419149	456299	3419176	-0.07	0.89	-0.04	0.03	-0.02	0.01	Cumberland
9287	456240	3419183	456264	3419210	-0.11	0.80	-0.07	0.11	-0.06	0.14	Cumberland
9288	456197	3419210	456226	3419243	-0.09	0.90	-0.08	0.11	0.02	0.02	Cumberland
9289	456158	3419240	456191	3419274	-0.17	1.10	-0.15	0.27	-0.10	0.18	Cumberland
9290	456127	3419279	456156	3419308	-0.14	1.11	-0.10	0.16	-0.12	0.25	Cumberland
9291	456093	3419315	456119	3419341	-0.14	0.94	-0.08	0.13	-0.14	0.35	Cumberland
9292	456055	3419348	456085	3419375	-0.01	0.97	0.02	0.01	0.08	0.14	Cumberland
9293	456020	3419382	456050	3419406	-0.03	0.92	0.01	0.00	0.01	0.01	Cumberland
9294	455984	3419417	456012	3419440	-0.04	0.92	0.03	0.01	-0.08	0.15	Cumberland
9295	455953	3419455	455983	3419479	0.07	0.91	0.11	0.24	0.06	0.10	Cumberland
9296	455923	3419495	455959	3419521	0.16	0.92	0.22	0.50	0.18	0.49	Cumberland
9297	455887	3419529	455935	3419558	0.29	0.88	0.34	0.66	0.38	0.81	Cumberland
9298	455858	3419570	455918	3419602	0.34	1.36	0.39	0.58	0.43	0.73	Cumberland
9299	455826	3419606	455893	3419636	0.43	1.24	0.47	0.70	0.54	0.83	Cumberland
9300	455797	3419647	455873	3419676	0.52	1.20	0.57	0.75	0.65	0.87	Cumberland
9301	455772	3419690	455859	3419719	0.60	1.20	0.64	0.78	0.77	0.90	Cumberland
9302	455758	3419738	455854	3419761	0.58	1.40	0.61	0.69	0.80	0.87	Cumberland
9303	455748	3419787	455843	3419796	0.62	1.09	0.64	0.78	0.83	0.91	Cumberland
9304	455751	3419837	455836	3419837	0.58	0.72	0.54	0.83	0.69	0.92	Cumberland
9305	455767	3419884	455829	3419879	0.32	0.73	0.31	0.69	0.43	0.87	Cumberland
9306	455789	3419929	455829	3419922	0.09	1.45	0.13	0.43	0.17	0.68	Cumberland
9307	455808	3419975	455859	3419962	0.14	1.02	0.21	0.46	0.14	0.37	Cumberland
9308	455834	3420017	455877	3420002	0.07	0.91	0.15	0.35	0.03	0.03	Cumberland
9309	455858	3420061	455898	3420044	-0.15	1.21	-0.07	0.08	-0.13	0.34	Cumberland
9310	455883	3420104	455926	3420084	-0.16	1.16	-0.08	0.08	-0.15	0.35	Cumberland
9311	455910	3420147	455954	3420126	-0.13	1.36	-0.02	0.01	-0.15	0.29	Cumberland
9312	455927	3420192	455977	3420166	-0.34	1.88	-0.22	0.43	-0.35	0.71	Cumberland
9313	455959	3420228	455998	3420208	-0.21	1.07	-0.13	0.25	-0.24	0.55	Cumberland
9314	455975	3420274	456012	3420258	-0.14	1.51	-0.08	0.18	-0.10	0.30	Cumberland
9315	455991	3420321	456053	3420297	-0.25	1.49	-0.19	0.29	-0.21	0.42	Cumberland
9316	456012	3420366	456073	3420340	-0.32	2.18	-0.20	0.22	-0.29	0.44	Cumberland
9317	456026	3420414	456098	3420386	-0.33	2.23	-0.20	0.26	-0.29	0.50	Cumberland
9318	456043	3420461	456100	3420439	-0.26	2.12	-0.16	0.22	-0.23	0.43	Cumberland
9319	456055	3420509	456107	3420491	-0.30	1.91	-0.23	0.43	-0.29	0.56	Cumberland
9320	456075	3420553	456135	3420528	-0.21	1.05	-0.19	0.48	-0.21	0.56	Cumberland
9321	456069	3420600	456175	3420561	-0.56	1.63	-0.49	0.73	-0.51	0.80	Cumberland
9322	456090	3420645	456167	3420613	-0.53	1.71	-0.48	0.86	-0.48	0.89	Cumberland
9323	456116	3420688	456194	3420653	-0.54	1.61	-0.50	0.86	-0.50	0.89	Cumberland
9324	456142	3420731	456217	3420690	-0.44	1.86	-0.49	0.72	-0.33	0.63	Cumberland
9325	456167	3420774	456232	3420739	-0.48	1.25	-0.45	0.82	-0.41	0.85	Cumberland
9326	456191	3420818	456257	3420779	-0.49	0.94	-0.46	0.87	-0.43	0.90	Cumberland
9327	456213	3420863	456286	3420818	-0.55	1.57	-0.50	0.79	-0.46	0.84	Cumberland
9328	456229	3420910	456309	3420859	-0.63	2.91	-0.56	0.85	-0.50	0.89	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9329	456263	3420945	456361	3420889	-0.62	2.09	-0.56	0.88	-0.56	0.91	Cumberland
9330	456283	3420990	456374	3420934	-0.64	2.13	-0.58	0.98	-0.61	0.99	Cumberland
9331	456294	3421038	456392	3420978	-0.77	2.20	-0.68	0.94	-0.70	0.97	Cumberland
9332	456328	3421075	456412	3421019	-0.66	1.25	-0.61	0.95	-0.62	0.97	Cumberland
9333	456354	3421117	456439	3421060	-0.68	1.74	-0.61	0.98	-0.64	0.99	Cumberland
9334	456386	3421156	456472	3421099	-0.61	0.23	-0.59	0.99	-0.62	0.99	Cumberland
9335	456407	3421201	456476	3421154	-0.54	2.48	-0.48	0.92	-0.47	0.95	Cumberland
9336	456444	3421233	456503	3421191	-0.45	0.51	-0.46	0.97	-0.45	0.98	Cumberland
9337	456485	3421261	456531	3421226	-0.35	0.85	-0.34	0.88	-0.34	0.90	Cumberland
9338	456507	3421306	456558	3421261	-0.43	1.37	-0.42	0.87	-0.42	0.90	Cumberland
9339	456533	3421347	456591	3421295	-0.49	1.85	-0.46	0.88	-0.48	0.91	Cumberland
9340	456578	3421369	456622	3421328	-0.34	1.01	-0.36	0.79	-0.41	0.86	Cumberland
9341	456615	3421402	456653	3421365	-0.31	1.05	-0.31	0.71	-0.36	0.79	Cumberland
9342	456653	3421434	456689	3421400	-0.29	0.90	-0.29	0.75	-0.33	0.81	Cumberland
9343	456692	3421466	456725	3421432	-0.25	0.81	-0.26	0.83	-0.31	0.88	Cumberland
9344	456731	3421496	456757	3421467	-0.18	0.93	-0.19	0.73	-0.22	0.79	Cumberland
9345	456769	3421528	456788	3421503	0.00	0.82	0.02	0.03	0.02	0.03	Cumberland
9346	456804	3421564	456825	3421534	0.09	0.95	0.13	0.44	0.11	0.45	Cumberland
9347	456842	3421596	456866	3421562	0.15	0.96	0.13	0.50	0.18	0.75	Cumberland
9348	456884	3421622	456910	3421586	0.18	1.43	0.19	0.80	0.23	0.90	Cumberland
9349	456926	3421645	456958	3421599	0.20	1.94	0.29	0.86	0.20	0.77	Cumberland
9350	456958	3421682	456998	3421624	0.35	2.15	0.36	0.89	0.45	0.95	Cumberland
9351	457001	3421709	457044	3421642	0.30	3.14	0.29	0.64	0.47	0.88	Cumberland
9352	457044	3421734	457081	3421679	0.25	3.07	0.23	0.43	0.43	0.81	Cumberland
9353	457077	3421769	457115	3421716	0.30	2.52	0.30	0.68	0.41	0.88	Cumberland
9354	457112	3421799	457152	3421747	0.31	2.22	0.33	0.79	0.38	0.90	Cumberland
9355	457134	3421834	457181	3421768	0.32	2.07	0.33	0.77	0.40	0.89	Cumberland
9356	457176	3421837	457209	3421789	0.28	1.97	0.27	0.62	0.37	0.83	Cumberland
9357	457222	3421856	457249	3421813	0.21	1.69	0.21	0.50	0.30	0.76	Cumberland
9358	457255	3421892	457289	3421838	0.28	1.59	0.23	0.51	0.43	0.82	Cumberland
9359	457303	3421902	457334	3421847	0.15	1.69	0.11	0.13	0.33	0.64	Cumberland
9360	457353	3421905	457374	3421864	0.08	1.12	0.04	0.04	0.16	0.42	Cumberland
9361	457397	3421927	457415	3421888	0.00	0.98	-0.01	0.00	-0.02	0.02	Cumberland
9362	457434	3421960	457452	3421916	0.19	0.99	0.14	0.32	0.25	0.71	Cumberland
9363	457472	3421991	457493	3421937	0.27	0.69	0.20	0.49	0.37	0.80	Cumberland
9364	457519	3422001	457541	3421947	0.22	2.32	0.21	0.42	0.35	0.76	Cumberland
9365	457568	3422002	457585	3421960	0.12	2.27	0.14	0.34	0.22	0.64	Cumberland
9366	457617	3422013	457630	3421976	0.02	1.58	0.06	0.09	0.07	0.20	Cumberland
9367	457659	3422036	457675	3421986	0.11	1.09	0.08	0.11	0.24	0.59	Cumberland
9368	457705	3422052	457722	3422000	0.10	0.96	0.05	0.03	0.22	0.49	Cumberland
9369	457754	3422062	457769	3422020	0.02	0.87	-0.02	0.01	0.11	0.24	Cumberland
9370	457799	3422083	457816	3422037	-0.08	1.28	-0.07	0.10	0.03	0.04	Cumberland
9371	457824	3422121	457851	3422050	-0.06	1.11	-0.11	0.11	0.14	0.20	Cumberland
9372	457846	3422159	457885	3422064	0.23	1.05	0.06	0.01	0.57	0.56	Cumberland
9373	457879	3422151	457911	3422075	-0.11	0.71	-0.14	0.26	0.03	0.02	Cumberland
9374	457853	3422133	457882	3422063	0.02	0.90	-0.08	0.04	0.28	0.36	Cumberland
9375	457895	3422148	457924	3422081	-0.20	0.69	-0.26	0.55	-0.09	0.15	Cumberland
9376	457928	3422182	457955	3422094	-0.36	1.02	-0.44	0.74	-0.24	0.52	Cumberland
9377	457967	3422212	457997	3422105	-0.59	1.17	-0.61	0.79	-0.43	0.73	Cumberland
9378	458008	3422240	458039	3422114	-0.71	1.52	-0.76	0.80	-0.50	0.71	Cumberland
9379	458056	3422251	458083	3422126	-0.72	0.86	-0.83	0.85	-0.52	0.72	Cumberland
9380	458104	3422266	458129	3422131	-0.77	0.93	-0.90	0.84	-0.54	0.68	Cumberland
9381	458150	3422286	458191	3422140	-0.90	0.99	-1.04	0.83	-0.59	0.63	Cumberland
9382	458196	3422304	458257	3422152	-1.01	1.38	-1.15	0.83	-0.64	0.61	Cumberland
9383	458245	3422315	458325	3422163	-0.18	2.50	-0.71	0.27	0.57	0.19	Cumberland
9384	458291	3422318	458384	3422179	-0.08	2.74	-0.64	0.22	0.68	0.23	Cumberland
9385	458340	3422320	458448	3422195	-0.72	2.84	-0.81	0.67	-0.39	0.39	Cumberland
9386	458389	3422318	458463	3422252	-0.57	0.19	-0.58	1.00	-0.59	1.00	Cumberland
9387	458434	3422339	458484	3422304	-0.13	0.21	-0.14	0.72	-0.05	0.22	Cumberland
9388	458470	3422375	458505	3422354	-0.12	0.15	-0.11	0.92	-0.10	0.93	Cumberland
