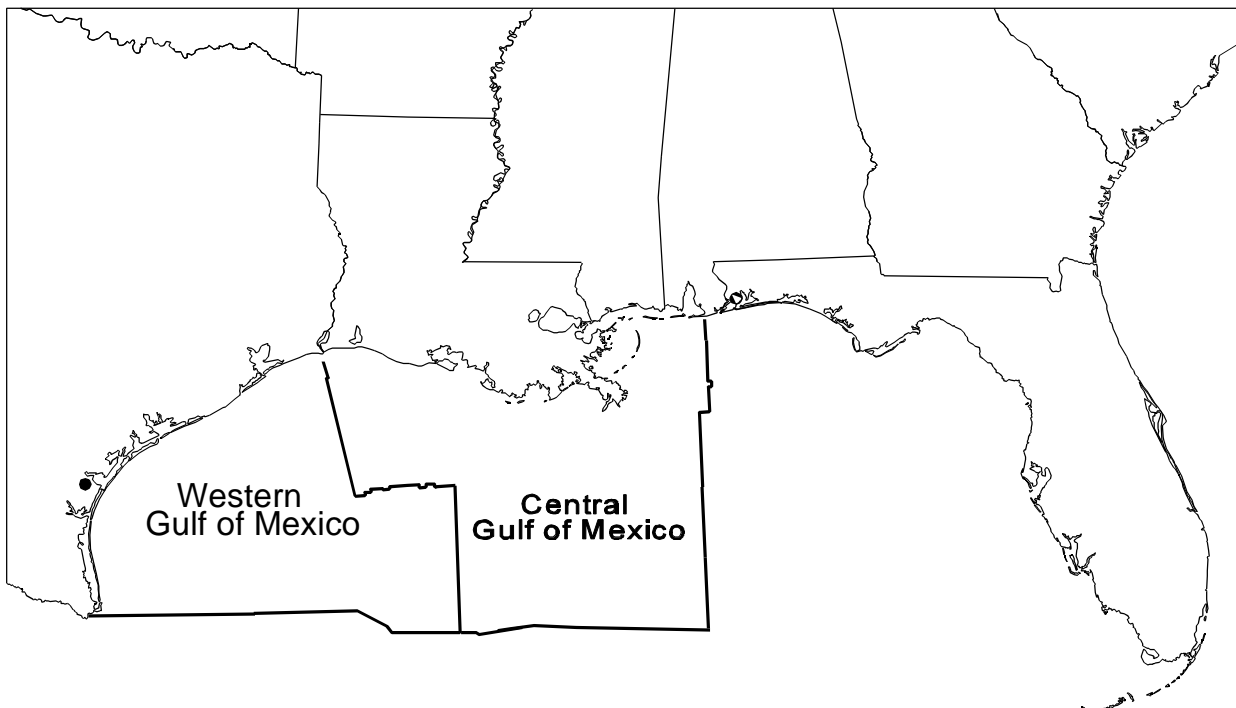


Oil-Spill Risk Analysis: Gulf of Mexico, Outer Continental Shelf (OCS) Central and Western Lease Sales, 1998-2002, and Gulfwide OCS Program, 1998-2036



Oil-Spill Risk Analysis: Gulf of Mexico, Outer Continental Shelf (OCS) Central and Western Lease Sales, 1998-2002, and Gulfwide OCS Program, 1998-2036

By James M. Price
Charles F. Marshall
Eileen M. Lear (Editor)

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Introduction

The Federal Government has proposed Outer Continental Shelf (OCS) lease sales in the Western and Central Gulf of Mexico (GOM) Planning Areas during the 5-year time period, 1998 through 2002. The proposed annual Central Gulf sales, as scheduled in the *Outer Continental Shelf Oil and Gas Leasing Program: 1997-2002* (5-Year Program), are Sale 169 in 1998, Sale 172 in 1999, Sale 175 in 2000, Sale 178 in 2001, and Sale 182 in 2002. The proposed annual Western Gulf Sales, as scheduled in the *Outer Continental Shelf Oil and Gas Leasing Program: 1997-2002* (5-Year Program), are Sale 171 in 1998, Sale 174 in 1999, Sale 177 in 2000, and Sale 180 in 2001.

Because oil spills may occur from activities associated with offshore oil exploration, production, and transportation, the Minerals Management Service (MMS) conducts a formal risk assessment prior to the proposed lease sales. When the significance of accidental oil spills is evaluated, it is important to remember that the occurrence of such spills is fundamentally a matter of probability. No one can certify the amount of oil that would be produced, or the size or likelihood of a spill that would occur, during the assumed production life of the lease. Neither can the wind and current conditions during a spill be known for certain. Although some of this uncertainty is due to incomplete and imperfect data, a considerable amount exists simply because it is difficult to estimate future events. For example, a probabilistic event such as an oil-spill occurrence cannot be predicted—only an estimate of its likelihood or probability can be quantified.

However, the possible effects of oil spills that could occur from oil and gas exploration, development, and production must be considered in the leasing decision. To maintain perspective, each potential effect must be associated with a quantitative estimate of its probability of occurrence. This report summarizes results of an oil-spill risk analysis (OSRA) conducted for a typical proposed Gulf of Mexico OCS lease sale occurring in the Western and Central Planning areas during the 5-year period 1998 through 2002 and for the Gulfwide OCS Program during the 39-year period 1998 through 2036. The MMS considers the analysis in the environmental impact statement (EIS) prepared for the lease sales. Since the sale proposal and projected activities in each planning area are very similar each year, the MMS has decided to prepare two single EIS's, one for the Western and the other the Central Gulf, sales in the 5-Year Program. The multisale approach is intended to focus the NEPA/EIS process on differences between the proposed sales and on new issues and information. The multisale EIS will eliminate the repetitive issuance of complete draft and final EIS's for each sale and should eliminate the need for a new OSRA modeling effort in the next 5 years in support of lease sale environmental analyses. If new oil-spill issues arise requiring further analysis, further OSRA analyses can be performed but are likely to be more site-specific. If new information becomes available, this analysis will be updated. A description of the OSRA model used in this analysis can be found in previous papers (Smith et al., 1982; LaBelle and Anderson, 1985).

The analysis was conducted in three parts corresponding to different aspects of the overall problem.

- The first part addressed the probability of oil-spill occurrence.
- The second part addressed the trajectories of oil spills from hypothetical spill locations to various environmental resources.
- The third part combined results of the first two to estimate the overall oil-spill risk if there is oil development. This part was completed for the analysis of spills from the Gulfwide OCS program only.

Unlike previous OSRA's, this analysis does not consider the transport of imported oil. Since the importation of oil is not an OCS activity, it will not be considered in this report.

Summary of the Proposed Action

The proposed actions are to lease OCS lands in the Western and Central GOM Planning Areas. The study area for this analysis extends from latitudes 23.0° N. to 30.5° N. and from longitudes 78.0° W. to 97.5° W. The study area was divided into offshore subareas based upon ranges in water depth. These water depth ranges reflect the technological requirements and related physical and economic impacts as a consequence of the oil and gas potential, exploration and development activities, and lease terms unique to each water depth range. The study area and the 15 hypothetical spill sites (launch subareas), which are used to represent oil-spill risks from platform production, are shown in figure 1. Existing and potential pipeline and tanker routes are shown in figures 2 through 7 to represent spill risks from oil transportation.

Summary of the Gulfwide OCS Program

The Gulfwide OCS Program considers development over a 39-year time period 1998-2036. The Program comprises all future operations that will occur from proposed, existing, and future leases in all three GOM Planning Areas: Western, Central, and Eastern. The development scenario assumes that the oil produced in the lease areas will be transported to shore predominantly by one or more pipeline routes (figs. 2-7), with a small quantity transported by shuttle tankers (fig. 8).

Framework of Analysis

The OSRA depends not only on the meteorological and geographical conditions of the study area but also on the environmental resources that are at risk and the estimated volumes of oil resources that are assumed to be discovered, produced, and transported.

Environmental Resources

The locations of the environmental resources (including land) considered in this analysis were digitized in the same coordinate system or base map as that used in the trajectory simulations. The environmental resources were selected by MMS analysts in the Gulf of Mexico OCS Region who prepare the EIS for the lease sales. Appendix A contains maps showing the digitized environmental resource locations (figs. A-1 through A-13; note that figs. A-11 through A-13 represent 11 coastal environmental resources).

Because the trajectory model simulates an oil spill as a point, environmental resources have been given an areal extent slightly greater than they actually occupy. For example, shoreline environmental resources extend a short distance offshore, thus allowing the model to simulate a spill that approaches, partially contacts the environmental resource, withdraws, and continues on its path.

The State coastal waters are defined as the waters from the State's shoreline to its claimed seaward extent. Texas and Florida claim the waters out to 3 leagues (about 9 nautical miles) from their shores, and Louisiana, Mississippi, and Alabama claim the waters out to 3 nautical miles from their shores.

The total U.S. coastline in the study area was defined to be an environmental resource called "Land" The resource Land excludes parts of the Cuban shoreline, parts of the shorelines of two Bahamian islands, and a small portion of the Mexican Gulf Coast adjacent to the U.S.-Mexican border that are also included in this analysis. Oil contact to any part of the U.S. shoreline in the study area constitutes a contact to the environmental resource Land.

Land was further analyzed by dividing the study area coastline into 58 land segments (fig. 9). The U.S. coast was divided into 54 equal-sized land segments along the shoreline. Four additional land segments were used in this analysis: the northern coast of Cuba (land segment 55), the western coast of Andros Island (land segment 56), the western coast of Grand Bahama Island (land segment 57), and a segment of the Mexican coast adjacent to the U.S.-Mexican border (land segment 58). With the use of improved and geographically extended ocean circulation modeling and observations of surface currents, these additional areas became possible oil-spill contact points in our analysis.

Finally, each environmental resource was represented as being vulnerable year-round, with the following exceptions: The Aransas Refuge area, western winter menhaden, and central winter menhaden are not vulnerable to simulated oil-spill contact during April through August because the species of concern are not present in these areas at that time. A list of the environmental resources of concern (sets 1, 2, and 3) for the Gulf of Mexico OCS, and the figures illustrating their locations, follow:

<u>Environmental Resource (Set 1)</u>	<u>Figure</u>	<u>Environmental Resource (Set 1)</u>	<u>Figure</u>
Land (cumulatively land segments 1-54)	9	Louisiana Coastal Waters	A-4
Tamaulipas, Mexico	A-1	Mississippi Coastal Waters	A-3
Western Winter Menhaden	A-1	Alabama Coastal Waters	A-2
Central Winter Menhaden	A-1	Florida Panhandle Coastal Waters	A-3
Big Bend Seagrass	A-1	Stetson Bank	A-3
Galveston and West Bays	A-1	Texas Major Recreational Beaches	A-2
Aransas Refuge	A-1	Cameron County Major Recreational Beaches	A-4
Mobile Bay	A-1	Kenedy/Kleberg/Nueces/Aransas County Major Recreational Beaches	A-5
Timbalier Bay	A-1	Calhoun County Major Recreational Beaches	A-4
Barataria Bay	A-3	Matagorda County Major Recreational Beaches	A-5
Caminada Headland	A-10	Brazoria County Major Recreational Beaches	A-6
Chandeleur/Breton System	A-3	Galveston County Major Recreational Beaches	A-5
Florida Middle Ground	A-3	Jefferson County Major Recreational Beaches	A-10
Florida Keys National Marine Sanctuary	A-3	Louisiana Major Recreational Beaches	A-2
Flower Garden Banks National Marine Sanctuary	A-3	Cameron Parish Major Recreational Beaches	A-5
Texas Coastal Waters	A-3	Lafourche Parish Major Recreational Beaches	A-5
<u>Environmental Resource (Set 2)</u>	<u>Figure</u>	<u>Environmental Resource (Set 2)</u>	<u>Figure</u>
Jefferson Parish Major Recreational Beaches	A-7	Gulf County Major Recreational Beaches	A-5
Mississippi Major Recreational Beaches	A-5	Franklin County Major Recreational Beaches	A-4
Hancock County Major Recreational Beaches	A-7	Padre Island National Seashore	A-7
Harrison County Major Recreational Beaches	A-7	Gulf Island National Seashore	A-8
Jackson County Major Recreational Beaches	A-6	Sabine Lake	A-6
Alabama Major Recreational Beaches	A-4	Matagorda Bay	A-6
Mobile County Major Recreational Beaches	A-9	Corpus Christi/Aransas Bays	A-6
Baldwin County Major Recreational Beaches	A-7	Endangered Mouse Habitat	A-5
Florida Panhandle Major Recreational Beaches	A-2	Saint Andrew Bay	A-7
Emerald Coast Major Recreational Beaches	A-10	Saint Joseph Bay	A-8
Bay County Major Recreational Beaches	A-4	Florida Coastal Waters	A-6

To provide a more detailed analysis of oil-spill contacts with land or coastal environmental resources, the model included a feature that allows combining results of contacts to specific land segments. The segments, which are vulnerable all year, were grouped by the following combinations to represent 11 coastal environmental resources—a third set of environmental resources. These resources, and the figures illustrating their locations, are listed in the following table.

<u>Environmental Resource (set 3)</u>	<u>Land Segment</u>	<u>Figure</u>
Laguna Madre Seagrass Beds	1 to 3	A-11
Espiritu Santos/Matagorda Bays	6	A-12
Chenier Plain Coastal Barrier Beaches	9 to 13	A-11
Gulf Shores Coastal Barrier Beaches	24	A-11
Vermilion/Atchafalaya Bays	13 and 14	A-12
Escambia/Pensacola Bays and Santa Rosa Sound	25 and 26	A-13
Choctawhatchee Bay	26	A-12
Apalachicola Bay	29 and 30	A-13
Everglades Manatees	40 to 45	A-12
Manatees	32 to 54	A-11
Mississippi Sound	22 to 23	A-13

Estimated Volume of Oil Resources

For this analysis, both benefits and risks are functions of the volume of oil and are mutually dependent. For example, greater volumes of oil are associated with greater economic benefits as well as greater risks. If the benefits are evaluated by assuming production of a specific amount of oil, then the corresponding risks should be stated conditionally, such as "the risks are . . . , given that the volume is" Any statements about the likelihood of a particular volume of oil being present also apply to the likelihood of the corresponding benefits and risks.

The resource estimates are presented for the following scenarios:

Proposed Action—the range of oil resources estimated to be leased, discovered, and produced as a result of a lease sale in this time period;

OCS Program—the range of oil resources estimated to be leased, discovered, and produced as a result of prior lease sales, the proposed action, and future lease sales which will occur during the life of the Proposed Action.

The estimated volumes of oil resources used for oil-spill risk calculations in this report correspond to those used by the MMS in preparing the EIS for the lease sales (memorandum from the MMS Regional Supervisor for Resource Evaluation, Gulf of Mexico OCS Region, to the Chief, Resource Evaluation Division, dated December 16, 1996). The most recent national assessment of U.S. mineral resources evaluated offshore oil and gas resources by examining large-scale geologic trends rather than by identifying individual reservoirs of potential oil, as had been done previously. A thorough discussion of the methodologies employed and the results obtained in the assessment are presented in the MMS report *Summary of the 1995 Assessment of Conventionally Recoverable Hydrocarbon Resources of the Gulf of Mexico and Atlantic Outer Continental Shelf* (Lore et al., 1996). The undiscovered, conventionally recoverable resource estimates for a proposed action are expressed as ranges, from low to high, and represent a portion or percentage of the undiscovered, unleased, conventionally recoverable oil resources in the planning areas. The low end of the range is the 95-percent value, which corresponds to a 95-percent chance of that amount of resource or more occurring.

The high end of the range is the 5-percent value, which corresponds to a 5-percent chance of that amount or more occurring. The OCS Program estimates are the sum of resource estimates from prior sales, the proposed action, and future sales. Prior sales include known reserves as well as estimates of undiscovered resources on existing leases.

The projected life for each Proposed Action lease sale is assumed to span 35 years beginning in the year of the lease sale, and operations under the Gulfwide OCS Program are assumed to span 39 years beginning in the year of the lease sale. The projected production (in billion barrels [Bbbl]) for a typical Proposed Action lease sale and the OCS Program are as follows:

<u>Proposed Action</u>	<u>Production Estimate</u>	<u>Analysis Period</u>
Low Estimate: Western GOM	0.010	35 years
Central GOM	0.150	35 years
High Estimate: Western GOM	0.090	35 years
Central GOM	0.440	35 years
<u>OCS Program</u>	<u>Production Estimate*</u>	<u>Analysis Period</u>
Low Estimate: Western GOM	1.485 (1.47)	39 years
Central GOM	9.250 (9.17)	39 years
Eastern GOM	0.075 (0.08)	39 years
Gulfwide	10.810 (10.72)	39 years
High Estimate: Western GOM	2.735 (2.71)	39 years
Central GOM	12.350 (12.25)	39 years
Eastern GOM	0.140 (0.14)	39 years
Gulfwide	15.225 (15.10)	39 years

* Estimated production volumes in parentheses are for oil transported by pipelines and tankers only, excluding amounts transported by barges. (This and previous OSRA's did not address the risk from the small volume of oil transported by barge.)

Oil-Spill Risk Analysis (OSRA)

The OSRA consists of three parts: the probability of an oil spill occurring, the trajectory simulation of the oil spill, and, in the case of the OCS Program, the combination of occurrence probability and trajectory simulation.

Probability of Oil Spills Occurring

The probability of oil spills occurring assumes that spills occur independently of each other as a Poisson process. The Poisson process is a statistical distribution commonly used to model random events. The probability of oil spills occurring is based on spill rates derived from past OCS platform and OCS pipeline experience and all tanker experience in U.S. waters, and depends on the volume of oil produced and transported. All types of accidental spills greater than or equal to 1,000 barrels (bbl) were considered in this analysis. These spills include not only well blowouts but also other accidents that occur on platforms and during transportation of oil to shore. These accidents were classified as either platform, pipeline, or tanker spills. This classification allows the analyst to compare the risks from each spill source between a proposed action and any alternatives

Anderson and LaBelle (1994) examined oil-spill occurrence rates applicable to the U.S. Outer Continental Shelf. Their results, adjusted for recent experience and based upon more complete databases than were

available for earlier analyses (Anderson and LaBelle, 1990; Lanfear and Amstutz, 1983), indicated some significant changes in the spill rates for platforms and pipelines. In addition, they developed estimated occurrence rates for tanker spills that have occurred in U.S. waters. This report uses the updated spill occurrence rates.

Spill rates are expressed as number of spills per billion barrels (spills/Bbbl) of oil produced or transported. Only spills greater than or equal to 1,000 bbl are addressed because smaller spills may not persist long enough to be simulated by trajectory modeling. Another consideration is that a large spill is likely to be identified and reported; therefore, these records are more comprehensive than those of smaller spills. (Smaller chronic spills are addressed in the EIS for the OCS lease sales without the use of trajectory modeling.)

Two basic criteria were used in selecting volume of oil handled as the risk exposure variable: (1) the exposure variable should be simple to define and (2) it should be a quantity that can be estimated. The volume of oil produced or transported was the chosen exposure variable primarily for the following reasons: historic volumes of oil produced and transported are well documented; using these volumes makes the calculation of the estimated oil-spill occurrence rate simple—the ratio of the number of historic spills to the volume of oil produced or transported; and future volumes of oil production and transportation are routinely estimated. Estimates of volume are prepared by MMS Resource Evaluation program analysts; their function and expertise involve the assessment of oil resources by using comprehensive geological and geophysical databases and related models. In addition, the MMS analysts estimate most other exposure variables, such as number of platforms and tanker trips, as a function of the volume of oil produced or transported.

Anderson and LaBelle (1994) analyzed platform and pipeline spills into Federal waters that occurred from U.S. Outer Continental Shelf oil and gas development from 1964 through 1992 and crude oil tanker spills that occurred in U.S. waters from 1974 through 1992. In these analyses, every spill record was examined and verified to the furthest extent possible. Each spill was classified for size, product spilled, and spill source according to its applicability to the analysis.

In an earlier analysis (Anderson and LaBelle, 1990), nonparametric tests were applied to determine whether OCS platform and pipeline spills from 1964 through 1987 were random and independent. For these observations, the volume of oil produced and transported between spills appeared to be nonrandom, increasing over time. Extending the data through 1992, Anderson and LaBelle (1994) showed that the OCS platform spill rate continued to decline. However, with the occurrence of four pipeline spills between 1988 and 1992, there was no longer any evidence of a corresponding decrease in the estimated OCS pipeline spill occurrence rate.

For spills occurring in Federal waters and greater than or equal to 1,000 bbl, the updated spill rates are 0.45 spills/Bbbl of produced oil for U.S. Outer Continental Shelf platforms and 1.32 spills/Bbbl of transported oil for U.S. Outer Continental Shelf pipelines. The platform rate reflects the observed decline in spill occurrence mentioned above. The platform spill rate is based on the most recent 73 percent of the production record, which includes only 27 percent of the historic platform spills (3 spills/ 6.6 Bbbl produced). The pipeline spill rate of 1.32 spills/Bbbl is based on the entire OCS production (transportation) record and all historic pipeline spill records (12 spills/9.1 Bbbl transported).

The database of tanker spills in U.S. waters provided substantially more observations than did the OCS pipeline and platform data. Rates for tanker spills greater than or equal to 1,000 bbl were calculated directly from the data and were relatively constant from 1974 through 1992. Rates for tanker spills occurring "at sea" were calculated separately from those occurring "in port"; these values were 0.51 spills/Bbbl and 0.70 spills/Bbbl of transported oil, respectively, for a total tanker rate of 1.21 spills/Bbbl. The OSRA uses only the oceanic portion of the tanker-related spills, using the "at-sea" spill rate (0.51 spills/Bbbl) in the computations related to analysis of the trajectory modeling. The at-sea spill rate includes spills in offshore State waters as well as OCS waters.

Estimates of tanker spills occurring “in port” are based on historical spills that have occurred within bays, estuaries, and harbors, and at pier sites. These spills are not appropriate for trajectory modeling and are not included in this analysis. However, it was assumed that one-half of the “in-port” spills would occur at each port of call in the study area. Based on that assumption, the mean number of spills and the probability of spill occurrence is less than 0.01 for the typical proposed sale.

In summary, the spill rates in U.S. waters (expressed as number of spills $\geq 1,000$ bbl/Bbbl of produced or transported oil) used in this report are as follows:

<u>Spill Source</u>	<u>Spill Rate in U.S. Waters (Spills/Bbbl)</u>
OCS Platforms	0.45
OCS Pipelines	1.32
Tankers	1.21
At Sea	0.51
In Port	0.70

Oil-spill occurrences (spills $\geq 1,000$ bbl) are considered to be governed by a Poisson process (Smith et al., 1982; Lanfear and Amstutz, 1983; Anderson and LaBelle, 1990 and 1994). The probability of a specific number of spills $p(n)$ occurring is described by the Poisson distribution:

$$p(n) = \frac{e^{-\lambda} * \lambda^n}{n!}$$

where n is the specific number of spills (0, 1, 2, ..., n), e is the base of the natural logarithm, and λ is the parameter of the Poisson distribution. For oil spills, the Poisson parameter (λ) is equal to the spill rate multiplied by the volume of oil to be produced or transported. The spill rate has dimensions of number of spills/Bbbl, and the volume is expressed in Bbbl. Therefore, λ denotes the mean number of spills estimated to occur as a result of production or transportation of a specific volume of oil.

Oil-spill occurrence estimates for spills greater than or equal to 1,000 bbl were calculated for production and transportation of oil during the 35-year analysis period of the proposed action (1998-2032). These probabilities are based on the volume of oil assumed to be found, produced, and transported over the production life of the lease and on the rates that have been calculated for oil spills from platforms, pipelines, and tankers by Anderson and LaBelle (1994). The probabilities of one or more oil spills greater than or equal to 1,000 bbl occurring as a result of OCS production and transportation resulting from a typical lease sale or the OCS Program are found in table 1.

Oil-Spill Trajectory Simulations

The trajectory simulation portion of the model consists of many hypothetical oil-spill trajectories. The trajectories are the consequence of the integrated action of temporally and spatially varying wind and ocean current fields on the hypothetical oil spills. Collectively, they represent an assumably statistical ensemble of the winds and currents that will occur over the life of the lease sales.

The analysis uses a combination of observed and theoretically computed ocean currents and winds. Most of the ocean currents used were generated by a numerical model. They were supplemented with many direct observations of the currents in the western GOM resulting from repetitive deployments of surface drifting buoys. The sea surface winds over the GOM were derived from observations of sea surface atmospheric pressure with an applied ageostrophic correction. The following discussions briefly describe these data fields. Also discussed are the estimated conditional probabilities of contact from hypothetical spill trajectories to environmental resources or land segments.

Ocean Currents: Climatologically representative monthly mean surface currents were provided by Dynalysis of Princeton, Princeton, New Jersey, using the Princeton-Dynalysis Ocean Model (PDOM). The PDOM, an enhanced version of the Mellor-Blumberg Model, is a three-dimensional, time-dependent, primitive equation model using orthogonal curvilinear coordinates in the horizontal and a topographically conformal coordinate in the vertical. The use of these coordinates allows for a realistic coastline and bottom topography, including a sloping shelf, to be represented in the model simulation. The model incorporates the Mellor-Yamada turbulence closure model to provide a parameterization of the vertical mixing process through the water column.

The prognostic variables are the velocity, temperature, salinity, turbulence kinetic energy, and turbulence macroscale. The momentum equations are nonlinear and incorporate a variable Coriolis parameter. Prognostic equations governing the thermodynamic quantities (temperature and salinity) account for water mass variations brought about by highly time-dependent coastal upwelling processes. The processes responsible for eddy production, movement, and eventual dissipation are included in the model physics. Free surface elevation is also calculated prognostically so that the tides and storm surge events can be simulated. Other computed variables include density, vertical eddy viscosity, and vertical eddy diffusivity.

A 12-year simulation was performed on the computational grid shown in figure 10. The model was driven by monthly climatological wind stress, heat flux, river flow, and Gulf Stream transport boundary conditions. From this 12-year simulation, a climatologically representative year was selected. Monthly averaged surface currents were then computed from that year and constituted most of the ocean currents used in the trajectory simulations.

Although its skill assessment has not been completed yet, the PDOM is believed to be an improvement over the model previously used. It reproduces more features of the GOM's circulation than was previously resolved, and the magnitude of the model currents is more realistic when compared to available observations.

In addition to the model surface current maps, this analysis used quasi-Eulerian surface currents derived from the positions of satellite-tracked drifting buoys. Under the direction of Peter Niiler and Russ Davis of Scripps Institution of Oceanography (La Jolla, California), approximately 340 drifting buoys were deployed from aircraft and three production platforms in a repeated array located southeast of Galveston, Texas (fig. 11). The investigation was called SCULP (Surface Current and Lagrangian-drift Program). Weekly deployments were made from mid-October 1993 running through January 1994, followed by monthly deployments through September 1994.

Where possible, this analysis used the SCULP surface currents in the form of seasonal means. Seasonal mean surface current fields (figs. 12-15) were produced by decomposing the trajectories into geographic, quarter-degree "boxes" (0.25° in longitude and latitude). An average velocity was computed from all daily velocities inside each box and within a given season. (In this analysis, the seasons are defined as follows: winter—January-March, spring—April-June, summer—July-September, autumn—October-December.) A minimum of 10 daily velocities had to exist in a given box within a calendar month for that month's velocities to be included in the seasonal average. The seasonal average velocities were assigned to the centers of their respective boxes, thereby producing seasonal mean quasi-Eulerian current fields (figs. 16-19).

In the trajectory simulations, the seasonal mean quasi-Eulerian current fields were substituted for the Dynalysis model currents inside the 0.25-degree averaging "boxes" and in the same season. The substitution was made whenever a hypothetical spill was within one of the SCULP boxes during this time interval. The combination of the SCULP data and the PDOM currents gives the analysts the best determination of the ocean circulation in the GOM available to date, and actual spill trajectories have behaved similarly.

The effect of using the SCULP observations in conjunction with the PDOM currents was determined by LaBelle et al. (1995). They compared OSRA probabilities of oil-spill contact computed with the SCULP currents against those computed by using only the Dynalysis model currents. For example, they found that the probabilities of contact with land at and downstream (southwest) of Matagorda Bay, Texas (about lat. 28.5° N., long. 96.25° W.), were greater when the SCULP currents replaced some of the model currents, in contrast to upstream (northeast) where the contact probabilities were less when the SCULP currents were used. These results are accepted as being more realistic because the large number of observations in the SCULP program almost certainly resolved the currents better than the PDOM model in the areas populated by the SCULP drifters.

Winds: In addition to the ocean currents, a wind field was employed to add the effect of the direct sea surface winds on the hypothetical spills. (Note that this is a different wind field than the climatological field used by Dynalysis to generate the model currents.)

The wind field employed in this analysis was a concatenation of two geostrophic sea surface wind fields derived from analyzed observations of atmospheric pressure. The resultant time series extended over the 27-year period from January 1967 through December 1993 on a 1.0-degree latitude by 1.0-degree longitude by 12-hour grid. This wind field was used to determine the direct wind forcing acting on hypothetical oil spills but was not used to generate the ocean current fields.

The first 16 years of the time series (January 1967 through December 1982) were developed by the Naval Research Laboratory (NRL) in Mississippi (formerly known as the Naval Oceanographic Research and Development Activity). The NRL computed the geostrophic sea surface winds from analyzed atmospheric pressure maps at 12-hour intervals. The analyzed pressure maps were compiled by the Fleet Numerical Meteorology and Oceanography Center (FNMOC) in Monterey, California. The geostrophic winds were mapped onto a 1.0-degree longitude by 1.0-degree latitude grid and "corrected" to account for the frictional drag at the sea surface. Details of the construction of this data set are described in Rhodes et al. (1989).

The "corrections" for frictional drag at the sea surface were calculated by using a linear regression analysis on the daily averaged geostrophic winds and the observed winds from meteorological stations on moored buoys. The calculations were performed on both wind magnitude and direction. The magnitude correction was nearly constant with time (0.675); however, the direction correction varied seasonally from 8.5 degrees to 26.5 degrees. The resultant wind field is known as the Navy Corrected Geostrophic Wind (NCGW) field.

The succeeding 11 years of the time series (January 1983 through December 1993) were also derived from 12-hourly FNMOC-analyzed atmospheric pressure fields. The FNMOC computed the geostrophic winds, which were gridded every 2.5 degrees of latitude and longitude. Another empirical correction factor was employed to "correct" for frictional drag at the sea surface. The MMS subsequently remapped this coarser wind field to the 1.0-degree latitude and longitude grid of the first 16 years of data and appended the result to produce the 27-year-long wind field used in this analysis.

The first 16 years of wind data were compared with offshore meteorological data to assess their representativeness. Time series of wind speed from selected meteorological stations representing the four corners of the GOM region (fig. 20) were compared with the NCGW field. The stations were three National Data Buoy Center moored buoys (42001 at 26.0° N. lat., 90.0° W. long.; 42010/11 at 29.7° N. lat., 93.4° W. long.; and 42009 at 29.3° N. lat., 87.5° W. long.) and the airport at Key West, Florida (24.5° N. lat., 81.7° W. long.). The analysts assumed that the winds observed at the Key West station were similar to those offshore, given the low island topography and its distance from the mainland. The time series of the velocity components from the NCGW field were within one standard deviation of the selected buoy wind time series and were visually well correlated. The correlation coefficients between the meteorological buoys and

corresponding points on the NCGW grid for the u (eastward) and v (northward) component speeds are listed below:

<u>Station</u>	<u>u</u>	<u>v</u>
42001	0.89	0.90
42010/11	0.75	0.88
42009	0.88	0.91
Key West	0.93	0.95

The directional accuracy was assessed by comparing progressive vector diagrams of buoy and NCGW fields to wind roses. The best agreement was found between the data sets farthest offshore. The near coastal stations had a greater degree of high frequency and diurnal variability, and the buoys had shorter records. Consequently, the qualitative comparison of the progressive vector diagrams showed more variations between the two sets. The wind roses calculated from the buoys and the gridded winds generally were similar in all seasons. The results indicate that there is a tendency for the buoys to show a slightly higher frequency of southerly winds in winter than the gridded winds do. The increase was in the range of 4 to 12 percent in estimates that have standard deviations of as much as 6 percent, thus indicating that these differences are near the statistically normal range.

The comparisons showed that the NCGW data reproduced the seasonal and high-frequency variabilities and the spatial variability of the Gulf of Mexico wind field, as measured by meteorological buoys distributed throughout the Gulf. Consequently, this data set was a good choice for forcing the wind-drift portion of the model.

The latter 11 years of wind data (January 1983 through December 1993) were also examined against other independent observations. The newer data were qualitatively compared with the older (NCGW) data and with concurrent winds observed from buoy number 42001. Stick plots of the newer winds from two selected years (1983 and 1990) and the concurrent winds from buoy number 42001 are presented in figure 21. The two years selected were time intervals when buoy data gaps were minimal. The time interval in the plots is 12 hours, and the pressure-derived winds were geographically interpolated to coincide with the buoy location.

Clearly, the newer wind data are highly coherent with and comparable in magnitude to the observed buoy winds. Cross spectra between the two data sets are coherent over most of the resolved periods. Also, the energy spectra of the newer data are quite similar to that of the older NCGW data. Therefore, the analysts are confident in using them to extend the NCGW time series to 27 years.

As previously mentioned, the 27-year wind field does not drive the ocean currents used in this analysis. The wind field is used to model the direct wind drift on a hypothetical oil spill. Presently, an empirical "3.5 percent rule" with a speed-dependent wind deflection angle is used (Samuels et al., 1982). The speed of the wind-induced drift is 3.5 percent of the prevailing wind speed at the standard 10 m above the sea surface, and the drift angle from the directly downwind direction decreases with increasing speed, approaching zero at 35 m/sec.

To assess fully the environmental conditions throughout the 27 years covered by the wind data set, trajectories of hypothetical spills were started every 4 or 5 days (4.85 days on the average) from an array of sites covering the production areas (fig. 1), pipeline routes (figs. 2-7), and shuttle tanker routes (fig. 8). Two thousand trajectories were generated for every site (500 per season). At each 12-hour time step, a bilinear spatial interpolation of the wind velocity was made from the 1-degree grid (lat. and long.).

The selection of 4 or 5 days was determined by the length of the wind records and the choice of 2,000 trajectories per site. The chosen number of trajectories per site was computationally practical and large

enough to reduce the random sampling error to an insignificant level. Possible aliasing from weather-scale (2 to 3 days) changes in the winds due to the 4.85-day release rate should not be a problem. Once released, the hypothetical spill is subjected to the 12-hourly winds, which contain the weather-scale variability. Also, the weather is not strictly cyclic, so 4.85-day releases over the 27-year wind record will likely capture the statistics of the weather-scale changes.

Conditional Probabilities of Contact: The probability that an oil spill will contact a specific environmental resource or land segment within a given time of travel from a certain location is termed a *conditional probability*, the "condition" being that a spill is assumed to have occurred. Each trajectory was allowed to continue for as long as 30 days. However, if the hypothetical spill contacted land or large islands sooner than 30 days after the start of the spill, the spill trajectory was terminated, and the contact was recorded. Conditional probabilities of contact with environmental resources and land segments within 3, 10, and 30 days were calculated for each pipeline and shuttle tanker route segment (figs. 1 through 8). These conditional probabilities of contact are presented in tables 2 through 13 and, on a seasonal basis, in appendices B through E.

The trajectories simulated by the model represent only hypothetical pathways of oil slicks; they do not involve any direct consideration of cleanup, dispersion, or weathering processes that could alter the quantities or properties of oil that might eventually contact the environmental resources. However, an implicit analysis of weathering and decay can be considered by noting the ages of the simulated oil spills when they contact environmental resources. For this analysis, three time periods were selected: 3, 10, and 30 days after the hypothetical spill occurrence. Any spill contacts occurring on or before these elapse times are recorded. An analyst can then use these statistics in conjunction with appropriate assumptions about the effects of oil weathering and containment and cleanup operations to judge the overall impacts.

Combined Analysis of Oil-Spill Occurrence and Oil-Spill Trajectory Simulations Completed for the OCS Program

A critical difference exists between the conditional probabilities and the combined probabilities calculated for the OCS Program. Conditional probabilities depend only on the winds and currents in the study area. Combined probabilities, on the other hand, depend not only on the physical conditions, but also on the chance of spill occurrence, the estimated volume of oil to be produced or transported, and the oil transportation scenario. The combined probabilities for this analysis of the OCS Program activities are presented in tables 14 through 17. Because of changes in the offshore subareas used for resource estimations (changes made necessary by the recent national assessment of U.S. oil and natural gas resources), the resolution of the OSRA model inputs no longer sufficiently supports combined probabilities for a proposed action, as used in previous EIS's. This and previous OSRA's did not address oil-spill risk due to the transport of produced oil by barges. The volume of barged oil is much smaller than the volume piped or tankered and, therefore, contributes very little to the overall oil-spill risk.

In calculating the *combined probabilities*, those that represent probabilities of both oil-spill occurrence **and** contact, the following steps are performed:

1. For a set of n_i environmental resources and n_l launch points, the conditional probabilities can be represented in a matrix form. Let [C] be an $n_l \times n_i$ matrix, where each element $c_{i,j}$ is the probability that an oil spill will contact environmental resource i , given that a spill occurs at launch point j . Note that launch points can represent potential starting points of spills from production areas or transportation routes.
2. Spill occurrence can be represented by another matrix [S]. With n_l launch points and n_s production sites, the dimensions of [S] are $n_l \times n_s$. Let each element $s_{j,k}$ be the estimated mean number of spills occurring at launch point j owing to production of a unit volume (1 Bbbl) of oil at site k . These spills can result from either production or transportation. The $s_{j,k}$ can be determined as a function of the volume of oil

(spills/Bbbl). Each column of [S] corresponds to one production site and one transportation route. If alternative and mutually exclusive transportation routes are considered for the same production site, they can be represented by additional columns of [S], thus increasing n_s .

3. Matrix [U] is defined as

$$[U] = [C] \times [S]$$

Matrix [U]—which has dimensions $n_t \times n_s$ —is termed the *unit risk matrix*. Each element $u_{i,k}$ corresponds to the estimated mean number of spills occurring and contacting environmental resource i , owing to the production of a unit volume (1 Bbbl) of oil at site k .

4. With [U], the mean contacts to each environmental resource are estimated, given a set of oil volumes at each site. Let [V] be a vector of dimension n_s where each element v_k corresponds to the volume of oil expected to be found at production site k . Then, if [L] is a vector of dimension n_t , where each element λ_i corresponds to the mean number of contacts to environmental resource i , the formula is

$$[L] = [U] \times [V]$$

Thus, estimates of the mean number of oil spills that will **occur and contact** environmental resources (or land segments) can be calculated. (Note that as a statistical parameter, the mean number can assume a fractional value, even though fractions of oil spills have no physical meaning.)

Using Bayesian techniques, Devanney and Stewart (1974) showed that the probability of n oil-spill contacts can be described by a negative binomial distribution. Smith et al. (1982), however, noted that when actual exposure is much less than historical exposure, as is the case here, the negative binomial distribution can be approximated by a Poisson distribution. The Poisson distribution has a significant advantage in calculations because it is defined by only one parameter, the assumed number of spills. Thus, the matrix [L] contains all the information needed to use the Poisson distribution—if $p(n,i)$ is the probability of exactly n contacts to environmental resource i , then:

$$p(n,i) = \frac{\lambda_i^n * e^{-\lambda_i}}{n!}$$

Discussion

This analysis characterizes the oil-spill risk associated with the proposed OCS lease sales separately occurring in the Western and Central GOM during the 5-year period 1998-2002 and the Gulfwide OCS Program occurring inclusive within the Western, Central, and Eastern GOM Planning Areas. The two volume scenarios considered for were the low estimate and high estimate (table 1).

Conditional Probabilities: In computing the conditional probabilities of contact, the analysts assume that a spill has occurred and estimate the probability that the spill will contact a designated environmental resource or land segment. The year-round conditional probabilities of contact within 3, 10, and 30 days after the spill occurrence are given in tables 2 through 13. Conditional probabilities broken down by season are reported in appendices B through E. Results indicate that for the first 3 days oil from only those hypothetical spill sites immediately adjacent to an environmental resource pose a risk of contact. The 3-day conditional probabilities range as high as 90 percent or more. After 10 days, many resources not adjacent to spill sites have probabilities of oil-spill contact greater than 0.5 percent (the lower limit of model estimation). Again, the probabilities range as high as 90 percent or more. Finally, at 30 days, most of the Western and Central Gulf spill sites have a greater than 0.5-percent probability of oil-spill contact with land, and many other resources have elevated probabilities of contact. It is unlikely, however, that a spill would persist for 30 days without significant levels of weathering and/or cleanup.