9389	458474	3422416	458520	3422392	-0.03	0.27	-0.03	0.16	0.00	0.01	Cumberland
9390	458481	3422462	458537	3422432	-0.14	0.30	-0.18	0.65	-0.04	0.07	Cumberland
9391	458507	3422481	458545	3422457	-0.12	0.48	-0.11	0.42	-0.22	0.73	Cumberland
9392	458532	3422506	458559	3422482	-0.14	0.42	-0.18	0.68	-0.17	0.84	Cumberland
9393	458546	3422553	458588	3422507	-0.26	0.63	-0.32	0.76	-0.18	0.66	Cumberland
9394	458583	3422586	458625	3422547	-0.25	0.49	-0.30	0.80	-0.17	0.67	Cumberland
9395	458623	3422616	458711	3422541	-0.18	0.51	-0.18	0.28	0.06	0.06	Cumberland
9396	458666	3422626	458726	3422574	0.00	0.55	0.04	0.03	-0.18	0.46	Cumberland
9397	458713	3422634	458772	3422584	0.44	0.62	0.45	0.75	0.25	0.60	Cumberland
9398	458737	3422677	458797	3422632	0.35	0.62	0.39	0.67	0.12	0.21	Cumberland
9399	458732	3422725	458779	3422693	0.22	0.15	0.23	0.95	0.18	0.94	Cumberland
9400	458720	3422768	458765	3422741	-0.25	0.37	-0.28	0.64	-0.07	0.14	Cumberland
9401	458749	3422809	458807	3422788	-0.36	0.37	-0.39	0.94	-0.35	0.96	Cumberland
9402	458779	3422849	458830	3422837	-0.17	0.82	-0.21	0.48	-0.05	0.08	Cumberland
9403	458809	3422888	458846	3422876	-0.20	0.31	-0.17	0.70	-0.28	0.89	Cumberland
9404	458826	3422935	458864	3422920	-0.15	0.96	-0.16	0.35	-0.07	0.15	Cumberland
9405	458841	3422983	458901	3422958	-0.29	1.59	-0.31	0.49	-0.24	0.45	Cumberland
9406	458865	3423027	458898	3423014	-0.17	0.51	-0.18	0.76	-0.19	0.83	Cumberland
9407	458882	3423074	458926	3423056	-0.17	0.74	-0.22	0.58	-0.18	0.71	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9408	458898	3423121	458949	3423098	-0.29	0.58	-0.33	0.84	-0.33	0.92	Cumberland
9409	458913	3423169	458975	3423147	-0.25	0.91	-0.32	0.65	-0.20	0.64	Cumberland
9410	458926	3423217	458984	3423196	-0.37	0.38	-0.40	0.93	-0.40	0.97	Cumberland
9411	458940	3423265	459020	3423236	-0.20	1.30	-0.33	0.43	-0.04	0.02	Cumberland
9412	458950	3423314	459033	3423287	-0.26	1.23	-0.38	0.49	-0.04	0.02	Cumberland
9413	458967	3423359	459055	3423334	-0.53	0.89	-0.60	0.88	-0.55	0.94	Cumberland
9414	458998	3423398	459052	3423381	-0.31	0.64	-0.35	0.76	-0.41	0.90	Cumberland
9415	459002	3423448	459074	3423431	-0.12	0.59	-0.18	0.47	0.00	0.00	Cumberland
9416	459025	3423491	459066	3423484	-0.21	0.36	-0.22	0.69	-0.30	0.88	Cumberland
9417	459043	3423536	459076	3423530	-0.03	0.41	-0.07	0.23	0.04	0.14	Cumberland
9418	459050	3423582	459105	3423573	-0.04	0.98	-0.15	0.21	0.06	0.07	Cumberland
9419	459077	3423621	459119	3423612	-0.12	0.56	-0.17	0.54	-0.07	0.28	Cumberland
9420	459072	3423670	459114	3423663	-0.16	0.69	-0.20	0.57	-0.05	0.07	Cumberland
9421	459086	3423718	459123	3423710	-0.13	0.50	-0.15	0.69	-0.10	0.49	Cumberland
9422	459082	3423767	459139	3423750	-0.19	0.52	-0.19	0.41	0.00	0.00	Cumberland
9423	459084	3423816	459138	3423805	-0.33	0.19	-0.33	0.98	-0.35	0.99	Cumberland
9424	459076	3423865	459127	3423852	-0.19	0.34	-0.22	0.62	-0.04	0.05	Cumberland
9425	459080	3423915	459147	3423898	-0.28	0.29	-0.29	0.79	-0.16	0.60	Cumberland
9426	459099	3423961	459166	3423944	-0.33	0.92	-0.37	0.77	-0.28	0.79	Cumberland
9427	459126	3424001	459169	3423992	-0.04	0.82	-0.11	0.18	-0.09	0.27	Cumberland
9428	459132	3424051	459186	3424044	0.08	1.12	-0.03	0.01	0.07	0.09	Cumberland
9429	459136	3424097	459206	3424092	-0.15	0.96	-0.26	0.41	0.03	0.01	Cumberland
9430	459117	3424142	459219	3424141	-0.43	1.47	-0.41	0.40	-0.11	0.07	Cumberland
9431	459129	3424181	459219	3424191	-0.33	1.97	-0.23	0.15	-0.13	0.09	Cumberland
9432	459126	3424231	459205	3424238	-0.15	1.59	-0.07	0.02	0.12	0.09	Cumberland
9433	459112	3424277	459189	3424290	-0.59	1.43	-0.71	0.81	-0.59	0.62	Cumberland
9434	459136	3424321	459177	3424325	-0.05	0.22	-0.06	0.35	-0.07	0.30	Cumberland
9435	459133	3424365	459174	3424366	0.06	0.43	0.05	0.07	0.21	0.61	Cumberland
9436	459121	3424407	459183	3424406	0.09	1.07	-0.03	0.01	0.34	0.52	Cumberland
9437	459136	3424450	459185	3424447	-0.20	0.50	-0.20	0.74	-0.15	0.70	Cumberland
9438	459141	3424498	459175	3424491	-0.18	0.51	-0.17	0.74	-0.21	0.81	Cumberland
9439	459172	3424533	459217	3424523	-0.22	0.39	-0.20	0.58	-0.37	0.83	Cumberland
9440	459192	3424574	459218	3424566	0.02	0.18	0.02	0.12	0.06	0.64	Cumberland
9441	459190	3424624	459209	3424619	0.04	0.31	0.02	0.07	0.05	0.36	Cumberland
9442	459178	3424670	459221	3424654	-0.18	0.92	-0.17	0.46	-0.18	0.53	Cumberland
9443	459174	3424718	459232	3424700	-0.38	0.77	-0.39	0.87	-0.42	0.91	Cumberland
9444	459184	3424766	459261	3424751	-0.47	1.22	-0.49	0.78	-0.60	0.86	Cumberland
9445	459160	3424809	459282	3424787	-0.85	1.39	-0.84	0.91	-0.92	0.93	Cumberland
9446	459159	3424857	459288	3424829	-0.89	0.76	-0.89	0.97	-0.96	0.98	Cumberland
9447	459180	3424902	459299	3424877	-0.81	0.94	-0.78	0.95	-0.86	0.96	Cumberland
9448	459205	3424946	459285	3424928	-0.41	0.71	-0.46	0.83	-0.29	0.76	Cumberland
9449	459224	3424991	459292	3424974	-0.38	0.71	-0.37	0.73	-0.21	0.50	Cumberland
9450	459219	3425041	459300	3425021	-0.53	1.04	-0.51	0.81	-0.43	0.82	Cumberland
9451	459218	3425091	459327	3425066	-0.75	0.90	-0.71	0.92	-0.70	0.94	Cumberland
9452	459227	3425140	459349	3425107	-0.85	0.66	-0.84	0.97	-0.81	0.98	Cumberland
9453	459231	3425189	459376	3425149	-1.03	0.78	-1.01	0.96	-0.95	0.97	Cumberland
9454	459240	3425239	459392	3425187	-1.11	0.50	-1.11	0.97	-0.98	0.98	Cumberland
9455	459256	3425286	459392	3425242	-0.98	0.55	-1.04	0.95	-0.79	0.93	Cumberland
9456	459272	3425333	459407	3425293	-0.67	1.30	-0.81	0.72	-0.30	0.30	Cumberland
9457	459298	3425376	459418	3425344	-0.59	1.13	-0.71	0.73	-0.28	0.36	Cumberland
9458	459325	3425418	459434	3425393	-0.64	0.83	-0.71	0.87	-0.46	0.81	Cumberland
9459	459344	3425464	459444	3425435	-0.69	0.47	-0.71	0.92	-0.52	0.89	Cumberland
9460	459363	3425510	459458	3425481	-0.66	0.64	-0.65	0.86	-0.46	0.81	Cumberland
9461	459381	3425557	459469	3425529	-0.60	0.37	-0.61	0.92	-0.45	0.89	Cumberland
9462	459399	3425604	459478	3425575	-0.54	0.75	-0.54	0.81	-0.36	0.76	Cumberland
9463	459417	3425650	459497	3425622	-0.40	0.76	-0.41	0.50	-0.08	0.05	Cumberland
9464	459435	3425697	459508	3425673	-0.48	0.70	-0.47	0.75	-0.30	0.67	Cumberland
9465	459453	3425744	459529	3425718	-0.52	0.67	-0.49	0.89	-0.46	0.92	Cumberland
9466	459471	3425790	459551	3425763	-0.55	0.19	-0.54	0.99	-0.53	1.00	Cumberland
9467	459489	3425837	459564	3425811	-0.51	0.96	-0.48	0.84	-0.46	0.89	Cumberland
9468	459506	3425884	459572	3425863	-0.43	0.95	-0.39	0.73	-0.33	0.77	Cumberland
9469	459523	3425931	459581	3425912	-0.31	0.81	-0.29	0.58	-0.14	0.32	Cumberland
9470	459535	3425979	459594	3425960	-0.28	0.92	-0.25	0.42	-0.07	0.07	Cumberland
9471	459544	3426029	459608	3426008	-0.35	1.09	-0.31	0.48	-0.15	0.26	Cumberland
9472	459554	3426077	459622	3426055	-0.43	1.25	-0.38	0.59	-0.28	0.56	Cumberland
9473	459567	3426126	459639	3426099	-0.49	1.39	-0.42	0.61	-0.35	0.66	Cumberland
9474	459580	3426174	459659	3426145	-0.54	1.35	-0.47	0.63	-0.39	0.71	Cumberland
9475	459594	3426222	459677	3426190	-0.58	0.41	-0.58	0.91	-0.42	0.87	Cumberland
9476	459608	3426270	459695	3426235	-0.61	0.27	-0.62	0.94	-0.47	0.92	Cumberland
9477	459622	3426318	459715	3426284	-0.65	0.25	-0.66	0.95	-0.52	0.94	Cumberland
9478	459640	3426364	459734	3426331	-0.66	0.23	-0.67	0.97	-0.56	0.97	Cumberland
9479	459656	3426412	459751	3426377	-0.67	0.57	-0.70	0.94	-0.56	0.94	Cumberland
9480	459667	3426461	459772	3426420	-0.76	0.69	-0.78	0.95	-0.65	0.95	Cumberland
9481	459671	3426510	459790	3426462	-0.87	0.54	-0.89	0.95	-0.72	0.95	Cumberland
9482	459694	3426554	459799	3426511	-0.75	0.47	-0.79	0.93	-0.58	0.91	Cumberland
9483	459723	3426595	459816	3426554	-0.61	0.59	-0.66	0.89	-0.43	0.82	Cumberland
9484	459751	3426636	459840	3426596	-0.55	0.69	-0.62	0.88	-0.40	0.81	Cumberland
9485	459775	3426680	459867	3426637	-0.52	0.93	-0.60	0.82	-0.35	0.72	Cumberland
9486	459799	3426724	459889	3426675	-0.52	0.95	-0.60	0.80	-0.34	0.68	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9487	459821	3426769	459910	3426716	-0.57	0.77	-0.64	0.84	-0.37	0.72	Cumberland
9488	459844	3426813	459931	3426757	-0.60	0.66	-0.66	0.84	-0.37	0.67	Cumberland
9489	459872	3426854	459957	3426799	-0.58	0.61	-0.64	0.82	-0.33	0.60	Cumberland