Combined Probabilities: In the past, MMS has computed the combined probabilities as another measure of oil-spill risk. However, given that undeveloped petroleum resources are estimated for large-scale geologic trends, the estimation of anticipated production from proposed lease sale activities cannot be done with enough geographic accuracy to be useful to the computation of the combined probabilities. The combined probabilities were judged to be too hypothetical to be useful in analyzing the environmental risks from proposed lease sale activities. Instead, a sensible risk analysis can be made using the conditional probabilities, oil spill occurrence rates, and oil production estimates individually, rather than the spill-rate weighted probabilities (the combined probabilities). For the proposed lease sale activities, the MMS has decided to use only the conditional probabilities to evaluate environmental risks.

This OSRA has retained the combined probabilities for the OCS Program only (tables 14-17). Many environmental resources have a combined probability of oil spillage and contact of 50 percent or more within 10 days. The probability is greater than 99.5 percent that land will be contacted somewhere 10 or more days after a spill.

Interestingly, some natural resources have combined probabilities of less than 0.5 percent even within 30 days of a hypothetical spill. The oceanographic and meteorological conditions are such that these areas are virtually unaffected by estimated oil spillage under the Gulfwide OCS Program. For example, the Big Bend seagrass beds, Florida Middle Grounds, and Apalachicola Bay seem to be at relatively low risk from such oil spills. Both drifting buoy observations and computer model simulations show few oil-spill trajectories entering into the Florida Bight area. The prevailing wind and ocean currents do not put the natural resources in the Florida Bight at much risk from oil spillage in the existing and proposed production areas in the Gulf. A few other natural resources are similarly at reduced risks (tables 14-17).

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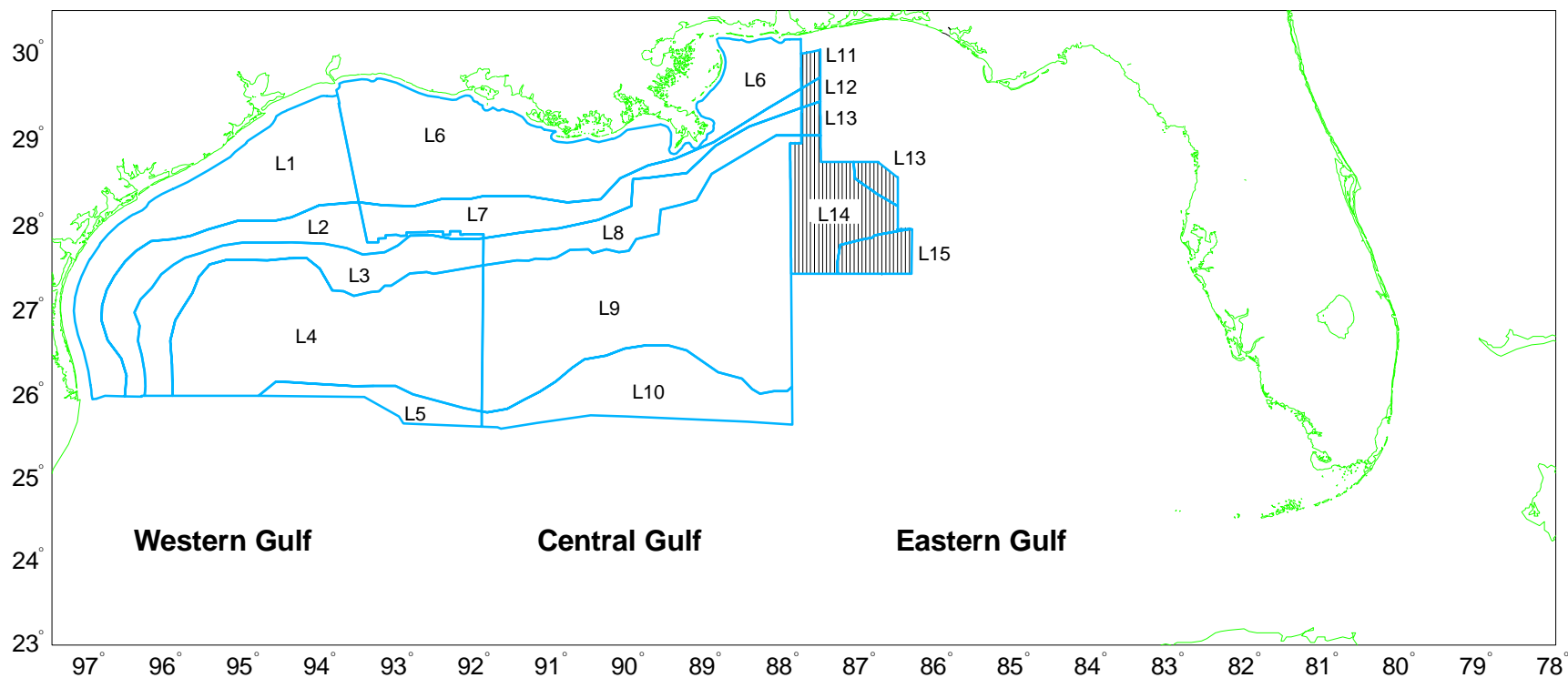


Figure 1. Central, Western, and Eastern Gulf of Mexico Planning Areas and 15 hypothetical spill sites for Gulf of Mexico OCS Lease Sales, 1998-2002. The Eastern Gulf (shaded area) is not included in the proposed lease sales.

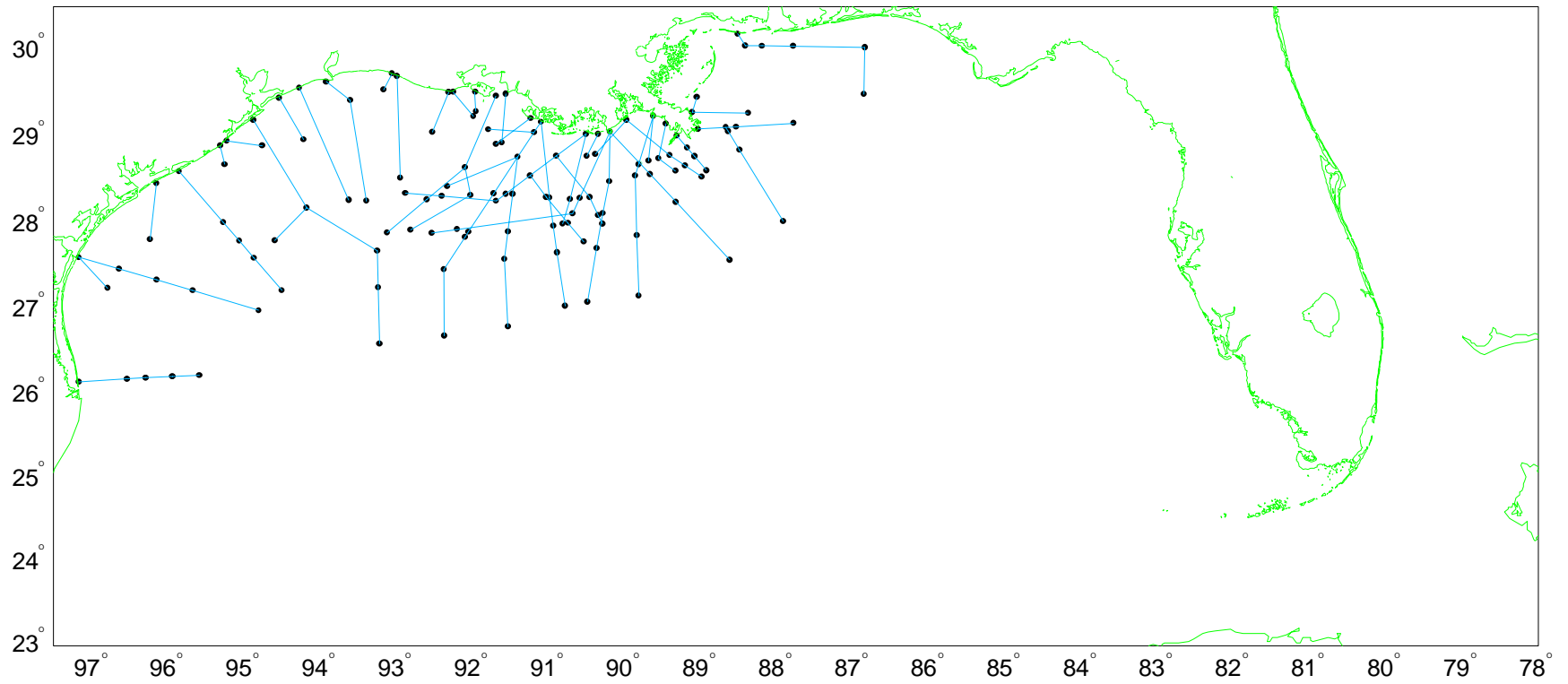


Figure 2. All pipeline route segments for Gulf of Mexico OCS Lease Sales, 1998-2002.

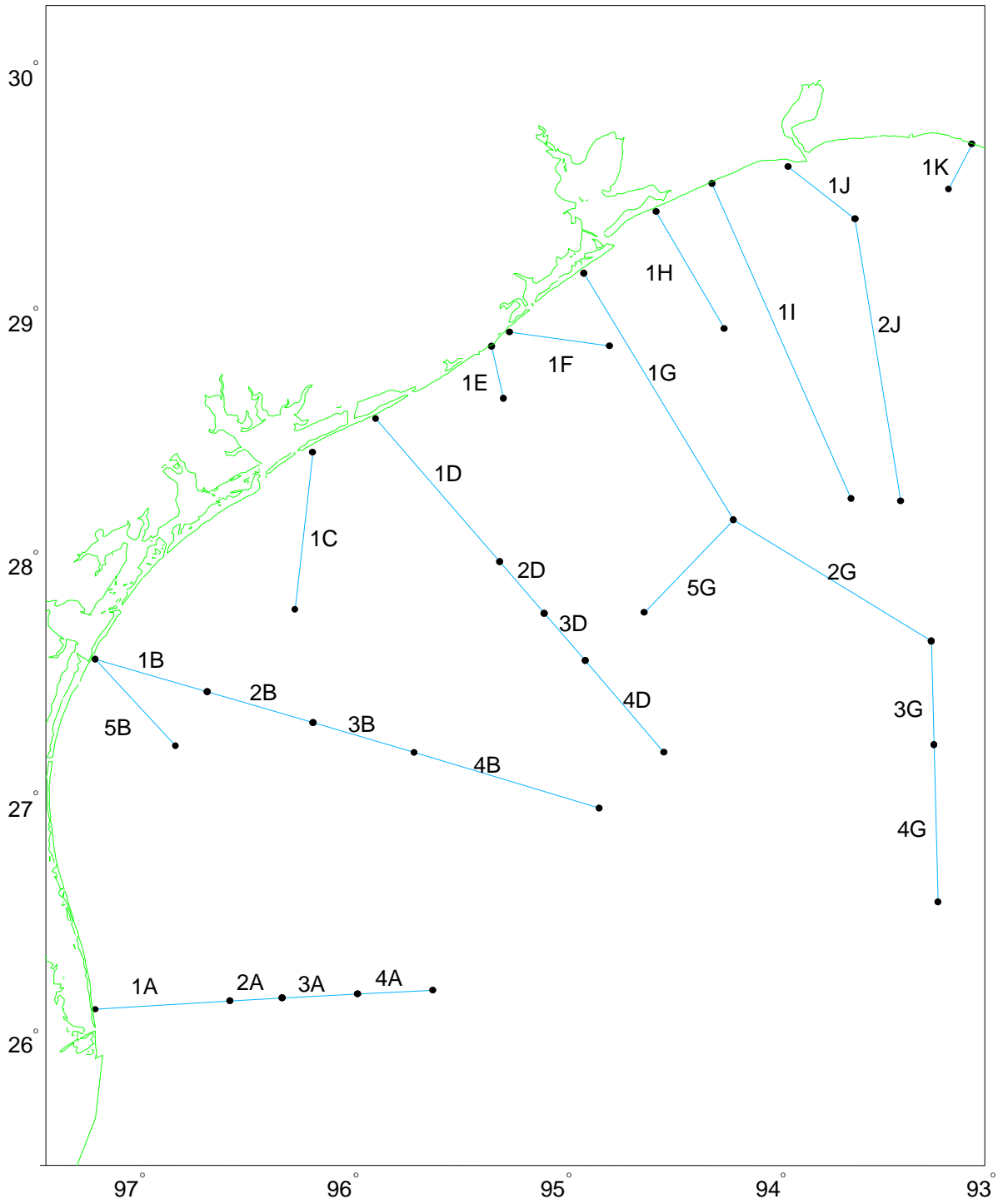


Figure 3. Pipeline route segments (A-K)

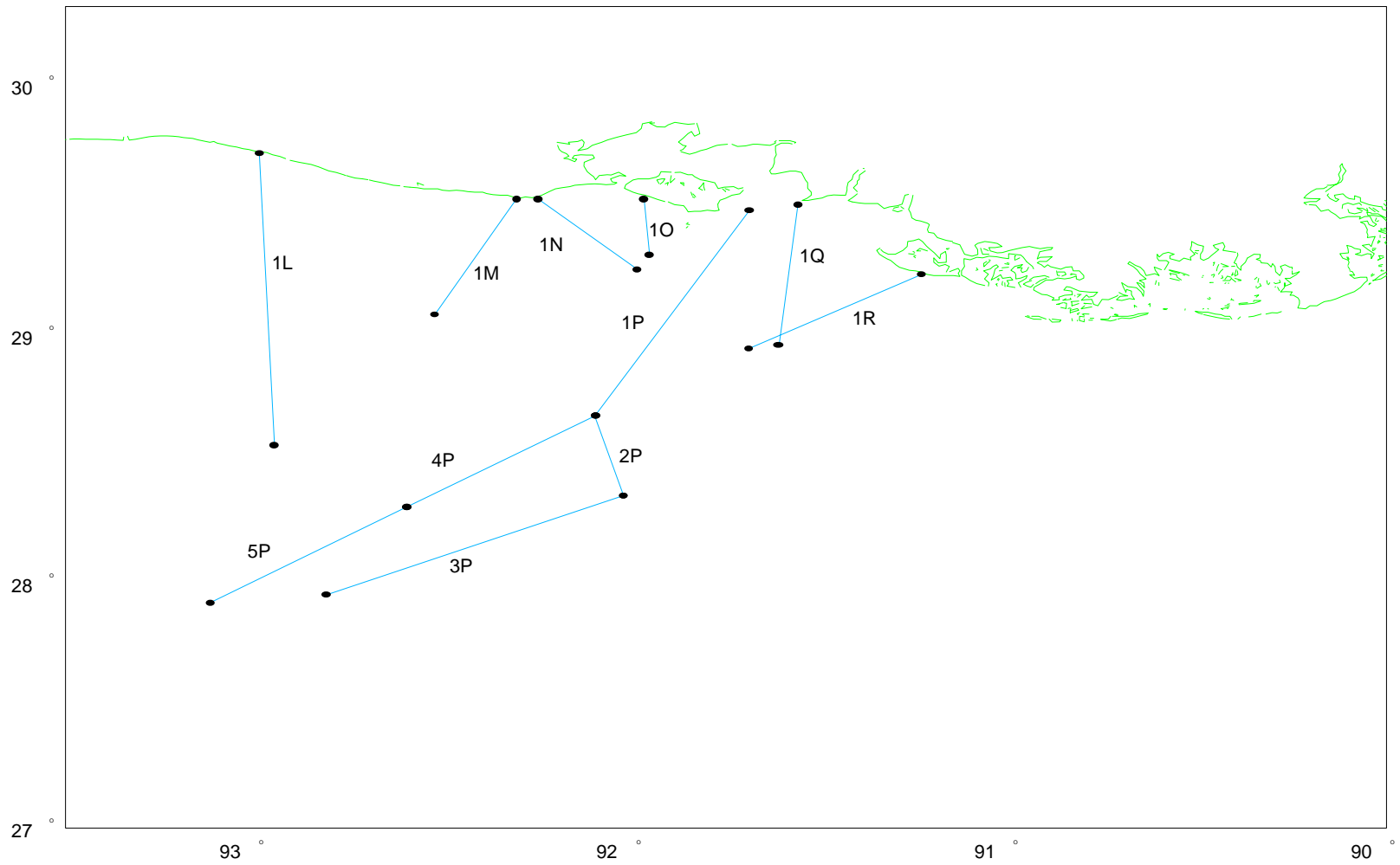


Figure 4. Pipeline route segments (L-R)--see Figure 2.

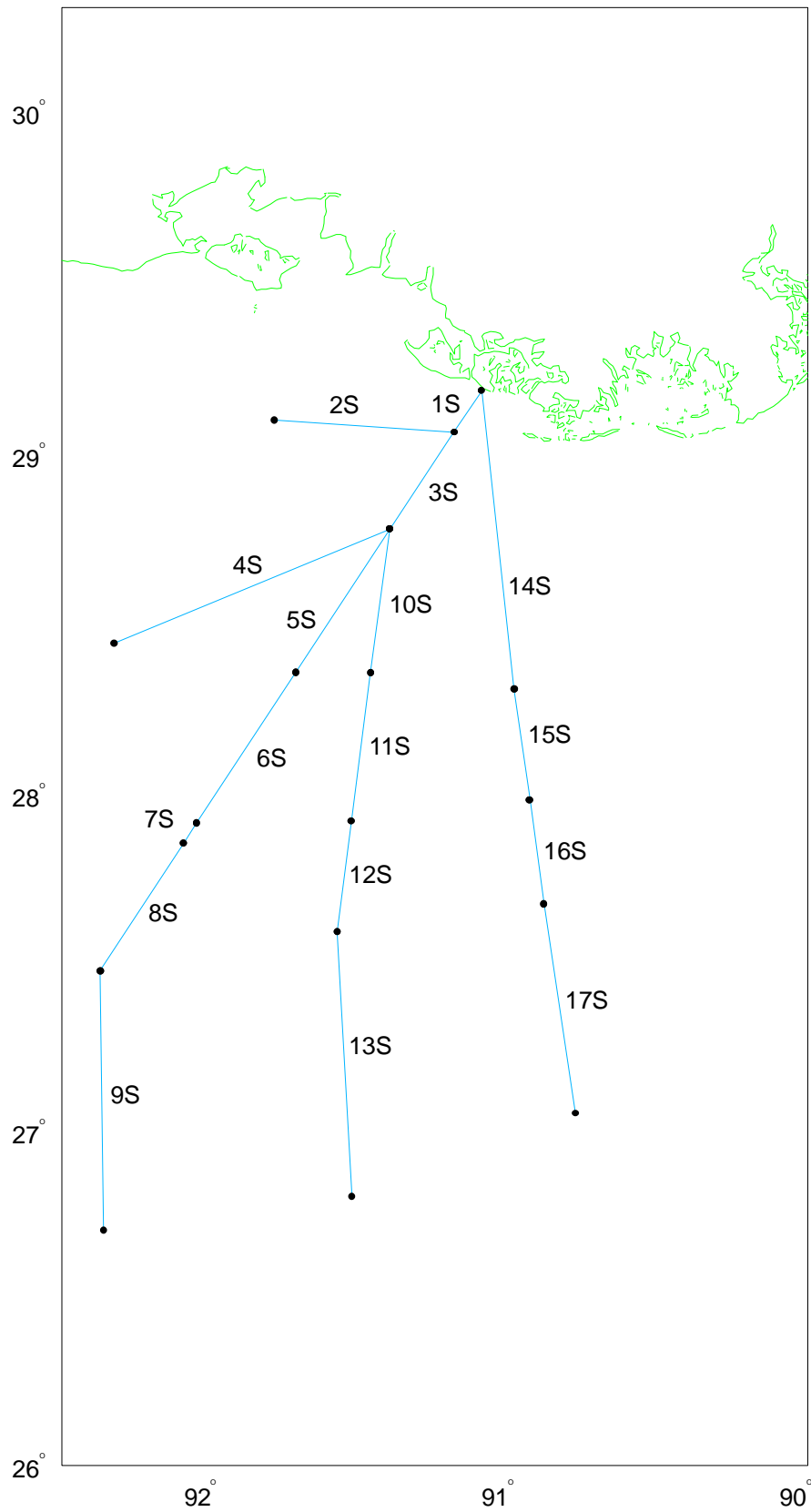


Figure 5. Pipeline route segments (S) for Gulf of Mexico OCS Lease Sales, 1998-2002.

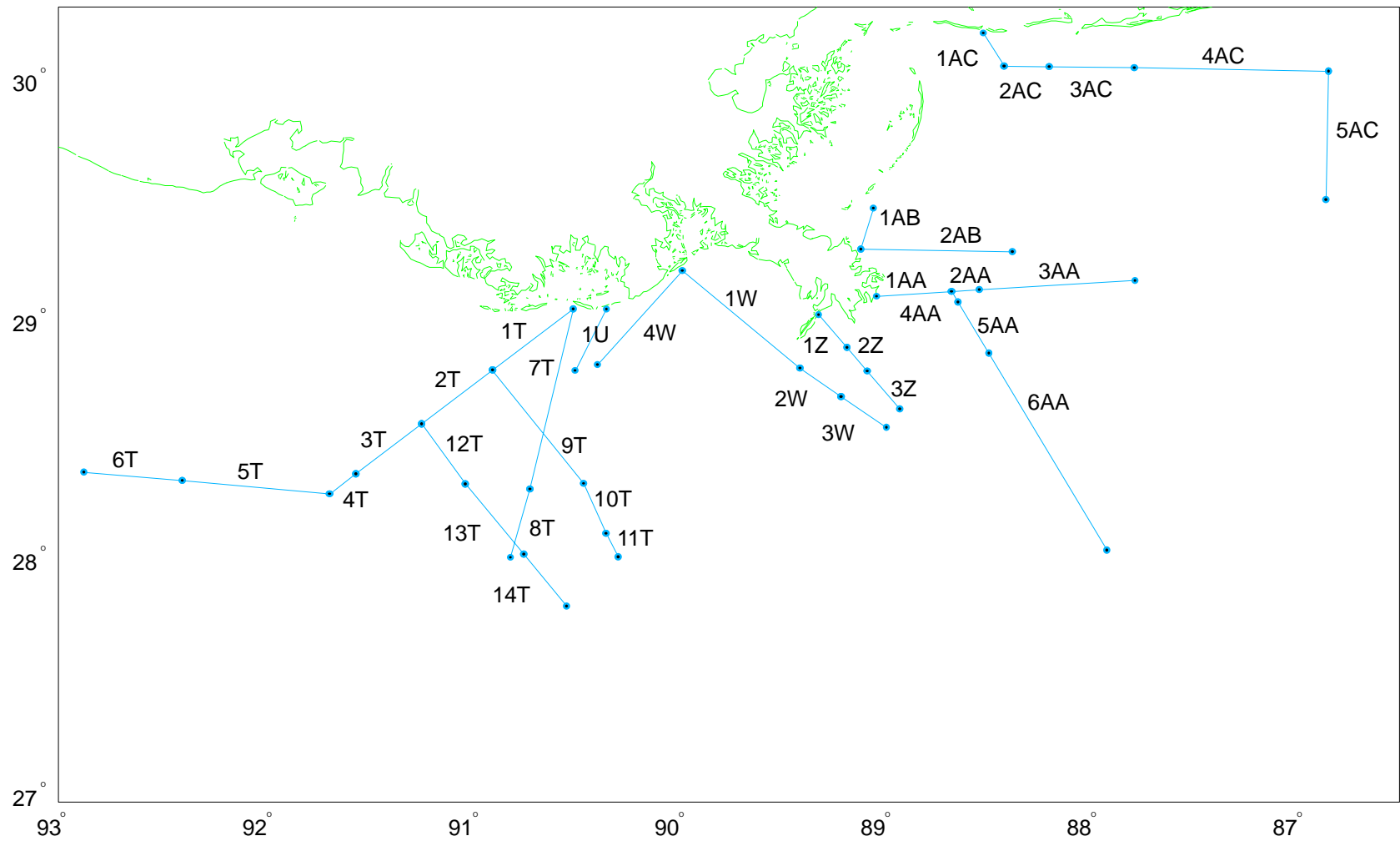


Figure 6. Pipeline route segments (T, U, W, Z, AA, AB, AC) for Gulf of Mexico OCS Lease Sales, 1998-2002.

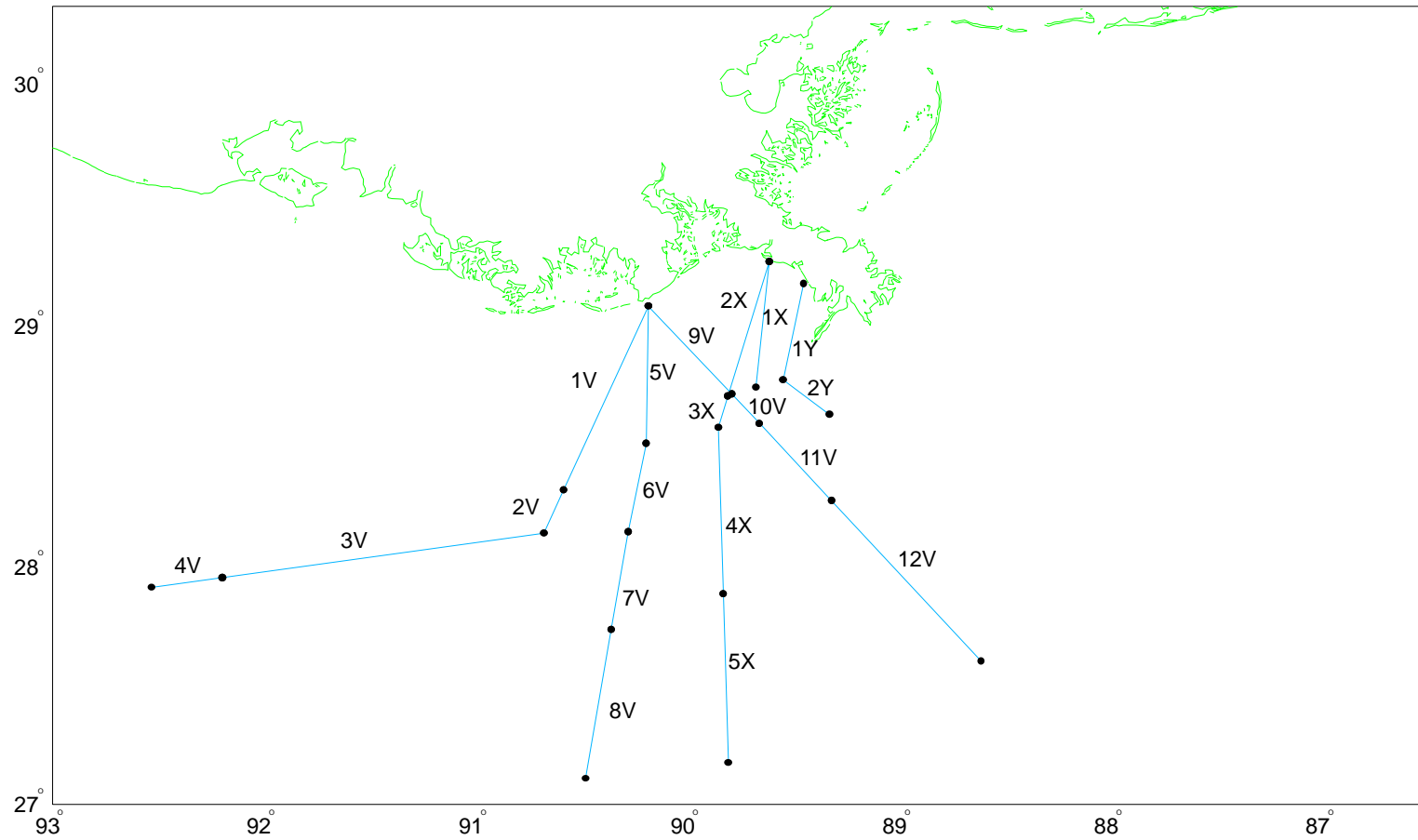


Figure 7. Pipeline route segments (V, X, and Y) for Gulf of Mexico OCS Lease Sales, 1998-2002.

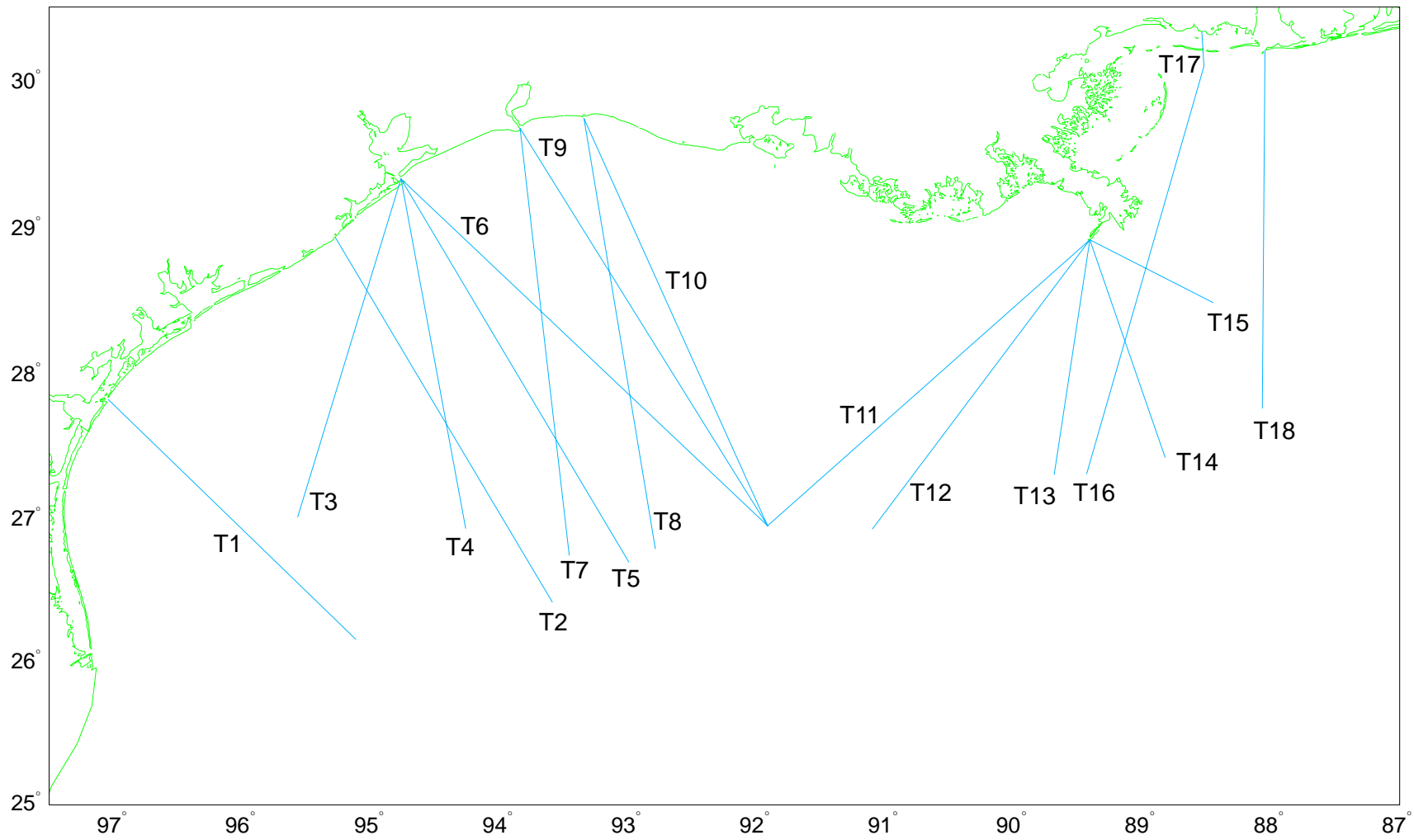


Figure 8. Shuttle tanker route segments (T) for Gulf of Mexico OCS Lease Sales, 1998-2002.

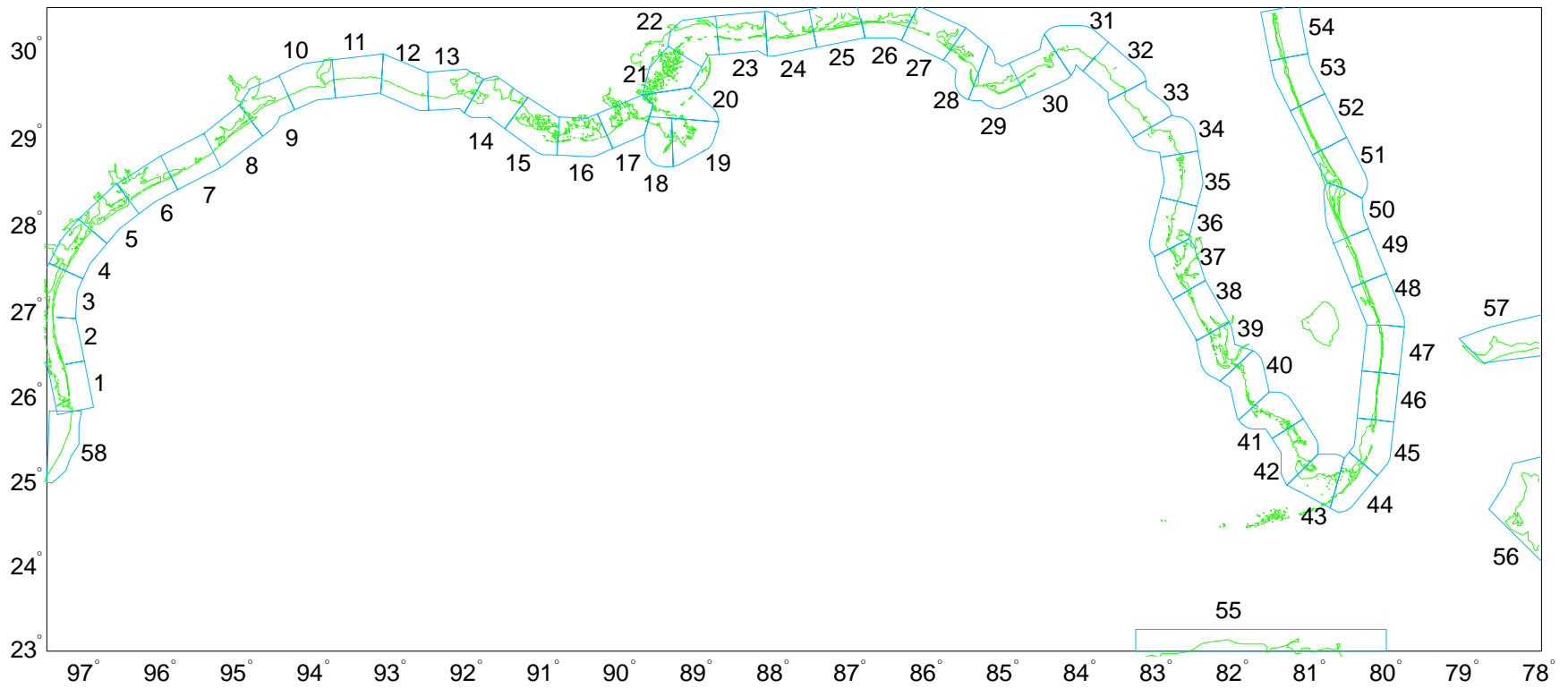


Figure 9. Division of the study area coastline into 58 land segments for Gulf of Mexico OCS Lease Sales, 1998-2002. The environmental resource "Land" comprises all 58 land segments.

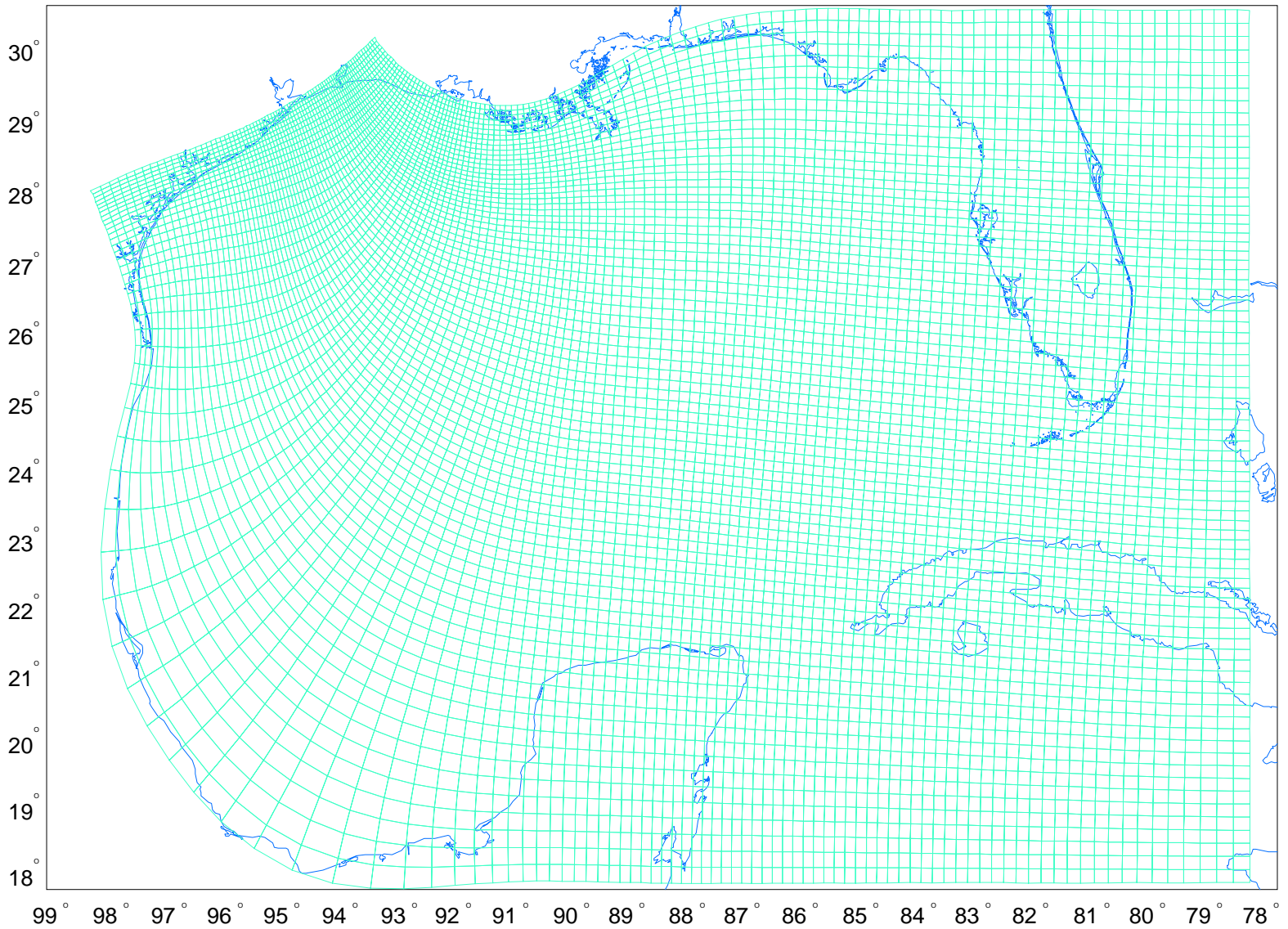


Figure 10. Computational grid used by Dynalysis of Princeton in the Mellor-Blumberg primitive equation model adapted to the Gulf of Mexico.