9490	459901	3426895	459981	3426839	-0.55	0.62	-0.62	0.80	-0.29	0.50	Cumberland
9491	459930	3426936	460007	3426876	-0.53	0.67	-0.59	0.74	-0.23	0.33	Cumberland
9492	459963	3426974	460037	3426909	-0.51	0.72	-0.58	0.73	-0.21	0.29	Cumberland
9493	459996	3427011	460071	3426939	-0.50	0.91	-0.58	0.69	-0.19	0.23	Cumberland
9494	460029	3427049	460101	3426973	-0.55	0.86	-0.61	0.74	-0.25	0.39	Cumberland
9495	460062	3427086	460136	3427000	-0.58	1.12	-0.66	0.74	-0.30	0.48	Cumberland
9496	460100	3427119	460170	3427024	-0.61	1.22	-0.69	0.76	-0.35	0.56	Cumberland
9497	460143	3427143	460202	3427049	-0.58	1.18	-0.66	0.80	-0.39	0.71	Cumberland
9498	460189	3427162	460235	3427072	-0.54	1.04	-0.61	0.85	-0.44	0.85	Cumberland
9499	460236	3427179	460272	3427095	-0.51	0.76	-0.58	0.88	-0.54	0.88	Cumberland
9500	460284	3427195	460312	3427113	-0.50	0.69	-0.56	0.91	-0.55	0.87	Cumberland
9501	460332	3427207	460355	3427120	-0.50	0.92	-0.57	0.87	-0.57	0.79	Cumberland
9502	460382	3427210	460396	3427124	-0.48	0.98	-0.52	0.84	-0.55	0.76	Cumberland
9503	460431	3427212	460439	3427128	-0.41	1.13	-0.44	0.72	-0.49	0.65	Cumberland
9504	460481	3427212	460483	3427131	-0.32	0.96	-0.33	0.61	-0.40	0.60	Cumberland
9505	460530	3427204	460528	3427130	-0.24	0.51	-0.23	0.48	-0.31	0.56	Cumberland
9506	460579	3427196	460574	3427127	-0.17	0.52	-0.12	0.19	-0.21	0.29	Cumberland
9507	460627	3427210	460616	3427122	-0.09	1.20	-0.03	0.01	-0.12	0.05	Cumberland
9508	460675	3427224	460653	3427117	-0.01	2.08	0.10	0.04	0.00	0.00	Cumberland
9509	460725	3427224	460692	3427113	0.12	2.55	0.27	0.16	0.18	0.04	Cumberland
9510	460775	3427221	460730	3427108	0.36	2.73	0.54	0.41	0.46	0.20	Cumberland
9511	460824	3427224	460762	3427100	0.46	3.06	0.70	0.45	0.59	0.24	Cumberland
9512	460874	3427227	460787	3427090	0.48	3.51	0.79	0.40	0.60	0.18	Cumberland
9513	460924	3427235	460798	3427079	0.48	4.19	0.88	0.33	0.60	0.13	Cumberland
9514	460973	3427243	460801	3427073	0.47	5.06	0.98	0.28	0.61	0.09	Cumberland
9515	461023	3427242	460807	3427061	0.48	5.75	1.08	0.25	0.58	0.06	Cumberland
9516	461072	3427236	460815	3427043	0.48	5.82	1.12	0.19	0.40	0.02	Cumberland
9517	461113	3427209	460828	3427013	0.46	6.17	1.12	0.14	0.21	0.00	Cumberland
9518	461137	3427166	460846	3426981	0.39	6.28	1.03	0.11	0.03	0.00	Cumberland
9519	461173	3427131	460863	3426951	0.34	6.38	0.97	0.09	-0.05	0.00	Cumberland
9520	461201	3427090	460880	3426921	0.27	6.30	0.87	0.07	-0.14	0.00	Cumberland
9521	461225	3427046	460899	3426890	0.20	6.19	0.74	0.06	-0.24	0.00	Cumberland
9522	461246	3427001	460926	3426859	0.08	6.25	0.57	0.04	-0.35	0.01	Cumberland
9523	461252	3426951	460951	3426813	-0.10	5.95	0.34	0.01	-0.52	0.02	Cumberland
9524	461250	3426902	460962	3426760	-0.35	5.48	0.03	0.00	-0.75	0.05	Cumberland
9525	461242	3426852	460969	3426719	-0.62	4.80	-0.29	0.02	-1.00	0.10	Cumberland
9526	461234	3426803	460978	3426683	-0.74	4.14	-0.47	0.05	-1.12	0.15	Cumberland
9527	461226	3426754	460990	3426651	-0.83	3.49	-0.62	0.10	-1.21	0.21	Cumberland
9528	461221	3426704	461006	3426622	-0.89	2.87	-0.75	0.18	-1.25	0.28	Cumberland
9529	461225	3426654	461026	3426590	-0.96	2.30	-0.90	0.33	-1.29	0.40	Cumberland
9530	461229	3426604	461054	3426555	-0.90	1.99	-0.93	0.45	-1.21	0.49	Cumberland
9531	461232	3426555	461085	3426516	-0.72	2.30	-0.87	0.49	-1.02	0.53	Cumberland
9532	461233	3426505	461078	3426474	-0.55	2.83	-0.80	0.47	-0.82	0.48	Cumberland
9533	461262	3426467	461075	3426449	-0.65	3.15	-0.97	0.55	-0.86	0.49	Cumberland
9534	461303	3426439	461073	3426433	-0.70	3.67	-1.09	0.50	-0.85	0.36	Cumberland
9535	461342	3426407	461072	3426414	-0.78	4.19	-1.23	0.45	-0.86	0.26	Cumberland
9536	461375	3426370	461071	3426378	-0.71	4.99	-1.26	0.34	-0.73	0.12	Cumberland
9537	461392	3426324	461065	3426322	-0.53	5.90	-1.18	0.23	-0.51	0.04	Cumberland
9538	461408	3426276	461068	3426260	-0.37	6.47	-1.08	0.16	-0.29	0.01	Cumberland
9539	461421	3426228	461070	3426202	-0.28	6.82	-1.02	0.12	-0.14	0.00	Cumberland
9540	461430	3426179	461073	3426148	-0.21	7.09	-0.98	0.10	-0.02	0.00	Cumberland
9541	461418	3426130	461083	3426098	-0.06	6.98	-0.82	0.07	0.14	0.00	Cumberland
9542	461412	3426082	461094	3426050	0.18	6.71	-0.54	0.04	0.37	0.01	Cumberland
9543	461414	3426032	461101	3426004	0.53	6.51	-0.17	0.00	0.67	0.04	Cumberland
9544	461414	3425982	461106	3425959	0.80	6.45	0.11	0.00	0.89	0.08	Cumberland
9545	461412	3425932	461108	3425918	1.00	6.24	0.34	0.02	1.06	0.12	Cumberland
9546	461414	3425882	461105	3425877	1.22	6.10	0.58	0.06	1.27	0.17	Cumberland
9547	461416	3425832	461102	3425832	1.43	5.76	0.84	0.13	1.49	0.24	Cumberland
9548	461421	3425782	461099	3425776	1.65	5.63	1.08	0.21	1.71	0.30	Cumberland
9549	461424	3425732	461097	3425723	1.83	5.45	1.30	0.29	1.89	0.35	Cumberland
9550	461424	3425682	461096	3425671	1.97	5.20	1.48	0.37	2.05	0.41	Cumberland
9551	461426	3425632	461097	3425621	2.18	4.85	1.74	0.48	2.27	0.48	Cumberland
9552	461430	3425582	461093	3425576	2.39	4.52	2.00	0.58	2.49	0.56	Cumberland
9553	461434	3425532	461073	3425536	1.95	4.38	1.58	0.41	2.17	0.44	Cumberland
9554	461441	3425483	461060	3425503	2.13	4.10	1.81	0.50	2.36	0.51	Cumberland
9555	461450	3425434	461120	3425469	2.31	3.88	2.01	0.56	2.56	0.56	Cumberland
9556	461456	3425384	461114	3425441	2.47	3.66	2.19	0.62	2.73	0.61	Cumberland
9557	461466	3425335	461106	3425426	2.65	3.64	2.37	0.65	2.92	0.63	Cumberland
9558	461475	3425286	461099	3425412	2.84	3.60	2.57	0.68	3.13	0.66	Cumberland
9559	461484	3425237	461082	3425380	3.06	3.35	2.86	0.74	3.39	0.71	Cumberland
9560	461498	3425189	461066	3425349	3.31	3.29	3.17	0.78	3.68	0.75	Cumberland
9561	461509	3425140	461043	3425305	3.55	3.17	3.50	0.83	3.96	0.79	Cumberland
9562	461525	3425093	461023	3425254	3.72	2.96	3.72	0.86	4.13	0.84	Cumberland
9563	461537	3425044	461003	3425195	3.87	3.12	3.97	0.89	4.30	0.87	Cumberland
9564	461536	3424995	460996	3425122	3.90	2.71	4.02	0.91	4.31	0.90	Cumberland
9565	461518	3424949	460984	3425054	3.93	2.15	3.99	0.95	4.24	0.94	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9566	461488	3424910	460979	3424990	3.70	2.75	3.72	0.96	3.91	0.95	Cumberland
9567	461446	3424884	460976	3424942	3.37	3.94	3.40	0.95	3.51	0.91	Cumberland
9568	461399	3424866	460973	3424911	3.02	4.82	3.09	0.92	3.09	0.82	Cumberland
9569	461353	3424849	460968	3424881	2.73	5.55	2.84	0.86	2.74	0.70	Cumberland
9570	461367	3424806	460962	3424837	2.75	7.96	3.26	0.79	3.84	0.71	Cumberland
9571	461386	3424760	460954	3424790	2.72	8.86	3.32	0.75	3.98	0.68	Cumberland
9572	461397	3424711	460951	3424734	2.61	9.21	3.29	0.72	3.97	0.65	Cumberland
9573	461417	3424665	460952	3424679	2.47	9.09	3.17	0.69	3.85	0.64	Cumberland
9574	461436	3424619	460953	3424612	2.36	8.20	3.04	0.69	3.65	0.65	Cumberland
9575	461455	3424573	460953	3424545	2.25	5.63	2.79	0.73	3.19	0.71	Cumberland
9576	461475	3424527	460958	3424475	2.10	4.89	2.62	0.70	2.95	0.69	Cumberland
9577	461521	3424511	460960	3424444	2.05	4.72	2.57	0.69	2.86	0.67	Cumberland
9578	461563	3424485	460963	3424402	1.96	4.57	2.48	0.65	2.74	0.64	Cumberland
9579	461577	3424438	460980	3424347	1.61	4.64	2.14	0.54	2.36	0.53	Cumberland
9580	461570	3424388	460995	3424289	1.28	4.85	1.82	0.42	2.01	0.40	Cumberland
9581	461559	3424339	461007	3424240	1.00	5.18	1.56	0.31	1.71	0.29	Cumberland
9582	461550	3424290	461017	3424192	0.73	5.58	1.31	0.21	1.43	0.19	Cumberland
9583	461550	3424241	461021	3424144	0.57	5.93	1.16	0.16	1.25	0.14	Cumberland
9584	461554	3424191	461031	3424099	2.26	7.58	1.58	0.33	1.53	0.30	Cumberland
9585	461543	3424142	461037	3424061	2.31	8.22	1.57	0.30	1.53	0.27	Cumberland
9586	461532	3424094	461038	3424025	2.43	8.66	1.65	0.31	1.65	0.28	Cumberland
9587	461522	3424045	461034	3423984	2.61	8.84	1.81	0.35	1.86	0.32	Cumberland
9588	461511	3423996	461050	3423947	2.66	8.99	1.83	0.36	1.97	0.34	Cumberland
9589	461500	3423947	461059	3423917	2.78	9.27	1.93	0.38	2.14	0.36	Cumberland
9590	461501	3423899	461061	3423887	3.17	10.11	2.21	0.40	2.57	0.39	Cumberland
9591	461503	3423849	461061	3423855	3.17	10.45	2.21	0.38	2.60	0.37	Cumberland
9592	461512	3423800	461048	3423808	3.07	11.95	3.03	0.62	3.08	0.43	Cumberland
9593	461517	3423750	461046	3423761	2.91	13.35	2.95	0.54	3.02	0.37	Cumberland