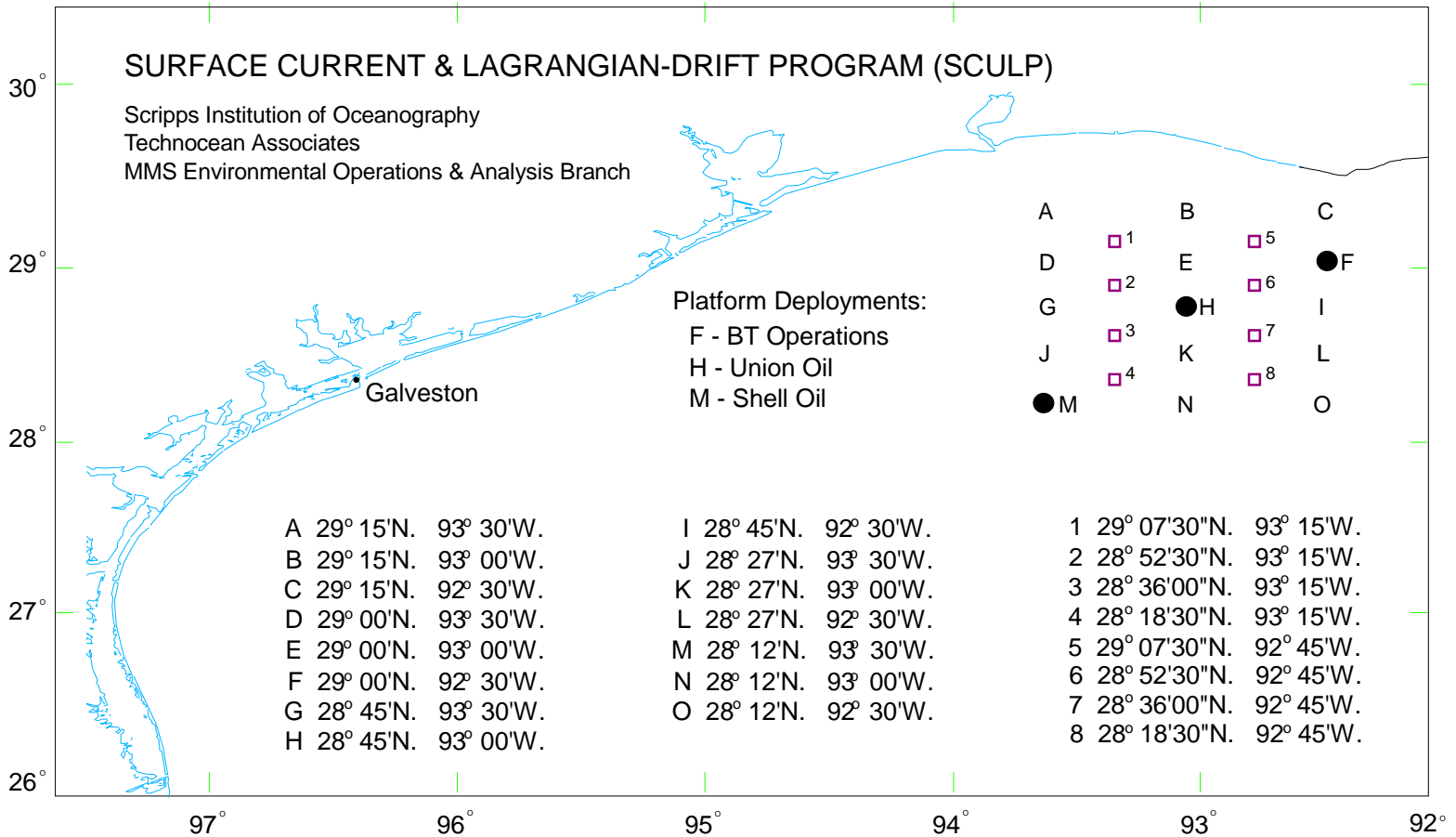


Figure 11. Deployment locations of the SCULP drifters. The letters designate the initial aircraft-deployment locations except for F, H, and M, which were offshore production platforms (filled dots). Buoys were deployed weekly from the platforms and monthly from other lettered stations. Additional aircraft deployments were made from the numbered locations (open boxes).

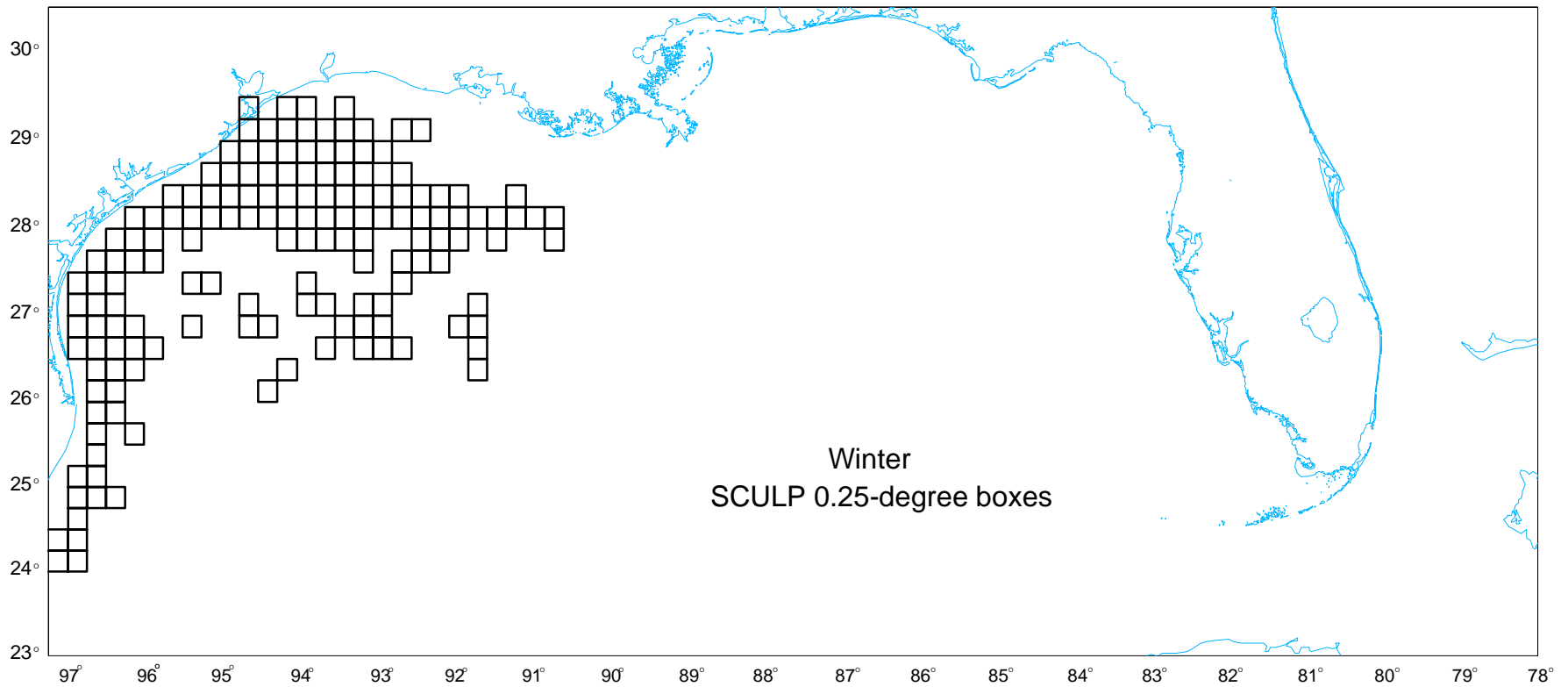


Figure 12. Quarter-degree boxes in which the winter season Lagrangian velocities of the SCULP drifting buoys were averaged. Each box is an area where 10 or more trajectories existed during the winter (January, February, and March). The average (quasi-Eulerian) velocities are located to the centers of their boxes.

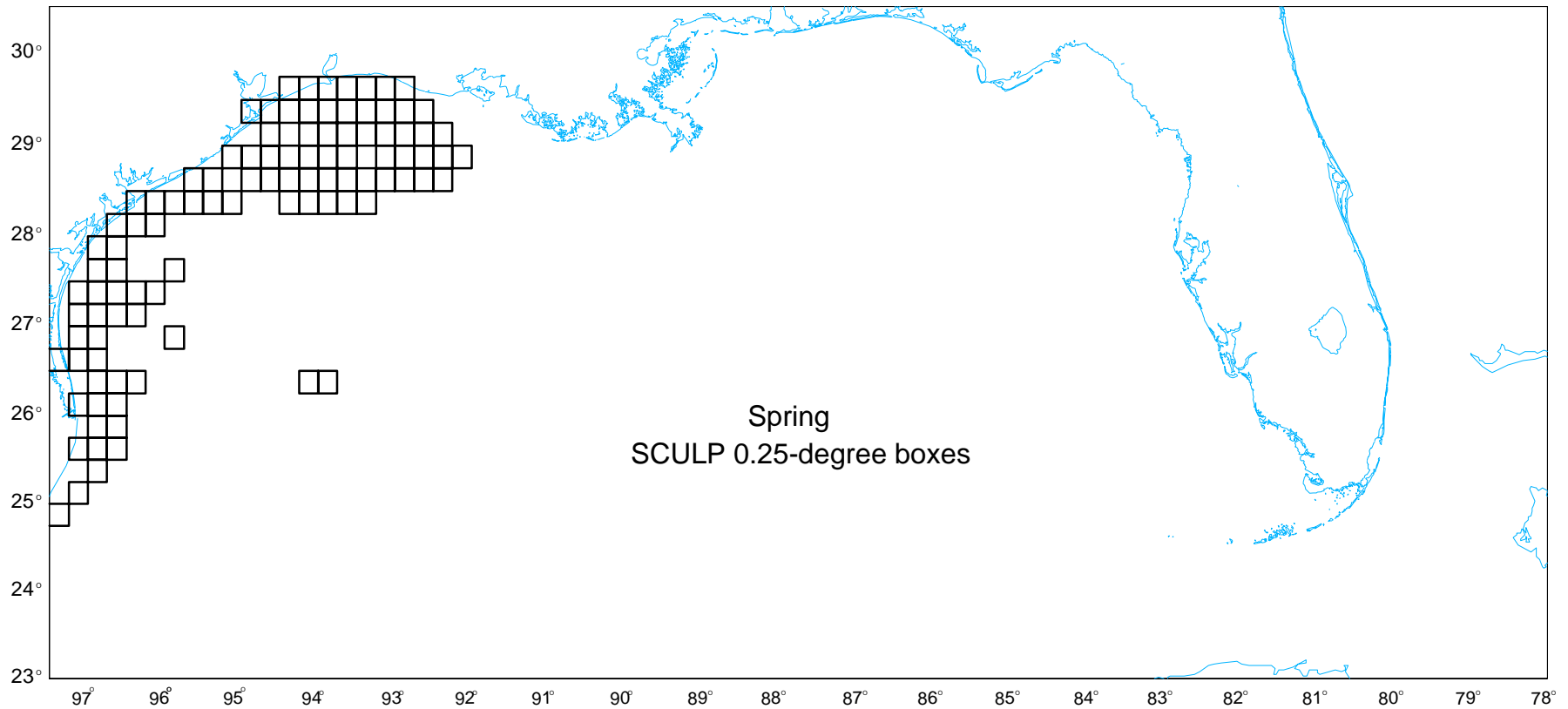


Figure 13. Quarter-degree boxes in which the spring season Lagrangian velocities of the SCULP drifting buoys were averaged. Each box is an area where 10 or more trajectories existed during the spring (April, May, and June). The average (quasi-Eulerian) velocities are located to the centers of their boxes.

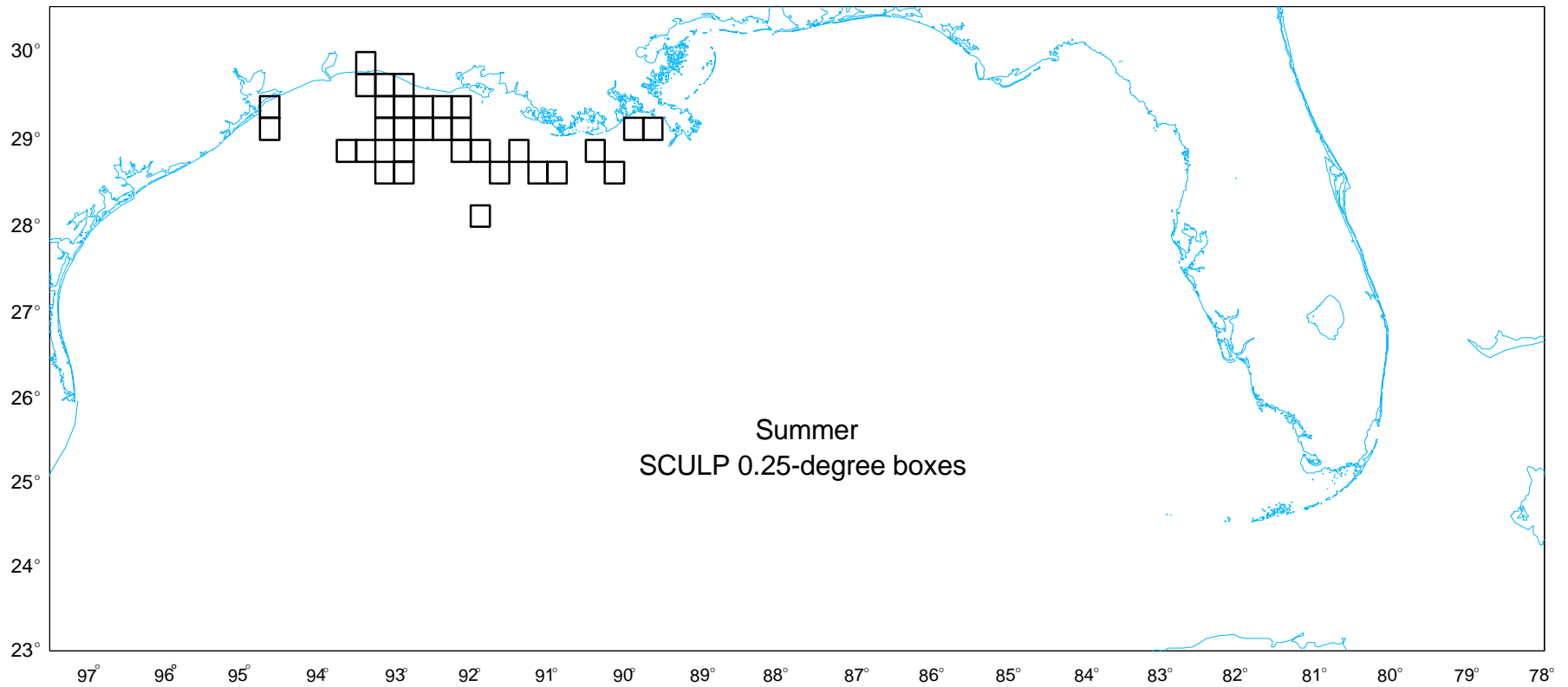


Figure 14. Quarter-degree boxes in which the summer season Lagrangian velocities of the SCULP drifting buoys were averaged. Each box is an area where 10 or more trajectories existed during the summer (July, August, and September). The average (quasi-Eulerian) velocities are located to the centers of their boxes.

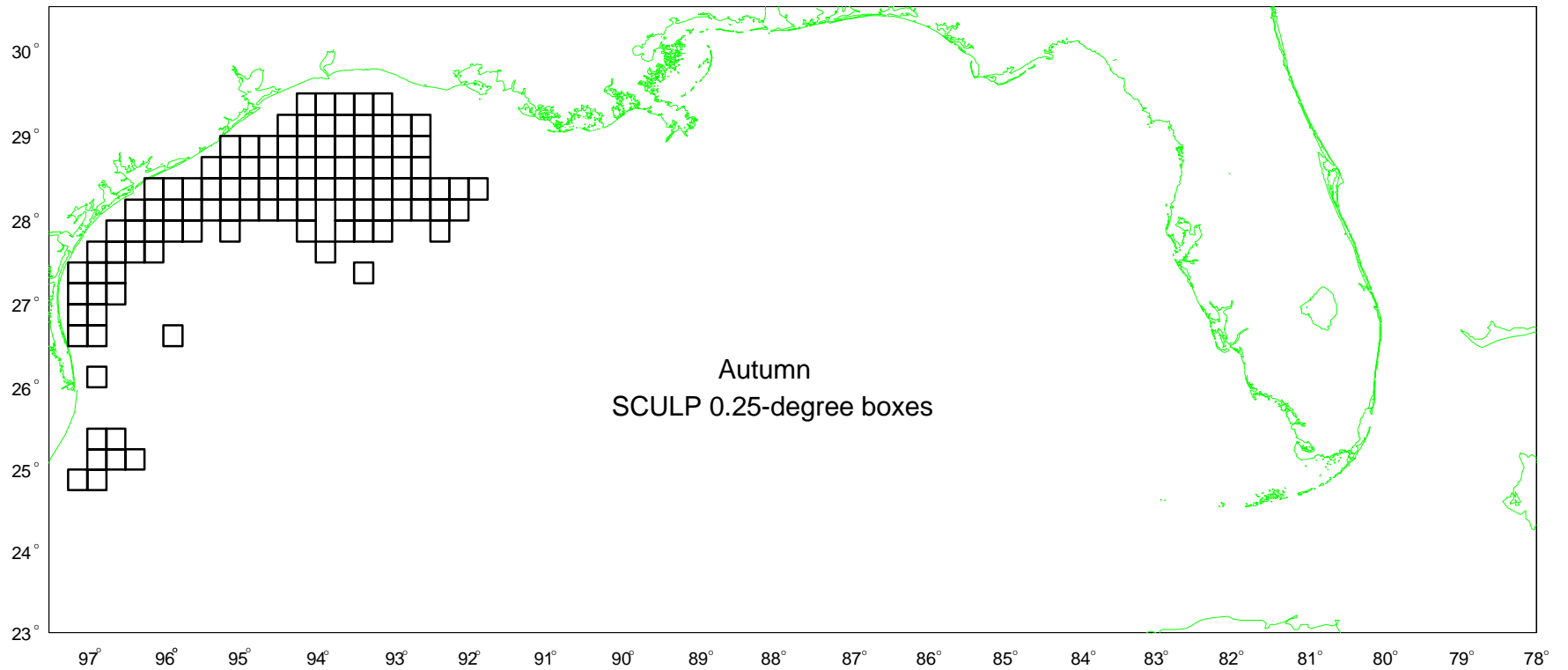


Figure 15. Quarter-degree boxes in which the autumn season Lagrangian velocities of the SCULP drifting buoys were averaged. Each box is an area where 10 or more trajectories existed during the autumn (October, November, and December). The average (quasi-Eulerian) velocities are located to the centers of their boxes.

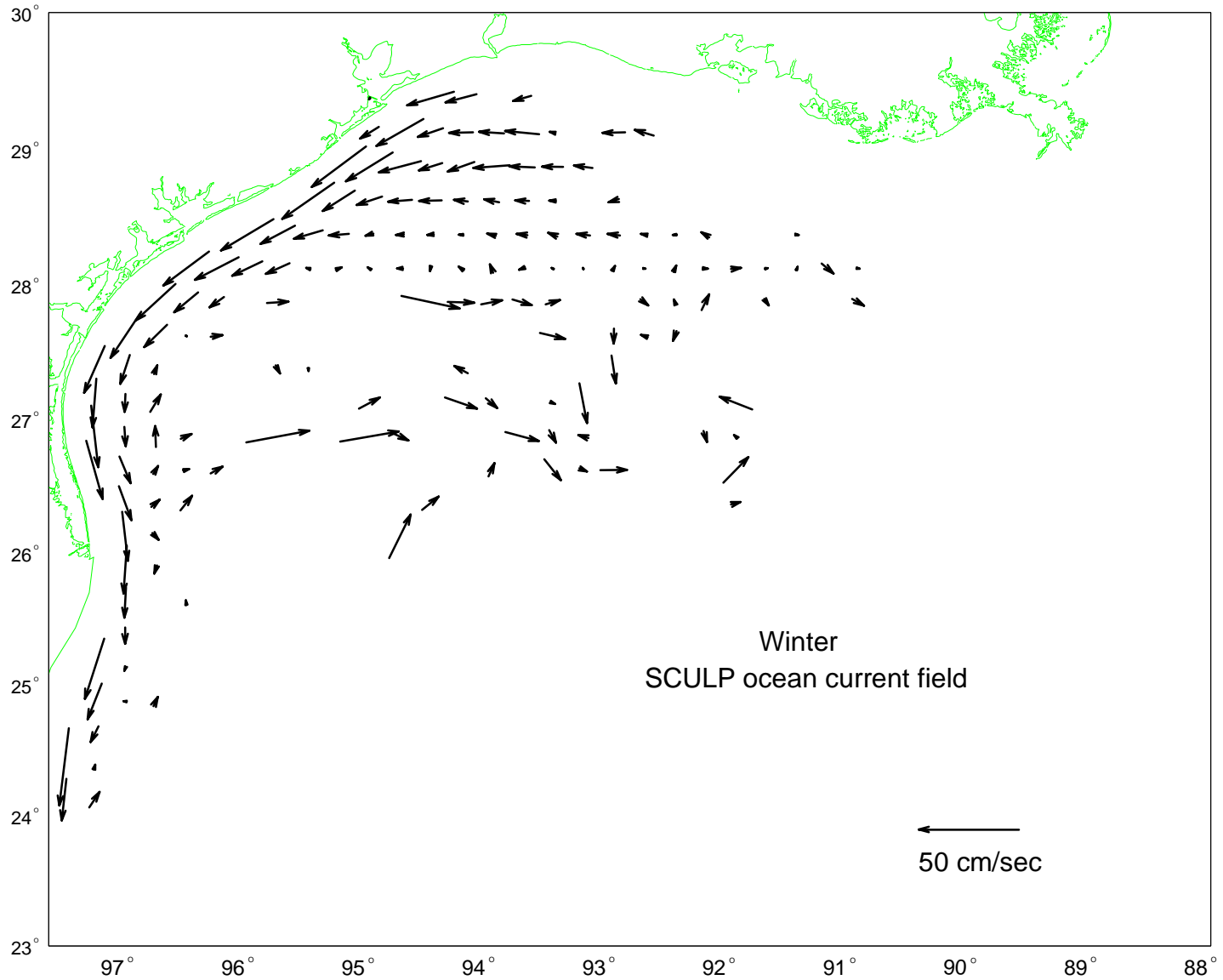


Figure 16. Winter season (January, February, and March), quasi-Eulerian velocities derived by averaging the SCULP drifting buoy trajectories within quarter-degree boxes.

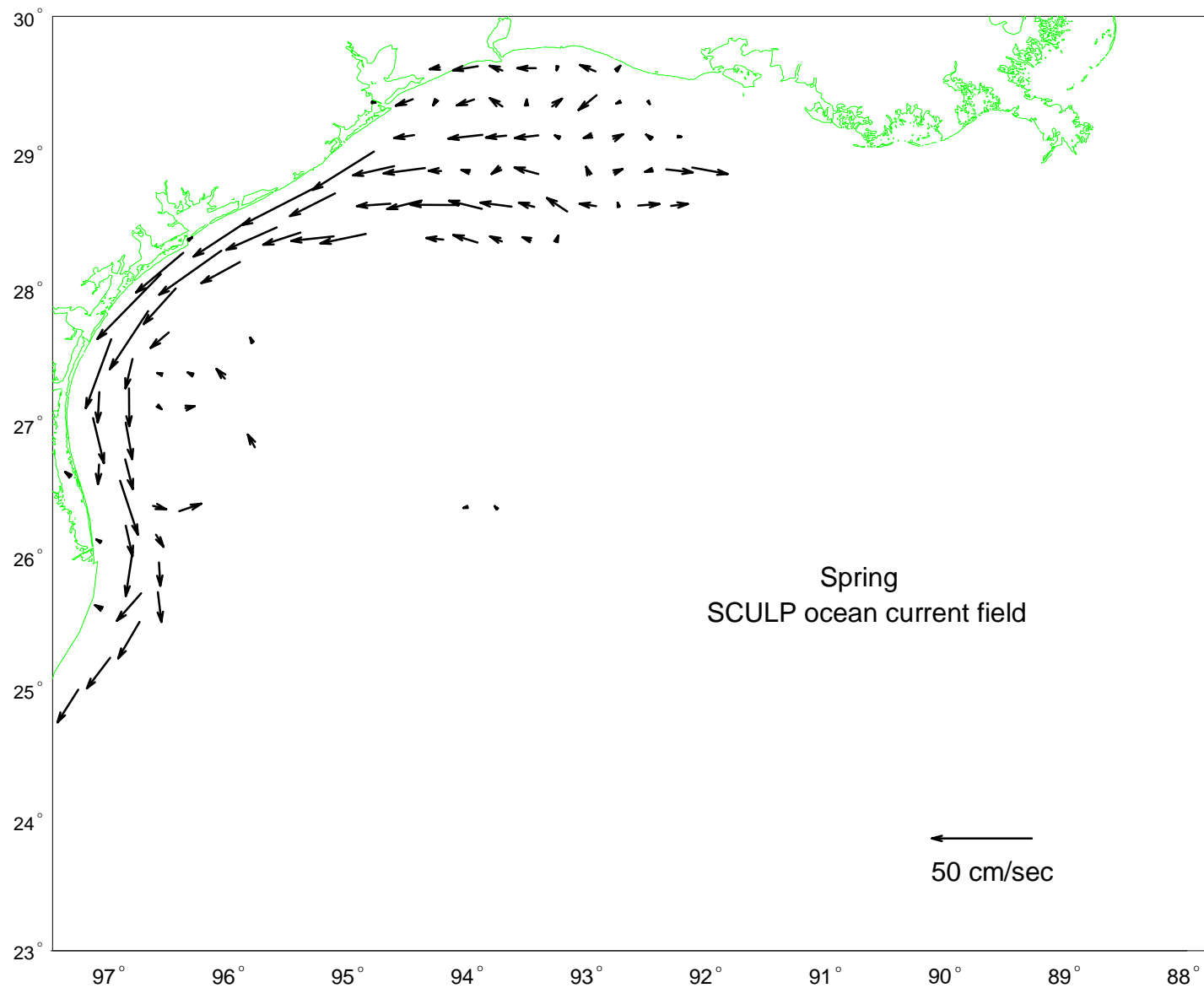


Figure 17. Spring season (April, May, and June), quasi-Eulerian velocities derived by averaging the SCULP drifting buoy trajectories within quarter-degree boxes.

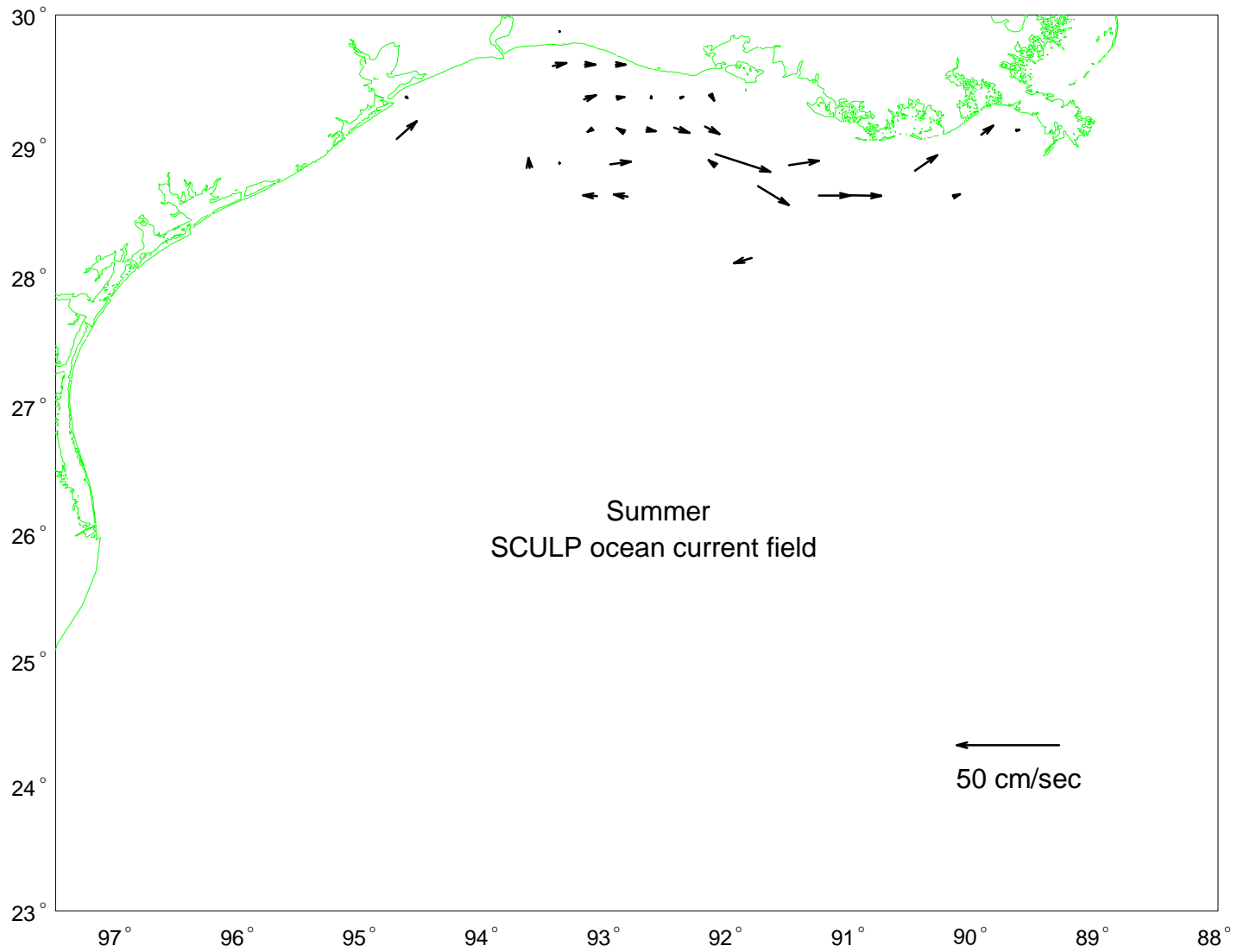


Figure 18. Summer season (July, August, and September), quasi-Eulerian velocities derived by averaging the SCULP drifting buoy trajectories within quarter-degree boxes.

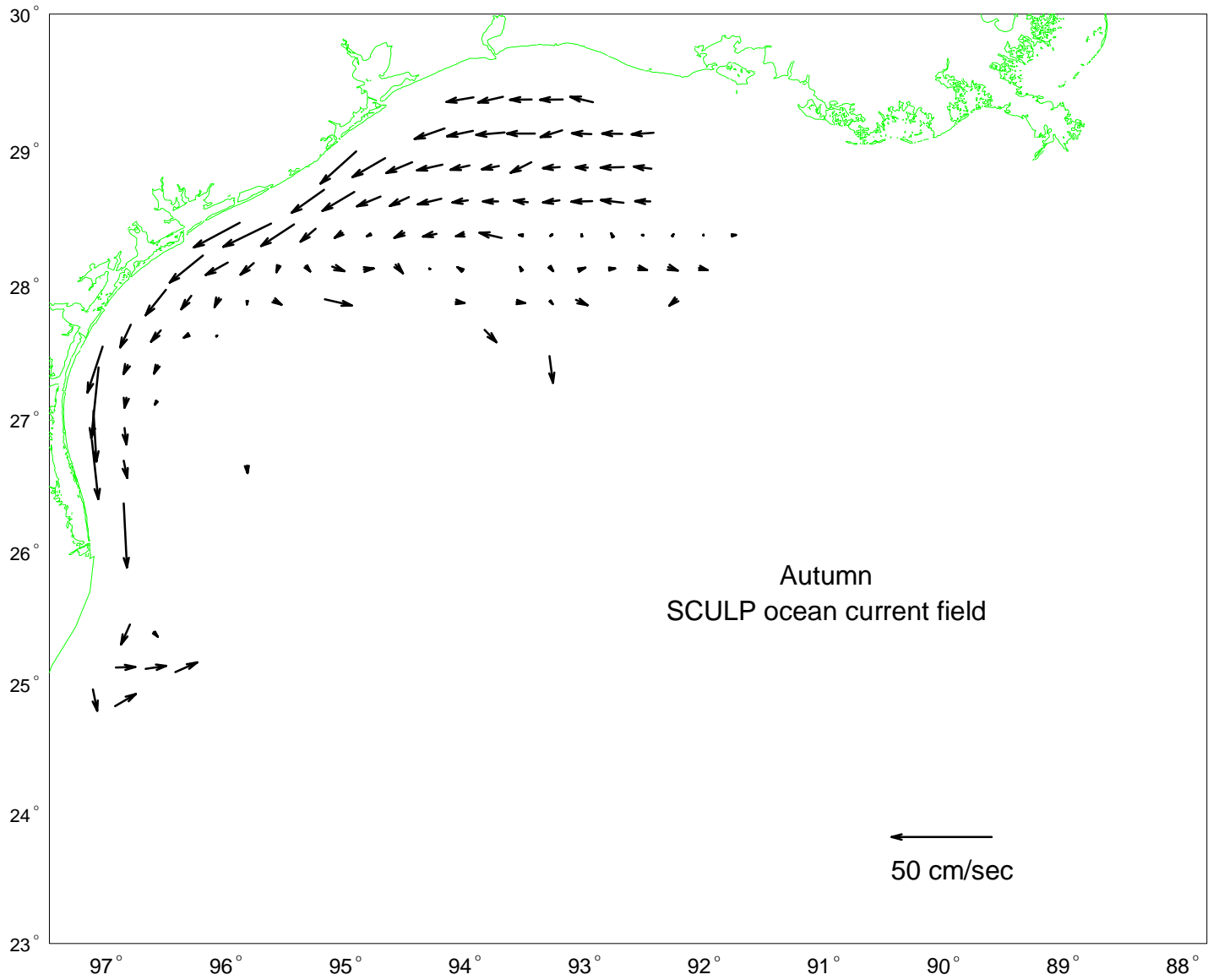


Figure 19. Autumn season (October, November, and December), quasi-Eulerian velocities derived by averaging the SCULP drifting buoy trajectories within quarter-degree boxes.

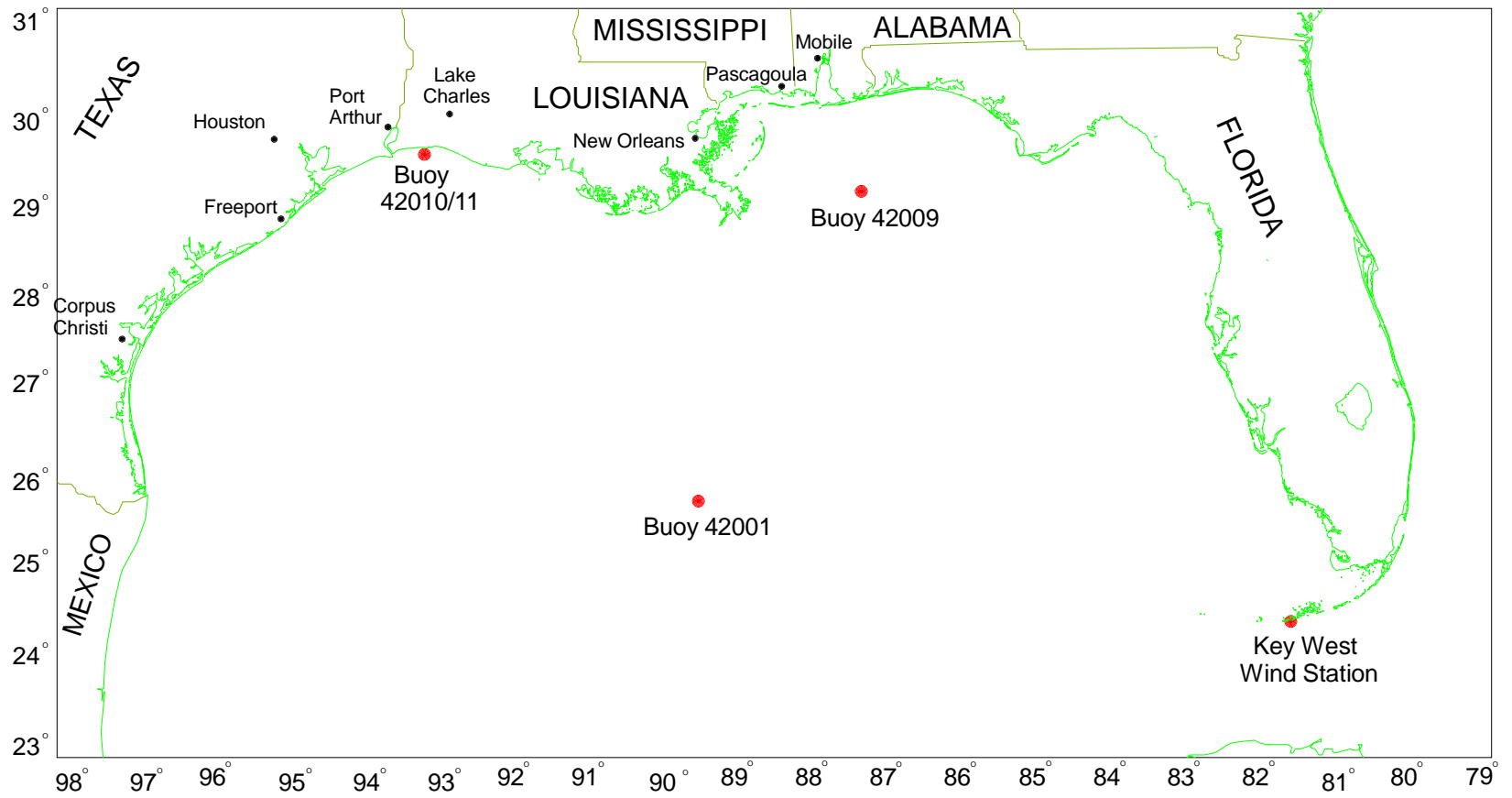


Figure 20. Locations of moored meteorological buoys operated by the NDBC and a wind station on Key West.

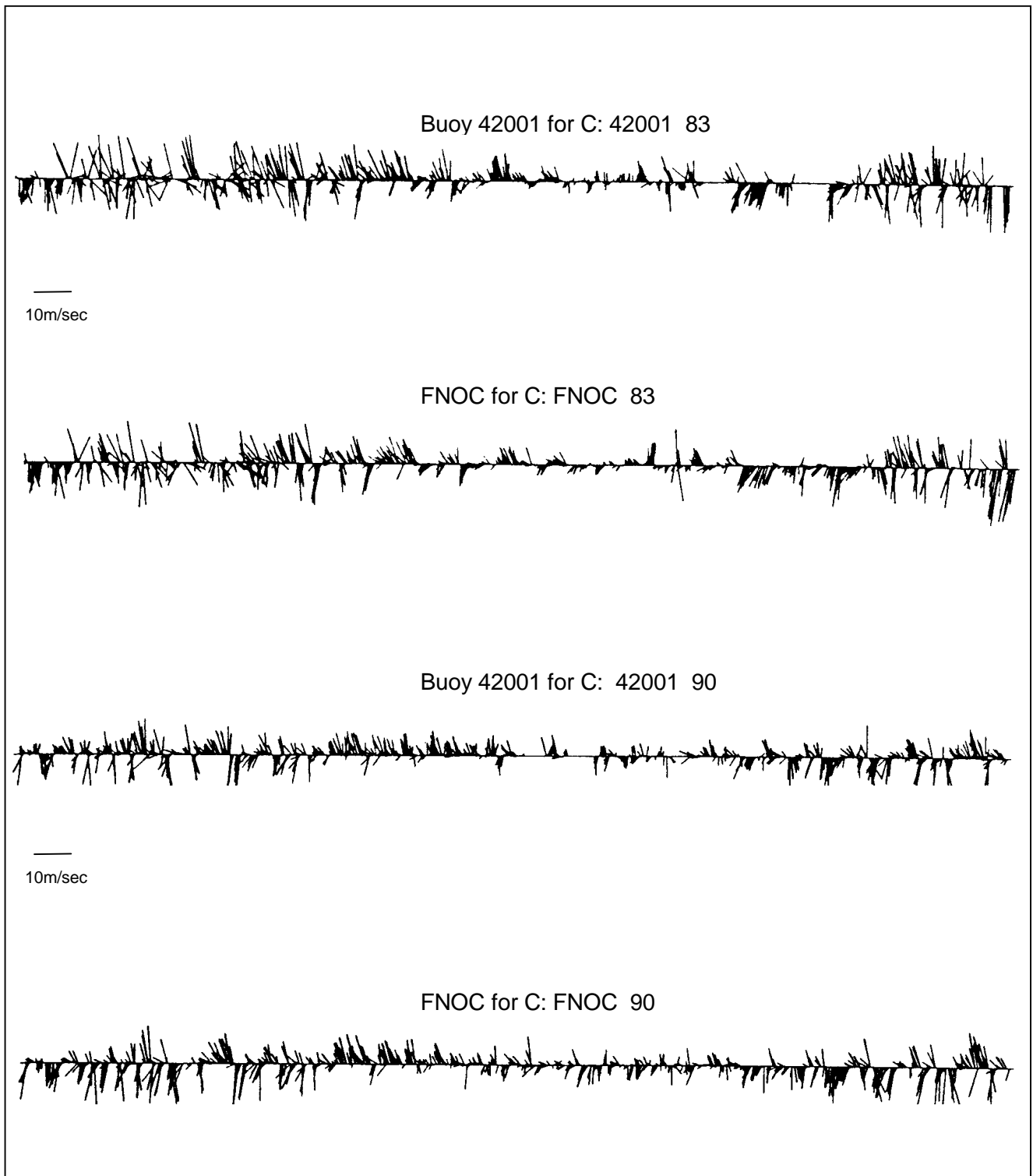


Figure 21. Wind velocities in 1983 and 1990 at the moored NDBC Buoy 42001 (lines 1 and 3) and from the NCGW field (lines 2 and 4) every 12 hours beginning at the left. North is up, east is to the right, and time increases from left to right.