9594	461517	3423700	461018	3423715	2.78	14.17	2.88	0.49	3.00	0.33	Cumberland
9595	461505	3423651	461012	3423665	2.63	13.93	2.80	0.46	2.96	0.33	Cumberland
9596	461497	3423603	461026	3423623	2.51	12.88	2.73	0.47	2.92	0.35	Cumberland
9597	461497	3423553	461043	3423544	2.35	11.88	2.56	0.45	2.98	0.38	Cumberland
9598	461507	3423510	461052	3423472	2.23	17.99	2.17	0.29	1.92	0.13	Cumberland
9599	461553	3423493	461037	3423415	2.14	4.16	2.23	0.53	1.55	0.28	Cumberland
9600	461582	3423454	461035	3423339	-2.20	1.70	-2.02	0.93	-1.97	0.91	Cumberland
9601	461598	3423406	461038	3423294	-2.51	1.81	-2.33	0.94	-2.27	0.92	Cumberland
9602	461603	3423357	461043	3423250	-2.70	1.75	-2.53	0.95	-2.47	0.93	Cumberland
9603	461602	3423307	461054	3423205	-2.80	1.58	-2.63	0.97	-2.59	0.95	Cumberland
9604	461598	3423257	461067	3423159	-2.84	1.50	-2.67	0.97	-2.65	0.97	Cumberland
9605	461589	3423208	461140	3423122	-2.72	1.31	-2.58	0.97	-2.59	0.98	Cumberland
9606	461587	3423158	461140	3423099	-2.70	1.09	-2.58	0.98	-2.58	0.98	Cumberland
9607	461587	3423109	461140	3423071	-2.71	1.29	-2.57	0.97	-2.56	0.98	Cumberland
9608	461582	3423059	461140	3423039	-2.64	1.36	-2.50	0.97	-2.50	0.97	Cumberland
9609	461579	3423009	461140	3423000	-2.62	1.52	-2.46	0.96	-2.46	0.96	Cumberland
9610	461573	3422960	461140	3422959	-2.52	1.60	-2.35	0.94	-2.36	0.96	Cumberland
9611	461569	3422910	461141	3422913	-2.50	1.41	-2.36	0.95	-2.37	0.97	Cumberland
9612	461569	3422860	461141	3422865	-2.54	1.38	-2.40	0.96	-2.41	0.97	Cumberland
9613	461569	3422810	461141	3422817	-2.57	1.38	-2.43	0.96	-2.45	0.97	Cumberland
9614	461562	3422761	461140	3422770	1.62	4.28	1.80	0.35	0.99	0.10	Cumberland
9615	461551	3422712	461138	3422723	1.32	3.81	1.50	0.31	0.77	0.08	Cumberland
9616	461545	3422662	461136	3422675	1.28	3.68	1.47	0.32	0.75	0.08	Cumberland
9617	461542	3422612	461134	3422627	1.31	3.63	1.50	0.33	0.79	0.09	Cumberland
9618	461538	3422562	461132	3422579	1.36	3.64	1.56	0.34	0.84	0.10	Cumberland
9619	461536	3422512	461130	3422529	1.41	3.60	1.60	0.36	0.89	0.11	Cumberland
9620	461531	3422463	461128	3422479	1.48	3.54	1.66	0.38	0.96	0.12	Cumberland
9621	461531	3422413	461126	3422432	1.56	3.59	1.75	0.39	1.03	0.14	Cumberland
9622	461531	3422363	461124	3422387	1.64	3.63	1.82	0.40	1.10	0.15	Cumberland
9623	461519	3422314	461122	3422339	1.72	3.59	1.92	0.44	1.21	0.17	Cumberland
9624	461519	3422264	461120	3422291	1.81	3.63	2.02	0.46	1.30	0.19	Cumberland
9625	461522	3422214	461117	3422243	1.92	4.07	2.66	0.63	2.20	0.42	Cumberland
9626	461527	3422165	461110	3422195	2.05	3.54	2.77	0.64	2.30	0.43	Cumberland
9627	461531	3422115	461104	3422146	2.15	4.13	2.36	0.47	1.54	0.21	Cumberland
9628	461533	3422065	461101	3422096	2.18	4.16	2.39	0.48	1.58	0.21	Cumberland
9629	461530	3422015	461097	3422046	2.21	4.14	2.43	0.49	1.62	0.23	Cumberland
9630	461527	3421965	461093	3421988	2.24	4.10	2.45	0.50	1.64	0.23	Cumberland
9631	461523	3421916	461090	3421927	2.28	4.04	2.49	0.51	1.69	0.25	Cumberland
9632	461520	3421866	461087	3421870	2.31	3.98	2.51	0.52	1.72	0.26	Cumberland
9633	461519	3421816	461085	3421813	2.34	3.97	2.52	0.53	1.74	0.27	Cumberland
9634	461520	3421766	461088	3421756	2.32	3.93	2.51	0.53	1.75	0.27	Cumberland
9635	461518	3421716	461093	3421699	2.30	3.86	2.49	0.54	1.74	0.28	Cumberland
9636	461517	3421666	461098	3421643	2.27	3.81	2.47	0.54	1.73	0.28	Cumberland
9637	461516	3421616	461102	3421589	2.23	3.77	2.45	0.55	1.72	0.29	Cumberland
9638	461515	3421566	461106	3421535	2.21	3.73	2.44	0.56	1.73	0.30	Cumberland
9639	461514	3421516	461110	3421485	2.18	3.71	2.40	0.56	1.71	0.30	Cumberland
9640	461512	3421466	461114	3421435	2.14	3.70	2.37	0.57	1.70	0.31	Cumberland
9641	461512	3421416	461117	3421385	2.11	3.72	2.35	0.58	1.70	0.32	Cumberland
9642	461512	3421366	461121	3421334	2.08	3.75	2.33	0.58	1.69	0.32	Cumberland
9643	461512	3421316	461125	3421282	2.06	3.80	2.31	0.59	1.70	0.33	Cumberland
9644	461513	3421266	461129	3421231	2.04	3.89	2.29	0.60	1.70	0.33	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9645	461513	3421216	461133	3421179	2.00	3.43	2.59	0.74	2.28	0.54	Cumberland
9646	461513	3421166	461138	3421127	1.99	4.04	2.24	0.61	1.69	0.35	Cumberland
9647	461513	3421116	461144	3421075	1.94	4.11	2.19	0.61	1.67	0.35	Cumberland
9648	461514	3421066	461151	3421023	1.89	3.66	2.43	0.74	2.16	0.54	Cumberland
9649	461510	3421016	461157	3420971	1.86	3.61	2.37	0.75	2.13	0.55	Cumberland
9650	461503	3420966	461164	3420920	1.83	4.11	2.07	0.64	1.63	0.38	Cumberland
9651	461496	3420917	461171	3420865	1.79	3.98	2.02	0.66	1.62	0.41	Cumberland
9652	461489	3420868	461178	3420812	1.76	3.81	1.96	0.68	1.60	0.43	Cumberland
9653	461480	3420818	461186	3420762	1.70	3.62	1.90	0.70	1.57	0.46	Cumberland
9654	461470	3420769	461194	3420714	1.64	2.93	2.00	0.82	1.85	0.65	Cumberland
9655	461460	3420720	461203	3420664	1.60	2.70	1.92	0.84	1.79	0.69	Cumberland
9656	461450	3420671	461217	3420619	1.49	2.48	1.76	0.86	1.66	0.71	Cumberland
9657	461440	3420622	461229	3420579	1.40	2.18	1.63	0.88	1.55	0.75	Cumberland
9658	461431	3420573	461239	3420537	1.35	1.96	1.54	0.90	1.48	0.79	Cumberland
9659	461430	3420523	461250	3420493	1.28	1.93	1.39	0.89	1.30	0.76	Cumberland
9660	461432	3420473	461261	3420450	1.19	1.69	1.29	0.91	1.23	0.81	Cumberland
9661	461434	3420423	461263	3420407	1.16	1.33	1.25	0.94	1.21	0.88	Cumberland
9662	461435	3420374	461263	3420362	1.14	1.05	1.23	0.97	1.22	0.94	Cumberland
9663	461437	3420324	461264	3420320	1.15	0.78	1.21	0.98	1.21	0.97	Cumberland
9664	461438	3420274	461264	3420278	1.16	0.59	1.19	0.98	1.19	0.98	Cumberland
9665	461441	3420224	461264	3420236	1.16	0.63	1.21	0.96	1.25	0.96	Cumberland
9666	461443	3420174	461262	3420191	1.19	0.64	1.22	0.95	1.28	0.94	Cumberland
9667	461447	3420124	461258	3420150	1.25	0.60	1.21	0.95	1.24	0.93	Cumberland
9668	461449	3420074	461251	3420109	1.32	0.70	1.27	0.95	1.31	0.92	Cumberland
9669	461455	3420024	461243	3420071	1.42	1.09	1.42	0.92	1.53	0.89	Cumberland
9670	461460	3419975	461235	3420032	1.53	1.40	1.52	0.91	1.63	0.86	Cumberland
9671	461464	3419925	461223	3419996	1.64	1.56	1.63	0.91	1.75	0.86	Cumberland
9672	461465	3419875	461208	3419955	1.78	1.71	1.77	0.91	1.89	0.86	Cumberland
9673	461465	3419825	461193	3419914	1.91	1.89	1.89	0.91	2.02	0.86	Cumberland
9674	461463	3419775	461177	3419872	2.04	2.07	2.01	0.92	2.14	0.86	Cumberland
9675	461461	3419725	461160	3419830	2.19	2.20	2.14	0.92	2.27	0.87	Cumberland
9676	461458	3419675	461145	3419781	2.31	2.19	2.25	0.92	2.39	0.87	Cumberland
9677	461456	3419625	461129	3419729	2.43	2.20	2.34	0.92	2.50	0.87	Cumberland
9678	461455	3419575	461112	3419675	2.54	2.33	2.43	0.93	2.59	0.88	Cumberland
9679	461453	3419525	461095	3419622	2.64	2.29	2.49	0.93	2.66	0.88	Cumberland
9680	461449	3419475	461080	3419568	2.71	2.48	2.51	0.92	2.69	0.88	Cumberland
9681	461447	3419425	461070	3419516	2.67	2.49	2.37	0.93	2.49	0.89	Cumberland
9682	461444	3419375	461060	3419463	2.74	2.76	2.46	0.89	2.68	0.86	Cumberland
9683	461440	3419325	461052	3419409	2.75	3.04	2.43	0.86	2.67	0.85	Cumberland
9684	461435	3419276	461041	3419357	2.78	3.33	2.43	0.85	2.67	0.83	Cumberland
9685	461426	3419227	461030	3419305	2.80	3.47	2.43	0.83	2.69	0.82	Cumberland
9686	461415	3419178	461020	3419256	2.80	3.50	2.43	0.83	2.68	0.82	Cumberland
9687	461402	3419130	461011	3419210	2.82	3.58	2.44	0.83	2.70	0.82	Cumberland
9688	461388	3419082	461001	3419165	2.83	3.61	2.44	0.82	2.71	0.82	Cumberland
9689	461370	3419035	460990	3419118	2.84	3.67	2.45	0.82	2.71	0.82	Cumberland
9690	461357	3418987	460981	3419069	2.82	3.70	2.43	0.82	2.68	0.81	Cumberland
9691	461344	3418938	460971	3419020	2.79	3.58	2.41	0.82	2.66	0.82	Cumberland
9692	461333	3418890	460959	3418972	2.80	3.46	2.43	0.84	2.68	0.83	Cumberland
9693	461322	3418841	460946	3418922	2.81	3.29	2.45	0.85	2.70	0.85	Cumberland
9694	461308	3418793	460936	3418875	2.78	3.15	2.44	0.86	2.69	0.86	Cumberland
9695	461294	3418745	460927	3418829	2.75	3.15	2.41	0.85	2.67	0.86	Cumberland
9696	461281	3418697	460916	3418779	2.70	3.17	2.36	0.85	2.61	0.86	Cumberland
9697	461267	3418649	460906	3418727	2.66	3.34	2.30	0.83	2.56	0.85	Cumberland
9698	461253	3418601	460894	3418675	2.61	3.37	2.25	0.83	2.49	0.85	Cumberland