Table 1. Oil-spill occurrence probability estimates for spills greater than or equal to 1,000 barrels resulting from the proposed actions and the OCS Program

	Volume (Bbbl)	Mean Number of spills from			Mean Number of spills (total)	Probability (% chance) of one or more spills from			Probability (% chance) of one or more spills (total)
		platforms	pipelines	tankers		platforms	pipelines	tankers	
Proposed Actions									
Western (low estimate)	0.010	0.00	0.01	N/A	0.02	n	1	N/A	2
Central (low estimate)	0.150	0.07	0.20	N/A	0.26	6	18	N/A	23
Western (high estimate)	0.090	0.04	0.12	N/A	0.16	4	11	N/A	15
Central (high estimate)	0.440	0.20	0.58	N/A	0.77	18	44	N/A	54
OCS Program									
Western (low estimate)	1.485	0.67	1.88	0.02	2.56	49	85	2	92
Central (low estimate)	9.250	4.16	11.79	0.12	16.04	98	99+	12	99+
Eastern (low estimate)	0.075	0.03	0.10	0.00	0.13	3	9	n	12
Gulfwide (low estimate)	10.810	4.86	13.77	0.15	18.74	99	99+	14	99+
Western (high estimate)	2.735	1.23	3.40	0.07	4.69	71	97	7	99
Central (high estimate)	12.350	5.56	15.73	0.17	21.41	99+	99+	16	99+
Eastern (high estimate)	0.140	0.06	0.18	0.00	0.25	6	17	n	22
Gulfwide (high estimate)	15.225	6.85	19.31	0.24	26.34	99+	99+	21	99+
Bbbl = billion barrels n = <0.5 percent N/A = not applicable									

Table 2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	19	1	n	n	n	14	2	1	n	n	12	1	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	9	2	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	4	4	4	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	6	n	n	n	n
Timbalier Bay	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	7	2	n	n	n	1	n	n	n	n	n	n	n	n
Texas Coastal Waters	35	2	n	n	n	1	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	20	4	3	n	n	n	n	n	n	n
MS Coastal Waters	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	2	n	n	n	n	19	1	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	3	1	n	n	n
Stetson Bank	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	17	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	3	1	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 3 days-- Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	12	7	18	9	7	5	7	6	6	6	3	3	3	3	8	7	78	5
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	1	3	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	9	8	10	9	12	2	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	2	12	8	5	5	1	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	1	1	1	1	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	5	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	1	n	1	11	1	11	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	17	13	28	16	11	10	11	2	9	2	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	n	1	7	2	8	6	6	8	9	23	17	9	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	37	1
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	10	7	18	9	7	5	7	1	5	1	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	6	7	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	1	13	8	6	5	1	n	1	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	5	1	5	1	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	5	n	5	1	1	2	1	1	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	5	n	5	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	1	1	1	1	1	1	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	31	1	n	n	54	1	n	n	54	47	27	n	n	n	67	55	16	n	n	n	n	35	15	50	2
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	31	11	n	n	n	n	31	7	4	n
Aransas Refuge	n	n	n	n	5	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	34	2	n	2	n	n	n	n
Texas Coastal Waters	52	2	n	n	76	6	n	n	77	71	44	n	n	n	92	85	29	n	n	n	n	61	25	75	6
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	2	n	n	14	n	n	n
Texas Maj. Beaches	28	1	n	n	49	1	n	n	51	21	23	n	n	n	66	55	16	n	n	n	n	35	15	44	2
Cameron County Bchs.	26	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	2	n	n	n	47	n	n	n	51	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	2	n	n	n	n	18	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	3	20	n	n	n	14	5	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	2	n	n	n	51	37	6	n	n	n	n	3	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	26	13	n	n	n	n	34	13	8	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	37	1
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Land	56	13	27	31	44	16	n	n	n	n	33	18	38	15	8	n	n	n	n	n	n	n	n	n	n	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	5	1	n	25	37	8	28	2	7	15	2	6	21	42	37	7	1	n	n	28	5	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	8	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	69	17	41	48	70	31	n	n	n	n	57	36	61	29	18	1	1	n	n	n	n	2	n	n	n	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	37	6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron Parish Bchs.	37	6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	10	n	n	n	23	1	n	n	n	n	10	n	1	n	n	n	n	n	28	12	n	n	n	17	n	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	8	1	n	n	4	16	20	15	15	9	2	n	4	n	n	11	1	n	1	n	n	1	1	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	3	6	n	n	n	38	8	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	1	n	n	n	19	n	n	n	n	n	9	n	n	n	n	n	n	n	27	11	n	n	n	17	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	5	n	n	n	9	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	17	n	n	n	38	4	n	n	n	n	16	n	3	n	n	n	n	n	44	20	n	n	n	28	n	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	n	n	n	8	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	n	n	n	8	n	

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Table 2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	n	n	29	7	n	n	38	9	3	45	34	33	6	n	n	33	8	48	15	6	28	4	n	6	3	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	37	31	10	n	36	31	11	10	41	42	34	8	n	48	30	8	20	12	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	27	6	n	n	8	2	n	31	7	9	6	n	n	5	4	1	1	n	n	n	n	n	n	n
Barataria Bay	n	n	6	2	n	n	29	4	n	19	23	22	1	n	n	10	4	n	1	n	n	n	n	n	n	n
Camada Headland	n	n	23	5	n	n	24	4	n	33	15	16	4	n	n	8	6	1	1	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	1	n	1	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	44	13	2	n	60	22	9	62	56	53	12	1	n	72	18	77	36	14	56	11	2	15	9	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	22	5	n	n	29	5	n	33	18	18	4	n	n	9	7	1	1	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	22	5	n	n	23	4	n	33	15	16	4	n	n	8	6	1	1	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 3 days-- Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	n	52	21	47	29	29	18	2
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	2	15	4	n
Timbalier Bay	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	24	8	11	7	1	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	n	81	42	17	11	2	n	n
MS Coastal Waters	n	n	n	67	28	8	n	n
Alabama Cstl. Waters	n	n	n	3	14	37	20	n
FL Panhandle Waters	n	n	n	n	n	n	25	8
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
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Table 3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	62	25	7	1	n	42	11	13	2	n	46	18	2	1	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	2	3	n	n	13	14	4	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	4	6	13	2	n	n	n	n	1	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	11	1	n	n	n	2	n	n	n	n	n	n	n	n	n
Aransas Refuge	2	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	17	5	n	n	n
Timbalier Bay	n	n	n	n	n	3	3	5	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	2	1	3	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	2	2	4	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	5	1	1	n	n	5	3	1	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
Flower Gardens NMS	n	10	7	2	n	n	2	n	n	n	n	n	n	n	n
Texas Coastal Waters	70	30	9	1	n	9	n	n	n	n	n	n	n	n	n
LA Coastal Waters	1	n	n	n	n	39	14	18	2	n	9	6	2	1	n
MS Coastal Waters	n	n	n	n	n	4	n	n	n	n	7	2	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	4	1	n	n	n	43	16	1	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	11	9	1	n	n
Stetson Bank	1	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	54	19	5	n	n	6	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	14	7	2	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	8	6	2	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	9	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	9	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	13	1	n	n	n	3	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	3	n	n	n	n	3	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	8	2	4	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	6	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
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Table 3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	38	22	45	30	21	19	22	19	20	20	12	13	18	18	35	30	93	18
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	1	4	1	4	7	9	6	4	1	1	1	1	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	13	16	22	19	25	9	n	2
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	5	18	17	14	11	7	3	5	2	n	n	n	n	n	n	n	n
Aransas Refuge	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	6	7	9	7	8	3	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	2	3	6	7	11	3	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	3	4	6	7	11	4	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	13	10	5
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	5	1	6	14	3	14	3	2	1	n	n	n	n	n	n	n	n
Texas Coastal Waters	41	26	51	35	26	23	25	12	19	10	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	1	3	11	6	15	16	17	24	25	46	36	14	13
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	39	4
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	12
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Stetson Bank	n	1	n	3	2	1	1	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	30	20	42	28	21	18	20	9	16	7	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	9	1	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	1	7	9	4	2	1	1	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	10	15	9	6	5	2	n	1	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	5	19	18	15	13	9	4	6	3	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	1	1	10	5	9	4	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	1	2	7	3	9	3	5	8	7	12	4	n	n
Cameron Parish Bchs.	n	n	n	n	n	1	2	7	3	9	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	3	4	6	6	11	4	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

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Table 3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	65	26	12	3	94	57	17	1	95	90	72	19	6	1	93	90	49	1	n	n	7	80	46	89	29
Tamaulipas, Mexico	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	n	n	n	n	n	1
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	2	2	n	n	9	42	27	n	n	n	2	54	23	17	10
Aransas Refuge	1	1	n	n	13	5	n	n	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	3	n	n	2	6	10	n	n	1	40	11	3	10	n	1	n	2	
Texas Coastal Waters	74	32	16	5	96	67	23	2	97	95	80	26	10	2	98	96	59	3	n	n	10	90	56	87	33
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	15	5
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	1	n	n	n	1	3	2	n	n	4	5	n	n	18	n	1	n	1
Texas Maj. Beaches	58	22	10	3	81	44	13	1	85	52	60	16	5	1	89	86	48	1	n	n	6	78	44	76	25
Cameron County Bchs.	35	8	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	22	10	4	1	70	18	3	n	78	8	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	1	3	3	1	11	23	4	n	7	36	9	3	1	n	3	2	1	n	n	n	1	1	n	n	n
Matagorda Rec. Bchs.	n	n	1	n	n	2	4	n	n	9	36	5	1	n	24	14	6	n	n	n	2	5	2	1	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	1	n	n	n	10	6	2	n	58	48	17	n	n	n	2	16	6	4	2
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	2	2	n	n	8	39	30	1	n	n	2	61	31	25	13
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	3	8	48	11
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	3
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	3
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
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Table 3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																										
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S		
Land	89	42	66	71	78	50	12	4	10	2	67	56	68	56	45	18	20	5	1	n	n	20	5	1	n		
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
W. Winter Menhaden	n	3	6	1	1	26	46	26	39	18	9	18	5	10	26	48	46	27	15	10	2	41	25	10	3		
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Galveston & W. Bays	6	4	3	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	3	1	1	n	n	n	n	n	n	n	n	n	n		
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Flower Gardens NMS	n	n	n	n	n	n	1	3	2	4	n	n	n	n	n	n	1	n	1	1	1	1	n	n	n		
Texas Coastal Waters	25	21	16	11	8	6	1	n	1	1	4	3	1	4	3	2	2	n	n	n	n	2	n	n	n		
LA Coastal Waters	78	33	63	75	86	55	14	5	11	3	77	66	81	63	53	21	23	7	2	1	n	24	8	2	n		
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Stetson Bank	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Texas Maj. Beaches	21	14	11	7	5	4	1	n	1	n	2	2	n	2	1	1	1	n	n	n	n	1	n	n	n		
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Brazoria Rec. Bchs.	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Galveston Rec. Bchs.	9	6	4	3	2	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Jefferson Rec. Bchs.	12	8	7	4	3	3	n	n	n	n	2	1	n	2	1	1	1	n	n	n	n	1	n	n	n		
Louisiana Rec. Bchs.	46	16	16	12	7	9	4	1	4	1	5	5	2	7	6	4	3	1	n	n	n	3	1	n	n		
Cameron Parish Bchs.	46	16	16	12	7	9	4	1	4	1	5	5	2	7	6	4	3	1	n	n	n	3	1	n	n		
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Please pass this note on to Sharon Teger if she is the one who will be creating it. Let her know that she can call me if she has any questions (x1647).

Table 3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	37	7	2	n	51	29	14	9	7	6	32	7	21	7	5	15	8	3	53	33	8	4	1	40	10	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	20	19	8	2	11	28	37	37	36	28	13	14	16	9	6	30	18	7	6	10	14	17	17	7	8	
C. Winter Menhaden	n	n	n	n	2	n	n	n	n	n	2	1	1	8	10	n	n	2	6	8	1	n	n	40	16	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	2	1	n	n	24	2	n	n	n	n	14	1	4	3	3	1	1	1	35	18	1	n	n	27	5	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	2	n	
Cami nada Headland	n	n	n	n	1	n	n	n	n	n	2	n	n	1	1	n	n	n	8	7	n	n	n	12	1	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	1	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n
Texas Coastal Waters	1	n	n	n	1	2	n	n	1	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	45	10	4	n	61	36	18	12	9	6	41	10	28	10	7	20	10	5	65	42	11	6	2	49	14	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	3	n	n	n	2	3	2	1	2	3	2	n	1	1	1	1	n	n	6	7	n	n	n	11	1	
Cameron Parish Bchs.	3	n	n	n	2	3	2	1	2	3	1	n	1	n	n	1	n	n	1	1	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	1	n	n	n	n	n	1	n	n	1	1	n	n	n	5	6	n	n	n	11	1	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

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Table 3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	3	n	54	31	22	3	72	47	33	65	68	65	29	13	2	69	41	71	52	37	50	28	15	30	25	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	4	1	4	5	3	n	1	3	2	4	1	2	6	4	1	1	3	1	2	2	n	n	n	n	1	
C. Winter Menhaden	9	2	40	43	32	8	39	41	31	13	43	43	43	23	6	50	42	14	32	29	3	4	2	5	10	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	
Timbalier Bay	2	n	38	21	11	1	19	19	11	39	18	20	20	10	2	17	21	9	14	11	2	2	1	2	3	
Barataria Bay	n	n	10	5	8	1	47	19	12	22	38	36	3	2	1	28	14	8	16	11	1	1	n	2	3	
Camada Headland	n	n	29	11	9	2	38	20	12	38	28	27	8	5	1	22	19	9	15	13	2	2	1	2	4	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	14	11	4	12	6
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	5	1	65	40	28	5	83	58	42	76	79	75	36	17	3	86	52	88	66	48	71	39	20	42	36	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	2	2	1	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	3	1	1	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	28	11	10	2	46	22	13	38	33	32	8	5	1	26	20	9	17	14	2	2	1	2	4	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	27	11	9	2	37	19	12	37	27	27	8	5	1	21	18	9	15	12	2	2	1	2	4	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	6	76	45	80	69	66	51	22
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n
C. Winter Menhaden	6	n	1	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	1	1	5	21	12	1
Timbalier Bay	1	n	1	n	n	n	n	n
Barataria Bay	1	n	n	n	n	n	n	n
Camada Headland	2	n	n	n	n	n	n	n
Chandeleur/Breton	1	31	19	24	25	14	3	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	10	84	61	32	34	20	5	n
MS Coastal Waters	n	2	3	74	42	22	4	n
Alabama Cstl. Waters	n	n	2	6	20	48	38	9
FL Panhandle Waters	n	n	n	n	n	2	37	31
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	2	n	1	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	2	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	91	69	48	21	7	80	53	46	19	8	79	61	32	19	11
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	1	7	12	8	4	14	23	13	8	3	n	n	1	1	1
C. Winter Menhaden	n	n	n	n	n	4	8	18	11	4	n	1	4	8	4
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	17	7	5	2	n	9	5	1	n	n	n	n	n	n	n
Aransas Refuge	2	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	2	1	1	n	n	21	10	3	1	1
Timbalier Bay	n	n	n	n	n	4	5	10	4	1	n	1	2	3	1
Barataria Bay	n	n	n	n	n	2	2	6	3	n	n	1	2	3	1
Camada Headland	n	n	n	n	n	2	3	7	3	1	n	1	2	3	1
Chandeleur/Breton	n	n	n	n	n	7	2	3	1	n	12	12	7	3	1
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	4	11	n	n	1	2	3
Flower Gardens NMS	1	12	12	10	4	1	4	2	1	n	n	n	n	n	n
Texas Coastal Waters	90	66	43	19	5	26	17	6	1	n	n	n	n	n	n
LA Coastal Waters	3	6	9	4	2	53	38	44	18	4	22	25	20	17	6
MS Coastal Waters	n	n	n	n	n	5	1	2	n	n	11	8	4	2	1
Alabama Cstl. Waters	n	n	n	n	n	5	2	2	n	n	49	28	9	3	2
FL Panhandle Waters	n	n	n	n	n	1	1	1	n	n	20	21	9	2	5
Stetson Bank	1	3	2	2	1	n	1	n	n	n	n	n	n	n	n
Texas Maj. Beaches	78	53	34	14	4	24	14	4	1	n	n	n	n	n	n
Cameron County Bchs.	2	2	1	1	1	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	18	16	9	3	1	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	11	12	7	2	n	1	1	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	13	9	7	3	1	2	2	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	13	6	5	2	1	4	3	1	n	n	n	n	n	n	n
Galveston Rec. Bchs.	20	8	5	2	n	11	7	2	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	5	2	2	1	n	7	4	2	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	2	3	3	2	1	14	10	11	4	1	n	1	2	3	1
Cameron Parish Bchs.	2	3	3	2	1	11	7	3	1	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	3	7	3	1	n	1	2	3	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 30 days - Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	69	48	77	64	53	56	58	56	57	57	41	41	47	43	62	58	98	51
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	1	4	2	4	9	13	8	13	15	17	19	16	8	5	4	4	n	1
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	15	21	31	28	33	18	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	1	10	24	26	21	19	15	13	14	11	2	1	1	n	1	n	n	n
Aransas Refuge	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	10	12	16	13	13	7	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	3	5	10	11	17	7	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	5	7	12	12	17	7	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	17	10
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	1
Flower Gardens NMS	5	12	5	11	18	6	18	6	4	4	3	1	1	n	n	n	n	n
Texas Coastal Waters	71	48	77	63	47	46	50	37	42	32	8	6	4	3	3	2	n	n
LA Coastal Waters	n	3	1	4	7	12	11	24	19	30	39	41	48	45	65	53	15	32
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	40
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	3	18
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	5
Stetson Bank	1	3	1	4	4	1	2	1	1	1	n	n	n	n	n	n	n	n
Texas Maj. Beaches	55	41	69	57	43	42	44	34	38	29	6	4	3	2	2	1	n	n
Cameron County Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	30	3	5	3	1	1	1	1	1	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	14	4	7	5	3	3	2	2	2	1	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	6	11	15	9	5	5	4	3	3	3	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	3	14	21	14	11	10	8	5	6	5	1	1	n	n	n	n	n	n
Galveston Rec. Bchs.	1	11	26	29	23	23	19	16	17	13	2	1	2	1	1	1	n	n
Jefferson Rec. Bchs.	n	2	1	3	4	5	14	10	13	9	2	2	1	1	1	n	n	n
Louisiana Rec. Bchs.	n	1	n	2	3	6	6	13	8	14	9	11	15	14	20	9	n	4
Cameron Parish Bchs.	n	1	n	2	3	6	6	13	8	14	4	3	2	1	1	1	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	4	7	11	11	16	7	n	3

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	93	81	67	47	99	93	70	37	**	99	93	69	53	34	99	99	87	47	29	15	58	98	85	99	79
Tamaulipas, Mexico	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	1	1	n	n	2	5	n	n	n	2	6	7	n	n	2	14	19	12	6	n	3	n	4
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	1	3	2	n	1	5	5	n	n	6	13	10	6	10	44	38	9	5	2	14	59	36	19	25
Aransas Refuge	5	4	2	n	13	5	n	n	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	1	4	7	n	1	5	15	n	n	1	6	14	20	n	n	1	42	16	11	14	n	2	n	3
Texas Coastal Waters	94	81	69	49	99	94	73	38	**	99	94	72	53	33	99	99	86	38	20	10	57	97	82	90	69
LA Coastal Waters	n	n	n	n	n	n	1	2	n	n	2	4	5	n	1	4	14	12	6	6	3	6	16	14	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	1	1	2	n	n	2	3	n	n	n	3	5	5	n	n	5	6	2	1	19	n	2	n	1
Texas Maj. Beaches	80	67	56	39	86	74	57	30	90	60	78	59	43	26	94	94	79	32	16	7	47	92	75	84	63
Cameron County Bchs.	36	11	5	3	n	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	34	30	23	14	73	33	17	6	82	12	5	6	5	4	2	1	2	2	1	1	3	1	1	n	1
Calhoun Rec. Bchs.	8	16	12	8	12	29	12	6	7	38	13	10	6	4	4	3	4	3	2	1	5	2	2	1	2
Matagorda Rec. Bchs.	1	8	9	8	n	7	15	7	n	9	41	15	9	5	24	15	12	6	2	1	9	8	7	3	6
Brazoria Rec. Bchs.	n	2	4	4	n	3	7	6	n	n	14	16	11	5	58	50	23	7	3	1	12	18	14	6	11
Galveston Rec. Bchs.	n	1	3	3	n	1	5	5	n	n	6	14	12	7	9	42	44	11	6	2	17	68	45	28	31
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	1	n	n	n	1	2	2	n	1	4	6	2	1	4	5	13	49	18
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	1	n	n	n	1	2	3	n	n	2	6	5	3	4	2	4	9	7
Cameron Parish Bchs.	n	n	n	n	n	n	n	1	n	n	n	1	2	3	n	n	2	6	5	3	4	2	4	9	7
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 30 days-- Cont.