9699	461237	3418553	460881	3418625	2.57	3.44	2.21	0.82	2.45	0.85	Cumberland
9700	461222	3418506	460870	3418577	2.44	3.32	2.12	0.83	2.35	0.86	Cumberland
9701	461202	3418460	460861	3418531	2.41	3.44	2.10	0.82	2.35	0.85	Cumberland
9702	461183	3418414	460853	3418486	2.31	3.39	2.01	0.81	2.27	0.85	Cumberland
9703	461162	3418368	460845	3418440	2.22	3.36	1.95	0.81	2.21	0.85	Cumberland
9704	461141	3418323	460836	3418389	2.15	3.58	1.89	0.79	2.18	0.82	Cumberland
9705	461120	3418277	460825	3418342	2.09	3.57	1.83	0.78	2.10	0.82	Cumberland
9706	461098	3418233	460810	3418295	1.98	3.50	1.74	0.78	1.99	0.82	Cumberland
9707	461077	3418187	460798	3418249	1.95	3.40	1.70	0.78	1.95	0.82	Cumberland
9708	461060	3418141	460785	3418204	1.87	3.19	1.64	0.79	1.86	0.83	Cumberland
9709	461040	3418095	460776	3418157	1.79	3.10	1.58	0.78	1.81	0.82	Cumberland
9710	461018	3418050	460767	3418108	1.69	2.91	1.50	0.78	1.72	0.82	Cumberland
9711	460995	3418005	460758	3418060	1.58	2.75	1.41	0.78	1.64	0.81	Cumberland
9712	460972	3417961	460749	3418016	1.48	2.75	1.33	0.76	1.56	0.79	Cumberland
9713	460953	3417915	460737	3417972	1.41	2.64	1.27	0.76	1.49	0.79	Cumberland
9714	460929	3417871	460726	3417928	1.30	2.44	1.19	0.76	1.40	0.78	Cumberland
9715	460904	3417828	460714	3417885	1.22	2.07	1.13	0.79	1.32	0.80	Cumberland
9716	460878	3417785	460698	3417841	1.14	1.74	1.08	0.82	1.24	0.82	Cumberland
9717	460854	3417741	460682	3417794	1.10	1.59	1.04	0.81	1.21	0.82	Cumberland
9718	460830	3417697	460667	3417748	1.01	1.46	0.97	0.80	1.13	0.81	Cumberland
9719	460807	3417653	460650	3417703	0.94	1.59	0.89	0.74	1.06	0.76	Cumberland
9720	460784	3417609	460635	3417654	0.88	1.47	0.82	0.70	1.00	0.73	Cumberland
9721	460760	3417565	460623	3417605	0.80	1.32	0.74	0.67	0.92	0.71	Cumberland
9722	460738	3417520	460611	3417556	0.73	1.20	0.67	0.64	0.85	0.69	Cumberland
9723	460719	3417474	460596	3417509	0.67	1.12	0.62	0.61	0.79	0.67	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9724	460699	3417428	460585	3417457	0.63	1.05	0.58	0.60	0.74	0.65	Cumberland
9725	460680	3417382	460574	3417408	0.54	0.88	0.51	0.60	0.65	0.65	Cumberland
9726	460660	3417336	460559	3417361	0.44	0.74	0.42	0.54	0.55	0.60	Cumberland
9727	460642	3417290	460546	3417316	0.24	0.63	0.25	0.38	0.35	0.46	Cumberland
9728	460622	3417244	460533	3417267	0.20	0.56	0.20	0.31	0.29	0.41	Cumberland
9729	460604	3417197	460526	3417218	0.08	0.64	0.10	0.11	0.18	0.22	Cumberland
9730	460581	3417153	460517	3417170	-0.17	0.85	-0.09	0.13	-0.10	0.13	Cumberland
9731	460550	3417114	460501	3417128	-0.13	0.81	-0.07	0.08	-0.06	0.05	Cumberland
9732	460528	3417072	460490	3417083	0.01	0.77	0.04	0.03	0.09	0.10	Cumberland
9733	460521	3417023	460479	3417036	-0.05	0.77	-0.01	0.01	0.02	0.00	Cumberland
9734	460509	3416975	460467	3416989	-0.10	0.86	-0.06	0.09	-0.04	0.02	Cumberland
9735	460490	3416929	460448	3416942	-0.11	0.90	-0.09	0.17	-0.07	0.06	Cumberland
9736	460479	3416880	460434	3416893	-0.20	1.06	-0.16	0.35	-0.15	0.17	Cumberland
9737	460470	3416831	460419	3416846	-0.27	1.15	-0.22	0.47	-0.22	0.27	Cumberland
9738	460458	3416782	460404	3416799	-0.29	1.43	-0.24	0.40	-0.23	0.22	Cumberland
9739	460444	3416734	460387	3416752	-0.29	1.50	-0.23	0.34	-0.22	0.19	Cumberland
9740	460433	3416685	460377	3416703	-0.34	1.63	-0.26	0.36	-0.27	0.22	Cumberland
9741	460419	3416637	460366	3416655	-0.33	1.71	-0.26	0.35	-0.26	0.19	Cumberland
9742	460407	3416589	460349	3416608	-0.38	1.71	-0.32	0.44	-0.32	0.26	Cumberland
9743	460397	3416540	460342	3416557	-0.34	1.67	-0.30	0.43	-0.27	0.23	Cumberland
9744	460385	3416491	460322	3416511	-0.42	1.82	-0.37	0.50	-0.35	0.29	Cumberland
9745	460371	3416443	460303	3416466	-0.46	2.04	-0.39	0.47	-0.39	0.28	Cumberland
9746	460360	3416395	460290	3416418	-0.46	2.08	-0.38	0.44	-0.39	0.27	Cumberland
9747	460351	3416346	460274	3416371	-0.47	2.26	-0.40	0.43	-0.42	0.26	Cumberland
9748	460337	3416298	460266	3416322	-0.48	2.15	-0.43	0.50	-0.42	0.29	Cumberland
9749	460326	3416249	460246	3416274	-0.53	2.11	-0.48	0.57	-0.48	0.36	Cumberland
9750	460309	3416202	460228	3416226	-0.54	2.11	-0.47	0.54	-0.48	0.35	Cumberland
9751	460297	3416154	460212	3416179	-0.53	1.84	-0.47	0.61	-0.48	0.41	Cumberland
9752	460288	3416105	460198	3416132	-0.58	1.70	-0.50	0.66	-0.52	0.48	Cumberland
9753	460278	3416056	460185	3416085	-0.63	1.79	-0.56	0.69	-0.58	0.51	Cumberland
9754	460264	3416008	460169	3416035	-0.64	2.01	-0.57	0.65	-0.60	0.46	Cumberland
9755	460250	3415960	460156	3415987	-0.64	2.06	-0.59	0.66	-0.62	0.47	Cumberland
9756	460239	3415911	460143	3415938	-0.66	2.11	-0.61	0.66	-0.63	0.47	Cumberland
9757	460226	3415863	460130	3415890	-0.66	2.22	-0.60	0.62	-0.64	0.44	Cumberland
9758	460215	3415814	460116	3415842	-0.70	2.18	-0.69	0.70	-0.71	0.53	Cumberland
9759	460205	3415765	460101	3415795	-0.74	1.94	-0.74	0.77	-0.76	0.62	Cumberland
9760	460190	3415717	460087	3415747	-0.73	1.77	-0.73	0.79	-0.76	0.65	Cumberland
9761	460182	3415668	460074	3415699	-0.77	1.69	-0.77	0.82	-0.79	0.69	Cumberland
9762	460173	3415620	460061	3415651	-0.78	1.67	-0.77	0.83	-0.79	0.70	Cumberland
9763	460156	3415573	460046	3415602	-0.73	1.73	-0.72	0.80	-0.74	0.66	Cumberland
9764	460142	3415525	460033	3415555	-0.71	1.76	-0.70	0.78	-0.73	0.63	Cumberland
9765	460134	3415475	460021	3415507	-0.76	1.86	-0.76	0.79	-0.78	0.64	Cumberland
9766	460124	3415426	460008	3415458	-0.76	2.03	-0.77	0.77	-0.79	0.62	Cumberland
9767	460111	3415378	459994	3415410	-0.77	2.07	-0.78	0.75	-0.80	0.61	Cumberland
9768	460098	3415330	459980	3415362	-0.78	2.23	-0.79	0.73	-0.82	0.59	Cumberland
9769	460104	3415284	459967	3415321	-0.80	2.26	-0.82	0.74	-0.84	0.60	Cumberland
9770	460092	3415236	459956	3415274	-0.84	2.25	-0.86	0.76	-0.89	0.62	Cumberland
9771	460079	3415188	459944	3415226	-0.85	2.15	-0.88	0.77	-0.91	0.65	Cumberland
9772	460066	3415139	459930	3415179	-0.79	2.00	-0.85	0.78	-0.86	0.69	Cumberland
9773	460055	3415091	459916	3415129	-0.89	1.91	-0.93	0.81	-0.97	0.71	Cumberland
9774	460044	3415042	459902	3415081	-0.91	1.78	-0.94	0.82	-0.99	0.74	Cumberland
9775	460031	3414994	459891	3415032	-0.92	1.77	-0.95	0.81	-1.01	0.73	Cumberland
9776	460017	3414945	459877	3414983	-0.92	1.80	-0.95	0.79	-1.02	0.71	Cumberland
9777	460009	3414896	459864	3414934	-0.92	1.75	-0.95	0.79	-1.03	0.71	Cumberland
9778	460000	3414847	459848	3414886	-0.90	1.60	-0.93	0.79	-1.01	0.73	Cumberland
9779	459990	3414798	459834	3414838	-0.89	1.60	-0.92	0.79	-1.00	0.72	Cumberland
9780	459976	3414750	459823	3414789	-0.89	1.40	-0.91	0.79	-1.01	0.74	Cumberland
9781	459965	3414701	459811	3414742	-0.88	1.18	-0.90	0.80	-1.01	0.75	Cumberland
9782	459959	3414652	459799	3414694	-0.89	1.11	-0.91	0.80	-1.01	0.76	Cumberland
9783	459954	3414602	459786	3414645	-0.93	1.17	-0.94	0.82	-1.04	0.77	Cumberland
9784	459938	3414555	459773	3414598	-0.95	0.93	-0.95	0.84	-1.06	0.81	Cumberland
9785	459932	3414505	459759	3414550	-0.96	1.05	-0.95	0.82	-1.07	0.78	Cumberland
9786	459922	3414456	459745	3414502	-0.95	1.31	-0.94	0.78	-1.07	0.73	Cumberland
9787	459913	3414407	459733	3414453	-0.98	1.25	-0.96	0.78	-1.10	0.73	Cumberland
9788	459906	3414357	459722	3414404	-1.02	1.22	-0.99	0.81	-1.12	0.76	Cumberland
9789	459897	3414308	459711	3414353	-1.03	1.14	-1.01	0.82	-1.14	0.77	Cumberland
9790	459889	3414259	459700	3414306	-0.99	1.05	-0.97	0.79	-1.11	0.76	Cumberland
9791	459879	3414210	459688	3414256	-1.00	1.03	-0.98	0.79	-1.12	0.76	Cumberland
9792	459868	3414161	459677	3414207	-1.04	1.09	-1.01	0.80	-1.16	0.76	Cumberland
9793	459853	3414113	459667	3414160	-1.07	1.04	-1.03	0.79	-1.19	0.76	Cumberland
9794	459841	3414065	459654	3414114	-1.04	1.04	-1.00	0.79	-1.16	0.76	Cumberland
9795	459831	3414016	459643	3414065	-1.02	1.00	-0.99	0.78	-1.14	0.75	Cumberland
9796	459817	3413968	459633	3414018	-1.00	1.02	-0.99	0.78	-1.14	0.75	Cumberland
9797	459801	3413920	459620	3413969	-1.00	1.11	-1.00	0.77	-1.15	0.74	Cumberland
9798	459786	3413873	459606	3413922	-1.00	1.14	-1.00	0.77	-1.15	0.74	Cumberland
9799	459770	3413825	459590	3413873	-1.00	1.10	-1.00	0.79	-1.14	0.76	Cumberland
9800	459761	3413776	459578	3413826	-1.01	1.03	-1.01	0.81	-1.14	0.78	Cumberland
9801	459753	3413727	459564	3413779	-1.02	1.06	-1.01	0.78	-1.17	0.75	Cumberland
9802	459740	3413679	459552	3413732	-1.02	1.03	-1.02	0.77	-1.18	0.75	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9803	459729	3413630	459540	3413683	-0.99	0.98	-0.99	0.76	-1.16	0.75	Cumberland
9804	459718	3413581	459528	3413636	-0.98	1.01	-0.98	0.74	-1.15	0.74	Cumberland
9805	459706	3413533	459514	3413586	-0.97	1.06	-0.97	0.72	-1.15	0.73	Cumberland
9806	459697	3413483	459497	3413539	-0.97	1.13	-0.97	0.72	-1.16	0.73	Cumberland
9807	459685	3413435	459486	3413492	-0.97	1.10	-0.96	0.72	-1.15	0.73	Cumberland
9808	459672	3413387	459473	3413448	-0.92	1.11	-0.93	0.71	-1.11	0.72	Cumberland
9809	459658	3413339	459462	3413399	-1.01	1.15	-0.98	0.71	-1.19	0.72	Cumberland
9810	459641	3413292	459450	3413349	-1.01	1.23	-0.98	0.71	-1.19	0.73	Cumberland
9811	459629	3413243	459434	3413299	-1.04	1.22	-1.01	0.74	-1.21	0.75	Cumberland
9812	459618	3413194	459416	3413255	-1.05	1.34	-1.01	0.74	-1.22	0.76	Cumberland
9813	459606	3413146	459401	3413209	-1.04	1.34	-1.00	0.72	-1.21	0.74	Cumberland
9814	459591	3413099	459385	3413164	-1.00	1.48	-0.96	0.67	-1.19	0.70	Cumberland
9815	459575	3413051	459373	3413115	-0.97	1.74	-0.94	0.65	-1.17	0.69	Cumberland
9816	459560	3413004	459355	3413067	-0.96	1.70	-0.93	0.66	-1.15	0.69	Cumberland
9817	459544	3412956	459340	3413015	-0.92	1.62	-0.90	0.65	-1.11	0.69	Cumberland
9818	459528	3412909	459325	3412964	-0.91	1.69	-0.89	0.66	-1.09	0.69	Cumberland
9819	459515	3412861	459313	3412917	-0.88	1.72	-0.86	0.66	-1.06	0.69	Cumberland
9820	459500	3412813	459303	3412870	-0.84	1.60	-0.81	0.65	-1.00	0.69	Cumberland
9821	459480	3412767	459289	3412817	-0.78	1.55	-0.76	0.65	-0.94	0.68	Cumberland
9822	459460	3412722	459277	3412768	-0.72	1.29	-0.70	0.62	-0.88	0.66	Cumberland
9823	459446	3412674	459268	3412719	-0.64	1.12	-0.62	0.55	-0.80	0.61	Cumberland
9824	459430	3412626	459252	3412673	-0.59	1.04	-0.57	0.47	-0.76	0.54	Cumberland
9825	459410	3412581	459239	3412626	-0.55	1.08	-0.53	0.41	-0.74	0.50	Cumberland
9826	459397	3412532	459229	3412580	-0.51	1.09	-0.49	0.38	-0.69	0.48	Cumberland
9827	459379	3412486	459215	3412538	-0.48	1.14	-0.44	0.34	-0.65	0.46	Cumberland
9828	459364	3412438	459201	3412491	-0.43	1.12	-0.39	0.28	-0.60	0.41	Cumberland
9829	459347	3412391	459186	3412441	-0.36	1.33	-0.32	0.19	-0.54	0.34	Cumberland
9830	459334	3412343	459170	3412400	-0.29	1.20	-0.23	0.10	-0.47	0.25	Cumberland
9831	459318	3412295	459148	3412353	-0.27	1.29	-0.19	0.06	-0.44	0.21	Cumberland
9832	459305	3412247	459130	3412306	-0.27	1.36	-0.18	0.05	-0.44	0.20	Cumberland
9833	459290	3412200	459115	3412259	-0.22	1.38	-0.13	0.02	-0.40	0.15	Cumberland
9834	459270	3412154	459084	3412222	-0.15	1.45	-0.06	0.01	-0.34	0.10	Cumberland
9835	459254	3412106	459083	3412173	-0.10	1.49	0.00	0.00	-0.28	0.07	Cumberland
9836	459241	3412058	459072	3412126	-0.06	1.47	0.03	0.00	-0.25	0.06	Cumberland
9837	459224	3412011	459059	3412083	0.00	1.56	0.09	0.01	-0.21	0.03	Cumberland
9838	459208	3411964	459043	3412044	0.09	1.57	0.18	0.04	-0.13	0.01	Cumberland
9839	459190	3411917	459018	3412004	0.20	1.57	0.29	0.08	-0.02	0.00	Cumberland
9840	459175	3411869	458998	3411972	0.29	1.58	0.37	0.13	0.05	0.00	Cumberland
9841	459160	3411822	458976	3411937	0.39	1.53	0.47	0.20	0.16	0.02	Cumberland
9842	459141	3411775	458953	3411905	0.48	1.63	0.56	0.24	0.24	0.04	Cumberland
9843	459120	3411730	458928	3411869	0.61	1.65	0.70	0.33	0.37	0.09	Cumberland
9844	459101	3411684	458901	3411834	0.73	1.83	0.84	0.39	0.50	0.13	Cumberland
9845	459085	3411637	458877	3411802	0.84	1.82	0.96	0.45	0.60	0.18	Cumberland
9846	459069	3411589	458853	3411770	0.93	1.86	1.06	0.48	0.69	0.22	Cumberland
9847	459052	3411542	458827	3411739	1.05	2.05	1.18	0.49	0.78	0.23	Cumberland
9848	459035	3411496	458800	3411707	1.17	2.13	1.31	0.52	0.89	0.26	Cumberland
9849	459015	3411450	458769	3411677	1.33	2.22	1.49	0.57	1.04	0.31	Cumberland
9850	458987	3411409	458735	3411644	1.48	2.45	1.65	0.57	1.17	0.32	Cumberland
9851	458968	3411362	458701	3411611	1.66	2.67	1.83	0.59	1.32	0.33	Cumberland
9852	458946	3411317	458666	3411575	1.81	2.86	1.99	0.60	1.47	0.35	Cumberland
9853	458925	3411272	458632	3411540	1.99	2.86	2.16	0.64	1.63	0.40	Cumberland
9854	458904	3411227	458599	3411502	2.14	3.10	2.30	0.65	1.76	0.41	Cumberland
9855	458886	3411180	458562	3411456	2.26	2.98	2.42	0.69	1.90	0.47	Cumberland
9856	458863	3411135	458525	3411407	2.35	2.90	2.51	0.71	2.00	0.51	Cumberland
9857	458832	3411098	458486	3411362	2.47	2.88	2.62	0.73	2.11	0.53	Cumberland
9858	458790	3411071	458447	3411320	2.62	2.91	2.78	0.76	2.28	0.57	Cumberland
9859	458753	3411040	458418	3411277	2.71	3.36	2.87	0.76	2.38	0.57	Cumberland
9860	458733	3410996	458393	3411234	2.74	3.60	2.92	0.77	2.45	0.58	Cumberland
9861	458699	3410960	458364	3411186	2.75	3.28	2.94	0.79	2.48	0.62	Cumberland
9862	458664	3410923	458333	3411137	2.76	2.94	2.95	0.81	2.50	0.66	Cumberland
9863	458641	3410879	458301	3411087	2.76	2.71	2.96	0.83	2.52	0.69	Cumberland
9864	458617	3410835	458273	3411046	2.77	2.60	2.98	0.84	2.55	0.71	Cumberland
9865	458593	3410791	458247	3411002	2.73	2.52	2.96	0.84	2.54	0.73	Cumberland
9866	458568	3410748	458221	3410956	2.69	2.54	2.93	0.85	2.52	0.75	Cumberland
9867	458546	3410703	458197	3410912	2.65	2.59	2.92	0.86	2.52	0.77	Cumberland
9868	458519	3410661	458172	3410870	2.60	2.69	2.88	0.86	2.50	0.78	Cumberland
9869	458490	3410620	458145	3410824	2.55	2.74	2.85	0.86	2.48	0.78	Cumberland
9870	458461	3410579	458121	3410782	2.45	2.90	2.76	0.85	2.39	0.76	Cumberland
9871	458432	3410539	458097	3410737	2.40	2.88	2.71	0.86	2.36	0.79	Cumberland
9872	458401	3410500	458068	3410695	2.37	2.93	2.69	0.86	2.35	0.79	Cumberland
9873	458368	3410462	458040	3410653	2.32	3.00	2.65	0.85	2.31	0.77	Cumberland
9874	458335	3410424	458016	3410613	2.25	3.02	2.57	0.84	2.24	0.74	Cumberland
9875	458301	3410387	457994	3410575	2.19	2.87	2.50	0.84	2.17	0.75	Cumberland
9876	458268	3410350	457970	3410529	2.14	2.69	2.43	0.85	2.11	0.75	Cumberland
9877	458238	3410310	457944	3410480	2.09	2.65	2.37	0.84	2.06	0.74	Cumberland
9878	458205	3410273	457916	3410438	2.21	2.23	2.44	0.88	2.17	0.80	Cumberland
9879	458170	3410237	457888	3410396	2.22	2.11	2.42	0.89	2.16	0.81	Cumberland
9880	458136	3410200	457864	3410354	2.24	1.88	2.41	0.91	2.18	0.84	Cumberland
9881	458107	3410160	457841	3410310	2.22	1.82	2.37	0.92	2.16	0.85	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9882	458079	3410118	457817	3410265	2.18	1.57	2.31	0.93	2.13	0.88	Cumberland
9883	458051	3410078	457792	3410219	2.14	1.50	2.26	0.94	2.09	0.88	Cumberland
9884	458026	3410034	457768	3410172	2.12	1.46	2.24	0.94	2.08	0.89	Cumberland
9885	458004	3409990	457745	3410127	2.12	1.36	2.24	0.95	2.10	0.91	Cumberland
9886	457985	3409945	457722	3410082	2.15	1.15	2.25	0.97	2.15	0.95	Cumberland
9887	457964	3409900	457698	3410038	2.16	0.82	2.23	0.98	2.14	0.97	Cumberland
9888	457946	3409854	457674	3409996	2.23	0.42	2.26	0.99	2.20	0.99	Cumberland
9889	457926	3409808	457650	3409949	2.25	0.32	2.26	1.00	2.22	0.99	Cumberland
9890	457904	3409764	457628	3409903	2.25	0.34	2.25	1.00	2.21	0.99	Cumberland
9891	457863	3409746	457611	3409871	2.04	0.50	2.08	0.98	1.99	0.97	Cumberland
9892	457847	3409699	457588	3409826	2.09	0.29	2.10	0.99	2.05	0.99	Cumberland
9893	457822	3409655	457567	3409779	2.06	0.25	2.07	1.00	2.03	0.99	Cumberland
9894	457798	3409611	457547	3409734	2.03	0.23	2.05	1.00	2.01	1.00	Cumberland
9895	457775	3409567	457526	3409689	2.01	0.27	2.03	1.00	2.00	1.00	Cumberland
9896	457753	3409522	457504	3409641	2.00	0.29	2.02	1.00	2.00	1.00	Cumberland
9897	457731	3409477	457480	3409594	2.00	0.20	2.02	1.00	2.00	1.00	Cumberland
9898	457707	3409433	457457	3409550	2.00	0.22	2.02	1.00	2.00	1.00	Cumberland
9899	457685	3409388	457434	3409504	2.00	0.20	2.02	1.00	2.02	1.00	Cumberland
9900	457665	3409343	457412	3409459	2.02	0.19	2.03	1.00	2.03	1.00	Cumberland
9901	457642	3409298	457392	3409411	1.99	0.25	1.99	1.00	2.00	1.00	Cumberland
9902	457618	3409254	457372	3409363	1.95	0.43	1.95	1.00	1.96	1.00	Cumberland
9903	457593	3409211	457351	3409315	1.90	0.41	1.91	1.00	1.90	1.00	Cumberland
9904	457570	3409167	457331	3409266	1.87	0.47	1.88	1.00	1.88	0.99	Cumberland
9905	457548	3409122	457311	3409220	1.86	0.53	1.87	1.00	1.87	0.99	Cumberland
9906	457526	3409077	457292	3409175	1.83	0.33	1.84	1.00	1.85	1.00	Cumberland
9907	457507	3409031	457273	3409129	1.83	0.22	1.82	1.00	1.85	0.99	Cumberland
9908	457486	3408985	457254	3409082	1.81	0.34	1.79	0.99	1.83	0.99	Cumberland
9909	457465	3408940	457235	3409036	1.79	0.28	1.77	0.99	1.81	0.99	Cumberland
9910	457444	3408894	457216	3408989	1.79	0.32	1.76	0.99	1.81	0.99	Cumberland
9911	457430	3408847	457197	3408944	1.83	0.60	1.78	0.99	1.85	0.99	Cumberland
9912	457412	3408800	457178	3408900	1.84	0.62	1.80	0.99	1.87	0.99	Cumberland
9913	457391	3408755	457159	3408854	1.82	0.78	1.78	0.99	1.84	0.98	Cumberland
9914	457375	3408708	457140	3408807	1.84	0.97	1.78	0.98	1.86	0.98	Cumberland
9915	457352	3408663	457119	3408760	1.82	0.98	1.74	0.97	1.83	0.97	Cumberland
9916	457330	3408618	457097	3408712	1.80	1.13	1.71	0.96	1.81	0.97	Cumberland
9917	457311	3408574	457076	3408664	1.81	1.33	1.71	0.96	1.82	0.96	Cumberland
9918	457296	3408526	457057	3408616	1.84	1.52	1.73	0.94	1.84	0.95	Cumberland
9919	457280	3408479	457040	3408571	1.85	1.69	1.71	0.93	1.84	0.94	Cumberland
9920	457258	3408442	457026	3408531	1.72	1.66	1.59	0.93	1.69	0.94	Cumberland
9921	457247	3408397	457012	3408484	1.80	1.91	1.65	0.90	1.80	0.92	Cumberland
9922	457224	3408352	456999	3408435	1.73	1.90	1.57	0.89	1.73	0.90	Cumberland
9923	457202	3408311	456980	3408392	1.70	1.88	1.55	0.89	1.71	0.91	Cumberland
9924	457187	3408264	456959	3408345	1.74	1.92	1.59	0.89	1.75	0.91	Cumberland
9925	457163	3408221	456943	3408300	1.68	1.86	1.55	0.90	1.69	0.92	Cumberland
9926	457142	3408175	456926	3408256	1.66	1.76	1.54	0.91	1.67	0.92	Cumberland
9927	457126	3408128	456909	3408210	1.66	1.67	1.55	0.91	1.69	0.92	Cumberland
9928	457107	3408083	456893	3408161	1.63	1.66	1.53	0.91	1.67	0.92	Cumberland
9929	457085	3408039	456879	3408113	1.57	1.58	1.47	0.91	1.63	0.91	Cumberland
9930	457071	3407993	456862	3408067	1.57	1.55	1.46	0.90	1.62	0.91	Cumberland
9931	457051	3407949	456844	3408021	1.52	1.46	1.42	0.90	1.57	0.91	Cumberland
9932	457046	3407901	456828	3407977	1.66	1.66	1.53	0.87	1.73	0.88	Cumberland
9933	457028	3407855	456811	3407930	1.65	1.57	1.53	0.87	1.73	0.88	Cumberland
9934	457008	3407809	456794	3407883	1.63	1.49	1.51	0.87	1.72	0.87	Cumberland
9935	456990	3407762	456777	3407835	1.62	1.52	1.50	0.86	1.71	0.87	Cumberland
9936	456960	3407726	456763	3407791	1.48	1.34	1.39	0.88	1.56	0.89	Cumberland
9937	456953	3407679	456748	3407747	1.55	1.55	1.44	0.85	1.64	0.86	Cumberland
9938	456935	3407633	456733	3407700	1.52	1.60	1.41	0.85	1.62	0.86	Cumberland
9939	456922	3407585	456718	3407651	1.54	1.49	1.43	0.84	1.64	0.85	Cumberland
9940	456904	3407544	456705	3407608	1.46	1.28	1.37	0.86	1.56	0.86	Cumberland
9941	456880	3407509	456693	3407570	1.39	1.13	1.31	0.86	1.50	0.87	Cumberland
9942	456865	3407461	456676	3407524	1.42	1.10	1.35	0.86	1.54	0.86	Cumberland
9943	456847	3407415	456661	3407475	1.40	1.10	1.34	0.85	1.53	0.85	Cumberland
9944	456834	3407367	456646	3407428	1.41	1.11	1.34	0.85	1.54	0.85	Cumberland
9945	456814	3407321	456630	3407382	1.38	1.07	1.33	0.86	1.51	0.86	Cumberland
9946	456795	3407275	456613	3407334	1.36	1.06	1.31	0.87	1.48	0.87	Cumberland
9947	456778	3407228	456599	3407285	1.34	1.15	1.28	0.85	1.47	0.85	Cumberland
9948	456762	3407181	456585	3407236	1.32	1.19	1.26	0.82	1.46	0.83	Cumberland
9949	456743	3407135	456570	3407187	1.29	1.23	1.23	0.81	1.43	0.82	Cumberland
9950	456727	3407088	456554	3407138	1.27	1.29	1.23	0.81	1.43	0.82	Cumberland
9951	456716	3407039	456540	3407089	1.30	1.27	1.23	0.78	1.46	0.79	Cumberland
9952	456700	3406991	456526	3407042	1.29	1.26	1.22	0.76	1.45	0.78	Cumberland
9953	456688	3406943	456513	3406995	1.30	1.43	1.21	0.75	1.46	0.77	Cumberland
9954	456677	3406894	456501	3406945	1.30	1.60	1.20	0.72	1.47	0.75	Cumberland
9955	456667	3406845	456488	3406896	1.33	1.74	1.22	0.71	1.49	0.74	Cumberland
9956	456656	3406797	456473	3406847	1.35	1.92	1.23	0.70	1.51	0.74	Cumberland
9957	456642	3406749	456455	3406799	1.36	1.93	1.24	0.69	1.53	0.73	Cumberland
9958	456628	3406701	456442	3406752	1.36	1.78	1.24	0.69	1.53	0.72	Cumberland
9959	456610	3406654	456430	3406705	1.32	1.65	1.20	0.69	1.49	0.72	Cumberland
9960	456582	3406618	456420	3406664	1.16	1.33	1.08	0.70	1.32	0.73	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
9961	456573	3406571	456409	3406618	1.18	1.34	1.09	0.68	1.35	0.71	Cumberland
9962	456558	3406524	456396	3406569	1.16	1.34	1.06	0.66	1.32	0.69	Cumberland
9963	456544	3406476	456381	3406521	1.13	1.38	1.03	0.64	1.30	0.68	Cumberland
9964	456526	3406429	456366	3406474	1.06	1.36	0.97	0.61	1.24	0.65	Cumberland
9965	456512	3406381	456352	3406426	1.02	1.40	0.95	0.59	1.22	0.64	Cumberland
9966	456503	3406332	456338	3406378	1.07	1.41	1.00	0.61	1.27	0.65	Cumberland
9967	456488	3406284	456324	3406331	1.07	1.37	1.00	0.62	1.27	0.66	Cumberland
9968	456476	3406236	456310	3406282	1.02	1.41	0.96	0.57	1.24	0.61	Cumberland
9969	456467	3406186	456298	3406232	1.02	1.47	0.94	0.53	1.24	0.59	Cumberland
9970	456458	3406137	456285	3406183	1.05	1.52	0.96	0.53	1.27	0.58	Cumberland
9971	456449	3406088	456271	3406134	1.06	1.57	0.98	0.53	1.29	0.59	Cumberland
9972	456437	3406041	456257	3406088	1.07	1.63	0.98	0.52	1.30	0.59	Cumberland
9973	456426	3405993	456245	3406040	1.07	1.63	0.99	0.53	1.30	0.59	Cumberland
9974	456410	3405945	456234	3405992	1.05	1.62	0.97	0.54	1.27	0.60	Cumberland
9975	456398	3405897	456222	3405943	1.04	1.70	0.96	0.54	1.27	0.61	Cumberland
9976	456385	3405849	456207	3405893	1.03	1.73	0.95	0.53	1.26	0.60	Cumberland
9977	456376	3405799	456193	3405844	1.05	1.77	0.96	0.50	1.29	0.58	Cumberland
9978	456360	3405752	456181	3405797	1.00	1.71	0.92	0.50	1.24	0.57	Cumberland
9979	456345	3405705	456169	3405748	0.96	1.69	0.89	0.48	1.20	0.56	Cumberland
9980	456342	3405655	456161	3405698	0.99	1.71	0.90	0.47	1.23	0.55	Cumberland
9981	456329	3405607	456149	3405649	0.98	1.70	0.90	0.47	1.23	0.55	Cumberland
9982	456320	3405557	456136	3405600	0.99	1.72	0.92	0.46	1.25	0.54	Cumberland
9983	456313	3405508	456126	3405551	1.01	1.76	0.93	0.46	1.27	0.54	Cumberland
9984	456301	3405461	456117	3405504	0.98	1.77	0.90	0.46	1.23	0.54	Cumberland
9985	456297	3405414	456106	3405460	1.05	1.96	0.96	0.47	1.31	0.56	Cumberland
9986	456288	3405365	456093	3405410	1.07	2.10	0.97	0.47	1.32	0.56	Cumberland
9987	456270	3405319	456080	3405362	1.00	2.08	0.92	0.45	1.26	0.54	Cumberland
9988	456261	3405270	456069	3405314	1.00	2.20	0.92	0.45	1.27	0.54	Cumberland
9989	456250	3405221	456056	3405265	0.99	2.24	0.91	0.44	1.27	0.53	Cumberland
9990	456241	3405172	456046	3405213	0.99	2.14	0.92	0.44	1.27	0.53	Cumberland
9991	456229	3405123	456037	3405162	0.96	2.04	0.90	0.43	1.24	0.52	Cumberland
9992	456222	3405074	456024	3405113	0.96	2.17	0.90	0.41	1.26	0.51	Cumberland
9993	456213	3405025	456013	3405063	0.97	2.29	0.90	0.41	1.27	0.51	Cumberland
9994	456206	3404975	456003	3405011	0.98	2.37	0.93	0.43	1.29	0.52	Cumberland
9995	456198	3404928	455996	3404964	0.98	2.40	0.93	0.44	1.28	0.53	Cumberland
9996	456188	3404880	455988	3404911	0.98	2.42	0.95	0.46	1.29	0.54	Cumberland
9997	456181	3404830	455978	3404862	0.73	2.76	0.59	0.29	0.81	0.34	Cumberland
9998	456173	3404781	455971	3404812	0.72	2.77	0.58	0.28	0.80	0.33	Cumberland
9999	456164	3404732	455964	3404763	0.74	2.75	0.61	0.31	0.82	0.36	Cumberland
10000	456152	3404683	455954	3404716	0.70	2.75	0.58	0.29	0.79	0.34	Cumberland
10001	456141	3404634	455949	3404667	0.72	2.46	0.57	0.30	0.78	0.34	Cumberland
10002	456133	3404585	455939	3404615	0.74	2.41	0.57	0.30	0.78	0.34	Cumberland
10003	456125	3404536	455930	3404566	0.75	2.49	0.59	0.30	0.80	0.35	Cumberland
10004	456124	3404486	455920	3404519	0.79	2.48	0.60	0.29	0.82	0.34	Cumberland
10005	456119	3404436	455909	3404472	0.80	2.49	0.61	0.28	0.83	0.33	Cumberland
10006	456111	3404387	455900	3404423	0.77	2.59	0.58	0.25	0.81	0.30	Cumberland
10007	456106	3404337	455895	3404371	0.80	2.45	0.59	0.26	0.82	0.31	Cumberland
10008	456101	3404287	455887	3404321	0.85	2.38	0.62	0.28	0.85	0.32	Cumberland
10009	456096	3404238	455879	3404271	0.83	2.51	0.61	0.27	0.85	0.31	Cumberland
10010	456090	3404188	455869	3404219	0.83	2.61	0.64	0.28	0.87	0.32	Cumberland
10011	456093	3404139	455860	3404175	0.87	2.89	0.67	0.27	0.92	0.32	Cumberland
10012	456085	3404090	455854	3404123	0.82	2.92	0.64	0.26	0.89	0.31	Cumberland
10013	456078	3404041	455846	3404072	0.87	2.88	0.68	0.29	0.93	0.33	Cumberland
10014	456074	3403991	455841	3404020	0.95	2.75	0.75	0.34	0.99	0.37	Cumberland
10015	456068	3403941	455831	3403969	0.91	3.02	0.72	0.31	0.97	0.35	Cumberland
10016	456062	3403892	455827	3403921	0.92	2.94	0.73	0.32	0.98	0.36	Cumberland
10017	456057	3403842	455824	3403867	0.98	2.61	0.77	0.35	1.01	0.38	Cumberland
10018	456054	3403792	455821	3403814	0.99	2.55	0.79	0.37	1.02	0.39	Cumberland
10019	456052	3403742	455817	3403765	1.04	2.40	0.94	0.38	1.31	0.46	Cumberland
10020	456047	3403692	455809	3403712	0.95	2.50	0.85	0.31	1.24	0.41	Cumberland
10021	456044	3403642	455806	3403664	0.99	2.50	0.88	0.34	1.27	0.42	Cumberland
10022	456041	3403593	455806	3403614	0.95	2.46	0.84	0.31	1.23	0.41	Cumberland
10023	456040	3403543	455801	3403565	0.93	2.52	0.82	0.29	1.22	0.39	Cumberland
10024	456038	3403493	455796	3403515	0.90	2.54	0.79	0.26	1.20	0.36	Cumberland
10025	456037	3403443	455791	3403463	0.97	2.46	0.86	0.30	1.27	0.39	Cumberland
10026	456037	3403393	455787	3403414	1.01	2.45	0.90	0.31	1.31	0.40	Cumberland
10027	456043	3403343	455781	3403365	1.08	2.54	0.94	0.31	1.38	0.40	Cumberland
10028	456043	3403293	455776	3403314	1.16	2.56	1.01	0.34	1.45	0.43	Cumberland
10029	456040	3403243	455772	3403264	1.20	2.56	1.05	0.37	1.49	0.44	Cumberland
10030	456014	3403214	455770	3403235	1.02	2.40	0.94	0.36	1.32	0.44	Cumberland
10031	456002	3403167	455768	3403186	0.92	2.30	0.87	0.36	1.21	0.43	Cumberland
10032	456004	3403117	455766	3403133	0.96	2.30	0.90	0.37	1.25	0.44	Cumberland
10033	456005	3403067	455761	3403082	1.02	2.28	0.95	0.38	1.31	0.45	Cumberland
10034	456003	3403018	455754	3403030	1.08	2.34	1.02	0.40	1.38	0.46	Cumberland
10035	456002	3402968	455748	3402980	1.12	2.42	1.06	0.41	1.43	0.47	Cumberland
10036	456001	3402918	455747	3402929	1.16	2.43	1.10	0.44	1.47	0.49	Cumberland
10037	456001	3402868	455746	3402879	1.16	2.42	1.10	0.44	1.46	0.50	Cumberland
10038	456001	3402818	455746	3402827	1.20	2.42	1.13	0.47	1.49	0.52	Cumberland
10039	456003	3402768	455745	3402774	1.22	2.56	1.15	0.47	1.52	0.52	Cumberland

Transect	Start X	Start Y	End X	End Y	EPR	EPR St.Dev.	LRR	LRR r^2	WLR	WLR r^2	Island
10040	456005	3402718	455744	3402720	1.19	2.57	1.13	0.46	1.50	0.51	Cumberland
10041	456006	3402668	455743	3402670	1.17	2.55	1.11	0.44	1.48	0.50	Cumberland
10042	456008	3402618	455741	3402620	1.24	2.59	1.21	0.49	1.57	0.53	Cumberland
10043	456011	3402568	455739	3402570	1.28	2.72	1.25	0.49	1.61	0.53	Cumberland
10044	456015	3402518	455740	3402521	1.33	2.76	1.29	0.51	1.66	0.55	Cumberland
10045	456016	3402468	455744	3402471	1.37	2.71	1.32	0.53	1.69	0.56	Cumberland
10046	456021	3402419	455744	3402422	1.34	2.81	1.30	0.53	1.66	0.56	Cumberland
10047	456019	3402369	455743	3402371	1.35	2.89	1.31	0.52	1.68	0.56	Cumberland
10048	456020	3402319	455742	3402319	1.31	2.93	1.29	0.50	1.65	0.54	Cumberland
10049	456026	3402269	455741	3402273	1.31	3.00	1.28	0.49	1.65	0.53	Cumberland
10050	456032	3402219	455739	3402223	1.35	3.11	1.32	0.49	1.70	0.53	Cumberland
10051	456037	3402170	455738	3402172	1.38	3.19	1.36	0.50	1.74	0.54	Cumberland
10052	456039	3402120	455738	3402118	1.47	3.17	1.44	0.52	1.83	0.56	Cumberland
10053	456042	3402070	455738	3402063	1.48	3.26	1.47	0.53	1.86	0.56	Cumberland
10054	456045	3402020	455738	3402011	1.48	3.42	1.49	0.52	1.87	0.55	Cumberland
10055	456051	3401970	455740	3401957	1.49	3.41	1.50	0.53	1.88	0.56	Cumberland
10056	456059	3401921	455742	3401906	1.47	3.47	1.48	0.53	1.86	0.56	Cumberland
10057	456063	3401871	455747	3401857	1.52	3.43	1.52	0.54	1.90	0.57	Cumberland
10058	456066	3401821	455752	3401804	1.56	3.46	1.55	0.54	1.94	0.57	Cumberland
10059	456072	3401772	455754	3401752	1.60	3.44	1.60	0.57	1.98	0.59	Cumberland
10060	456074	3401722	455757	3401699	1.67	3.36	1.67	0.59	2.05	0.61	Cumberland
10061	456081	3401672	455757	3401652	1.65	3.36	1.66	0.58	2.04	0.60	Cumberland
10062	456086	3401623	455761	3401601	1.66	3.29	1.66	0.59	2.04	0.61	Cumberland
10063	456091	3401573	455765	3401547	1.70	3.16	1.68	0.60	2.07	0.61	Cumberland
10064	456100	3401524	455768	3401495	1.68	3.11	1.68	0.61	2.05	0.62	Cumberland
10065	456108	3401474	455773	3401443	1.73	3.19	1.73	0.62	2.10	0.63	Cumberland
10066	456113	3401425	455780	3401386	1.74	3.06	1.75	0.65	2.10	0.65	Cumberland
10067	456125	3401376	455787	3401337	1.76	2.84	1.77	0.68	2.10	0.68	Cumberland
10068	456136	3401328	455796	3401287	1.83	2.82	1.84	0.70	2.16	0.70	Cumberland
10069	456141	3401278	455803	3401235	1.87	2.95	1.88	0.70	2.21	0.70	Cumberland
10070	456151	3401229	455812	3401182	1.94	2.82	1.96	0.73	2.28	0.72	Cumberland
10071	456155	3401180	455818	3401134	1.96	2.77	1.98	0.74	2.29	0.73	Cumberland
10072	456161	3401131	455822	3401087	1.99	2.88	2.04	0.76	2.33	0.74	Cumberland
10073	456173	3401083	455823	3401040	2.08	2.82	2.12	0.78	2.40	0.77	Cumberland
10074	456184	3401035	455835	3400992	2.12	2.85	2.17	0.79	2.45	0.77	Cumberland
10075	456193	3400986	455841	3400945	2.13	2.89	2.18	0.80	2.45	0.78	Cumberland
10076	456204	3400938	455846	3400897	2.21	2.92	2.27	0.81	2.53	0.79	Cumberland
10077	456212	3400888	455851	3400845	2.26	2.76	2.31	0.83	2.57	0.82	Cumberland
10078	456225	3400840	455855	3400800	2.33	2.77	2.38	0.84	2.63	0.83	Cumberland
10079	456234	3400791	455862	3400751	2.39	2.83	2.46	0.85	2.70	0.83	Cumberland
10080	456248	3400743	455865	3400705	2.45	2.86	2.53	0.86	2.76	0.84	Cumberland
10081	456264	3400696	455873	3400658	2.52	2.81	2.61	0.87	2.83	0.85	Cumberland
10082	456273	3400647	455879	3400612	2.60	2.82	2.70	0.88	2.91	0.87	Cumberland
10083	456287	3400599	455883	3400571	2.65	2.86	2.76	0.89	2.96	0.87	Cumberland
10084	456303	3400552	455886	3400536	2.73	2.84	2.84	0.90	3.04	0.88	Cumberland
10085	456312	3400502	455889	3400501	2.78	3.10	2.91	0.90	3.09	0.88	Cumberland
10086	456326	3400454	455892	3400455	2.87	3.34	3.01	0.91	3.18	0.88	Cumberland
10087	456337	3400406	455883	3400408	3.01	3.39	3.16	0.92	3.31	0.89	Cumberland
10088	456351	3400357	455869	3400362	3.21	3.27	3.38	0.93	3.49	0.91	Cumberland
10089	456369	3400311	455864	3400313	3.32	3.33	3.50	0.94	3.60	0.92	Cumberland
10090	456384	3400263	455873	3400266	3.35	3.38	3.55	0.94	3.63	0.92	Cumberland
10091	456397	3400215	455878	3400218	3.45	3.31	3.64	0.95	3.72	0.93	Cumberland
10092	456411	3400167	455882	3400167	3.54	3.44	3.74	0.95	3.83	0.93	Cumberland
10093	456429	3400121	455886	3400116	3.64	3.53	3.84	0.95	3.93	0.93	Cumberland
10094	456444	3400073	455893	3400061	3.68	3.59	3.90	0.95	3.97	0.93	Cumberland
10095	456459	3400025	455895	3400031	3.77	3.60	3.99	0.95	4.05	0.93	Cumberland
10096	456477	3399979	455895	3400005	3.91	3.57	4.13	0.96	4.19	0.94	Cumberland
10097	456506	3399944	455895	3399995	4.00	3.65	4.22	0.96	4.28	0.94	Cumberland
10098	456539	3399908	455894	3399987	4.09	3.77	4.33	0.96	4.39	0.94	Cumberland
10099	456557	3399861	455888	3399962	4.44	3.53	4.63	0.96	4.73	0.95	Cumberland
10100	456575	3399814	455881	3399937	4.62	3.55	4.81	0.97	4.90	0.95	Cumberland
10101	456592	3399767	455875	3399910	4.82	3.53	5.01	0.97	5.09	0.96	Cumberland
10102	456609	3399720	455867	3399878	5.02	3.49	5.21	0.97	5.28	0.96	Cumberland
10103	456628	3399674	455861	3399847	5.21	3.28	5.39	0.98	5.46	0.97	Cumberland
10104	456644	3399627	455851	3399800	5.42	2.93	5.60	0.98	5.65	0.98	Cumberland
10105	456662	3399581	455841	3399755	5.60	2.62	5.79	0.99	5.80	0.98	Cumberland
10106	456679	3399534	455831	3399707	5.78	2.52	5.98	0.99	5.95	0.98	Cumberland
10107	456696	3399487	455814	3399658	6.01	2.28	6.21	0.99	6.13	0.99	Cumberland
10108	456713	3399440	455811	3399614	6.15	2.36	6.36	0.99	6.27	0.99	Cumberland
10109	456729	3399392	455807	3399570	6.29	2.26	6.50	0.99	6.38	0.99	Cumberland
10110	456746	3399345	455798	3399523	6.47	2.16	6.69	0.99	6.53	0.98	Cumberland
10111	456764	3399298	455790	3399485	6.65	2.22	6.89	0.99	6.69	0.98	Cumberland
10112	456783	3399252	455783	3399441	6.83	2.29	7.06	0.99	6.86	0.98	Cumberland
10113	456786	3399246	455783	3399441	6.85	2.30	7.09	0.99	6.88	0.98	Cumberland