Environmental Resource	Hypothetical Spill Location																										
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S		
Land	99	84	93	95	96	87	65	50	63	49	93	90	91	90	85	70	70	49	38	31	19	70	47	31	19		
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
W. Winter Menhaden	n	5	6	1	1	27	47	34	42	29	10	19	7	12	27	49	48	37	29	26	20	45	36	26	20		
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1		
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Galveston & W. Bays	9	17	11	9	7	9	11	8	12	10	5	7	4	7	7	11	10	7	5	4	2	9	5	3	1		
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	1	4	1	2	n	n	1	n	n	n	1	1	1	1		
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Flower Gardens NMS	n	1	1	n	n	1	3	5	3	6	1	n	1	n	1	2	2	3	4	6	7	2	3	5	5		
Texas Coastal Waters	29	48	32	24	19	28	32	27	35	30	18	21	13	22	23	32	27	22	17	14	9	26	16	10	6		
LA Coastal Waters	79	42	69	79	88	67	40	29	35	25	84	77	87	75	69	46	50	33	26	21	13	51	37	26	17		
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Stetson Bank	n	1	n	n	n	n	1	1	1	1	n	n	n	1	n	1	n	1	1	1	1	1	n	n	1		
Texas Maj. Beaches	28	45	30	22	18	25	27	22	30	24	16	19	12	20	20	28	24	18	14	11	6	22	13	7	4		
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	1	n	n	n		
Calhoun Rec. Bchs.	1	1	1	1	n	1	1	1	1	1	n	n	n	n	n	n	1	1	1	1	1	1	n	n	n		
Matagorda Rec. Bchs.	2	5	2	2	1	3	2	2	3	3	2	2	1	2	2	2	2	2	2	2	1	2	1	1	1		
Brazoria Rec. Bchs.	3	7	5	4	3	4	5	4	5	6	2	3	3	4	3	5	4	3	3	1	1	3	2	2	n		
Galveston Rec. Bchs.	12	21	14	11	9	11	15	10	14	12	7	9	5	9	9	14	13	9	6	5	2	12	6	3	2		
Jefferson Rec. Bchs.	13	14	11	7	6	8	7	6	8	5	5	6	4	7	7	9	7	5	4	3	1	6	4	2	1		
Louisiana Rec. Bchs.	47	21	19	14	9	14	14	10	13	10	9	11	6	12	13	13	13	9	8	7	5	13	9	6	3		
Cameron Parish Bchs.	47	21	19	14	9	14	14	10	13	10	9	11	6	12	13	13	13	9	8	7	5	13	9	6	3		
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	76	48	35	22	83	75	64	59	57	59	71	48	66	46	41	63	50	37	81	69	50	42	41	72	48	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	25	32	25	20	13	32	42	43	41	33	18	28	24	22	18	37	31	22	9	17	27	31	32	13	19	
C. Winter Menhaden	1	1	3	6	3	1	n	n	n	n	3	3	3	12	17	1	2	7	6	9	4	1	n	40	20	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	7	4	2	1	6	9	9	7	9	12	6	4	6	3	2	7	4	2	5	5	4	4	7	4	3	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	3	3	4	3	25	3	1	1	n	n	16	5	6	8	11	2	4	6	37	21	5	2	n	30	11	
Barataria Bay	n	n	1	n	n	n	n	n	n	n	1	1	n	1	3	n	n	1	1	2	1	n	n	3	2	
Camada Headland	n	1	1	1	2	n	n	n	n	n	2	1	1	3	4	n	1	2	8	8	1	1	n	13	3	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	1	2	2	2	1	1	2	3	3	4	1	2	1	1	2	2	2	2	1	1	2	2	5	1	1	
Texas Coastal Waters	19	13	7	4	16	24	24	24	29	34	17	12	19	10	8	21	13	8	14	14	12	14	21	12	10	
LA Coastal Waters	64	41	32	21	75	58	48	42	36	30	62	42	54	42	39	49	43	35	77	63	44	33	25	68	44	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	1	1	n	n	n	1	1	1	1	n	1	n	n	n	1	n	n	n	n	n	n	1	1	n	
Texas Maj. Beaches	17	10	5	3	14	21	21	20	24	29	14	9	16	8	6	18	10	6	12	12	10	11	18	10	8	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	1	1	1	1	n	n	n	n	n	1	n	n	n	n	n	n	1	n	n	
Matagorda Rec. Bchs.	1	1	1	n	1	2	1	2	3	3	1	1	1	n	n	1	1	1	1	1	n	1	2	1	1	
Brazoria Rec. Bchs.	3	1	1	n	3	3	4	4	3	6	2	1	3	1	1	3	2	1	2	2	2	2	3	2	1	
Galveston Rec. Bchs.	8	5	2	1	7	11	11	10	12	15	7	5	8	4	3	9	5	3	5	6	5	5	8	5	4	
Jefferson Rec. Bchs.	6	4	2	1	5	7	6	6	7	6	5	3	5	3	2	6	3	2	4	4	4	4	5	3	3	
Louisiana Rec. Bchs.	10	9	6	4	8	12	12	12	11	12	10	8	10	10	8	11	9	7	11	13	9	8	9	18	9	
Cameron Parish Bchs.	9	9	5	3	7	12	12	11	11	12	9	7	10	7	4	11	9	6	5	7	8	7	9	6	6	
LaFourche Rec. Bchs.	n	1	1	1	1	n	n	n	n	n	2	1	1	3	4	n	1	2	6	7	1	n	n	12	3	

Note: Hypothetical Spill Locations: L# = subareas
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Table 4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	37	25	80	66	55	27	88	74	62	86	86	85	64	47	27	86	72	85	76	65	77	65	56	66	61	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	16	15	8	11	9	5	3	5	5	5	3	4	13	12	11	2	6	2	4	5	1	1	1	2	2	
C. Winter Menhaden	17	13	40	46	39	23	39	44	39	13	43	43	45	32	21	50	46	16	36	37	5	8	6	8	16	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	2	1	3	3	2	n	1	2	1	3	2	2	3	2	1	2	2	1	1	1	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	4	3	
Timbalier Bay	9	5	42	27	18	8	21	24	17	41	21	23	25	18	10	19	26	11	18	16	3	4	3	5	8	
Barataria Bay	3	2	11	7	12	6	49	22	18	23	40	38	4	5	4	29	18	9	19	17	2	3	3	7		
Camada Headland	4	3	31	14	14	8	39	23	17	39	29	29	10	9	5	24	23	10	19	17	3	4	3	4	9	
Chandeleur/Breton	n	n	n	n	n	1	n	n	1	n	n	n	n	n	n	n	n	n	1	1	2	20	19	13	20	13
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	2	1	1	1	1	1	n	n	n	1	n	n	1	1	1	n	1	n	n	n	n	n	n	n	n	
Texas Coastal Waters	6	4	9	9	6	1	4	5	4	9	5	6	10	7	3	5	7	3	4	3	1	1	1	1	1	
LA Coastal Waters	36	24	79	65	55	28	90	76	64	86	88	87	61	46	27	92	73	93	79	68	79	57	44	59	59	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	10	9	10	7
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	7	9	12	9	6
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	5	4	3	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	5	3	7	6	4	1	3	4	3	7	4	4	8	5	2	4	6	2	3	2	1	1	n	1	1	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	1	n	1	1	1	1	n	1	1	n	1	1	1	1	n	1	1	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	2	2	4	3	2	1	2	2	2	4	2	2	4	3	1	2	3	1	2	1	n	n	n	n	n	n
Jefferson Rec. Bchs.	2	1	2	2	1	n	1	1	1	3	1	1	3	2	1	1	2	1	1	1	n	n	n	n	n	n
Louisiana Rec. Bchs.	8	5	34	19	18	10	50	29	21	42	37	37	15	12	7	30	28	12	23	22	4	5	4	5	10	
Cameron Parish Bchs.	4	3	4	5	3	1	2	3	2	3	2	3	5	3	1	2	4	1	2	2	1	1	n	1	1	
LaFourche Rec. Bchs.	4	2	28	14	14	8	39	22	17	38	29	29	10	9	5	23	22	10	18	17	3	4	3	4	9	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	<u>Hypothetical Spill Location</u>							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	33	90	77	95	91	89	79	58
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	3	n	n	n	n	n	n	n
C. Winter Menhaden	18	n	2	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	1	4	3	7	23	15	6
Timbalier Bay	6	n	1	n	n	n	n	n
Barataria Bay	7	n	1	n	n	n	n	n
Caminada Headland	7	n	2	n	n	n	n	n
Chandeleur/Breton	4	33	27	26	29	18	7	4
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	1	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	1	n	1	n	n	n	n	n
LA Coastal Waters	34	85	71	35	38	27	13	9
MS Coastal Waters	2	6	10	76	45	25	7	3
Alabama Cstl. Waters	1	4	10	9	24	52	44	19
FL Panhandle Waters	1	2	4	1	4	6	45	48
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	1	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	9	n	2	n	n	n	n	n
Cameron Parish Bchs.	1	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	7	n	2	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	19	1	n	n	n	14	2	1	n	n	12	1	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	1	n	n	n	n	12	1	n	n	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	3	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	11	1	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	4	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	6	1	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 5. Conditional probabilities (expressed as percent chance) that an oil spill starting At a particular location will contact a certain environmental resource (set 2) within 3 days-- Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	12	7	18	9	7	5	7	6	6	6	3	3	3	3	8	7	78	5
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	38
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	36
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	37
Sabine Lake	n	n	n	n	n	n	4	1	4	1	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	31	1	n	n	54	1	n	n	54	47	27	n	n	n	67	55	16	n	n	n	n	35	15	50	2
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	2	n	n	n	20	n	n	n	27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	27	1
Matagorda Bay	n	n	n	n	n	n	n	n	n	39	5	n	n	n	1	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	22	n	n	n	17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	56	13	27	31	44	16	n	n	n	n	33	18	38	15	8	n	n	n	n	n	n	n	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	10	n	n	n	23	1	n	n	n	n	10	n	1	n	n	n	n	n	28	12	n	n	n	17	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	n	n	29	7	n	n	38	9	3	45	34	33	6	n	n	33	8	48	15	6	28	4	n	6	3
Jefferson Par. Bchs.	n	n	4	1	n	n	24	3	n	17	13	13	1	n	n	6	3	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 3 days-- Cont.

Environmental Resource	<u>Hypothetical Spill Location</u>								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	n	52	21	47	29	29	18	2	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	
Mississippi Beaches	n	n	n	47	26	12	n	n	
Hancock Co. Beaches	n	n	n	1	1	n	n	n	
Harrison Co. Beaches	n	n	n	3	1	n	n	n	
Jackson Co. Beaches	n	n	n	45	25	11	n	n	
Alabama Rec. Beaches	n	n	n	3	11	25	13	n	
Mobile Co. Beaches	n	n	n	3	11	21	2	n	
Baldwin Co. Beaches	n	n	n	n	1	11	13	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	9	2
Emerald Coast Bchs.	n	n	n	n	n	n	n	9	2
Bay County Beaches	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	46	26	12	8	2	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	12	1	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	33	10	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	62	25	7	1	n	42	11	13	2	n	46	18	2	1	n
Jefferson Par. Bchs.	n	n	n	n	n	1	1	2	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	5	1	n	n	n	9	3	n	n	n
Hancock Co. Beaches	n	n	n	n	n	1	n	n	n	n	1	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	2	n	n	n	n	1	1	n	n	n
Jackson Co. Beaches	n	n	n	n	n	3	n	n	n	n	8	3	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	3	1	n	n	n	36	12	1	n	n
Mobile Co. Beaches	n	n	n	n	n	2	n	n	n	n	14	4	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	28	10	1	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	6	4	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	6	4	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	9	5	1	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	4	n	n	n	n	13	6	n	n	n
Sabine Lake	1	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Matagorda Bay	7	5	2	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	4	3	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	13	6	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	16	11	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	38	22	45	30	21	19	22	19	20	20	12	13	18	18	35	30	93	18	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	1	2	4	4	8	2	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	47	6	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	1	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	6	1	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	41	5	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	9	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	7	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	45	6	
Sabine Lake	n	n	n	n	n	1	6	4	6	3	n	n	n	n	n	n	n	n	n
Matagorda Bay	4	2	5	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Land	65	26	12	3	94	57	17	1	95	90	72	19	6	1	93	90	49	1	n	n	7	80	46	89	29	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	20	8	4	1	32	10	2	n	44	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	34	6
Matagorda Bay	n	2	1	1	2	12	5	n	1	53	16	4	2	n	5	4	2	n	n	n	1	2	1	n	n	
Corpus C./Aransas B.	3	3	1	n	30	8	1	n	28	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	89	42	66	71	78	50	12	4	10	2	67	56	68	56	45	18	20	5	1	n	n	20	5	1	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	9	6	5	4	3	2	n	n	n	n	1	2	n	1	1	1	1	n	n	n	n	1	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	37	7	2	n	51	29	14	9	7	6	32	7	21	7	5	15	8	3	53	33	8	4	1	40	10
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	1	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	3	n	54	31	22	3	72	47	33	65	68	65	29	13	2	69	41	71	52	37	50	28	15	30	25	
Jefferson Par. Bchs.	n	n	7	4	5	1	37	14	8	19	23	22	2	1	n	18	11	6	11	8	1	1	n	1	2	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	2	3	1
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	1	1
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	2	2	1
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	2	2	1
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	6	76	45	80	69	66	51	22	
Jefferson Par. Bchs.	1	n	n	n	n	n	n	n	
Mississippi Beaches	n	4	5	68	51	32	5	n	
Hancock Co. Beaches	n	2	2	7	6	3	n	n	
Harrison Co. Beaches	n	2	2	12	10	5	1	n	
Jackson Co. Beaches	n	1	2	56	41	27	5	n	
Alabama Rec. Beaches	n	n	1	5	16	39	35	8	
Mobile Co. Beaches	n	n	1	5	15	31	10	1	
Baldwin Co. Beaches	n	n	n	1	2	17	29	8	
FL Panhandle Beaches	n	n	n	n	n	n	1	22	18
Emerald Coast Bchs.	n	n	n	n	n	n	1	22	18
Bay County Beaches	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	2	4	62	47	31	22	15	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	3	25	12
Saint Andrew's Bay	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	1	3	45	35	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent..

Table 7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	91	69	48	21	7	80	53	46	19	8	79	61	32	19	11
Jefferson Par. Bchs.	n	n	n	n	n	2	1	4	2	n	n	1	1	2	1
Mississippi Beaches	n	n	n	n	n	7	2	2	n	n	18	13	7	3	1
Hancock Co. Beaches	n	n	n	n	n	2	n	1	n	n	3	2	2	1	n
Harrison Co. Beaches	n	n	n	n	n	3	1	1	n	n	4	4	2	1	n
Jackson Co. Beaches	n	n	n	n	n	5	1	2	n	n	14	9	4	2	1
Alabama Rec. Beaches	n	n	n	n	n	4	2	2	n	n	45	25	8	2	2
Mobile Co. Beaches	n	n	n	n	n	3	1	1	n	n	19	10	4	1	1
Baldwin Co. Beaches	n	n	n	n	n	2	1	1	n	n	33	19	6	1	1
FL Panhandle Beaches	n	n	n	n	n	1	1	1	n	n	14	14	6	1	3
Emerald Coast Bchs.	n	n	n	n	n	1	1	1	n	n	13	13	5	1	2
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	12	10	6	2	1	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	7	2	2	n	n	24	20	9	3	2
Sabine Lake	2	1	1	n	n	5	3	1	n	n	n	n	n	n	n
Matagorda Bay	11	10	7	3	n	1	1	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	6	5	3	1	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	1	1	1	n	n	17	14	4	1	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	2	1	1	3	7	24	24	10	4	7

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	69	48	77	64	53	56	58	56	57	57	41	41	47	43	62	58	98	51	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	2	4	8	7	12	5	n	2
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	11	49	14	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	4	3	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	7	4	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	43	10	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	3	15	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	11	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	8	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	3	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	3	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	14	1	3	2	1	1	1	1	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	10	47	14	
Sabine Lake	n	1	n	1	2	3	9	7	9	6	2	2	1	n	1	n	n	n	
Matagorda Bay	9	5	9	6	4	3	4	2	2	2	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	15	1	2	1	n	1	1	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	3	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	1	6

Note: Hypothetical Spill Locations: L# = subareas
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#(letter) = pipeline route segments
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Table 7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Land	93	81	67	47	99	93	70	37	**	99	93	69	53	34	99	99	87	47	29	15	58	98	85	99	79	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	27	21	16	11	35	20	10	4	46	5	3	4	3	2	1	n	1	1	n	n	2	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	1	n	n	n	1	1	1	n	n	2	3	1	1	2	2	6	34	10	
Matagorda Bay	4	11	10	7	2	18	13	5	1	54	20	12	8	5	6	5	6	4	3	1	7	3	4	1	3	
Corpus C./Aransas B.	7	9	6	3	31	12	7	2	29	7	3	2	2	2	1	1	1	1	1	n	1	n	1	n	1	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	10	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	84	93	95	96	87	65	50	63	49	93	90	91	90	85	70	70	49	38	31	19	70	47	31	19
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	10	10	8	6	4	6	5	4	5	4	4	5	2	4	5	6	5	3	2	1	1	6	3	1	1
Matagorda Bay	1	2	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	76	48	35	22	83	75	64	59	57	59	71	48	66	46	41	63	50	37	81	69	50	42	41	72	48
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n	1	1	1	n	n	n	2	1
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	4	3	1	1	4	4	5	4	4	5	3	2	4	2	2	4	2	1	3	3	3	3	3	2	2
Matagorda Bay	1	n	n	n	1	1	1	1	2	2	n	n	1	n	n	1	n	n	n	n	1	1	2	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	37	25	80	66	55	27	88	74	62	86	86	85	64	47	27	86	72	85	76	65	77	65	56	66	61	
Jefferson Par. Bchs.	2	1	8	5	8	5	38	16	12	20	24	23	3	3	3	19	14	7	13	12	2	2	2	3	6	
Mississippi Beaches	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	1	1	1	12	15	13	15	10	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	3	4	3	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	6	3	6	4	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	9	9	8	6
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	6	8	11	7	5	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	6	5	3	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	6	4	2	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	3	2	1	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	3	2	1	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	1	1	1	11	14	13	13	9	
Sabine Lake	2	1	2	1	n	1	1	1	2	1	1	2	1	1	1	1	1	n	1	1	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	4	2	1	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	1	n	n	n	n	n	n	n	n	1	n	n	1	n	n	4	4	6	4	3	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent..

Table 7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	33	90	77	95	91	89	79	58
Jefferson Par. Bchs.	5	n	1	n	n	n	n	n
Mississippi Beaches	3	10	17	73	59	40	11	4
Hancock Co. Beaches	1	4	5	9	9	6	1	1
Harrison Co. Beaches	1	5	6	14	14	9	2	1
Jackson Co. Beaches	2	4	10	60	46	32	9	3
Alabama Rec. Beaches	1	3	8	8	22	44	43	19
Mobile Co. Beaches	1	2	5	7	19	34	14	5
Baldwin Co. Beaches	1	2	4	3	5	20	35	16
FL Panhandle Beaches	n	1	2	1	2	5	31	36
Emerald Coast Bchs.	n	1	2	1	2	4	30	34
Bay County Beaches	n	n	n	n	n	n	1	2
Gulf County Beaches	n	n	n	n	n	n	n	1
Franklin Co. Beaches	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	3	8	15	68	54	39	31	28
Sabine Lake	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n
Endangered Mouse Hab	1	1	3	1	2	5	30	20
Saint Andrew's Bay	n	n	n	n	n	n	1	1
Saint Joseph's Bay	n	n	n	n	n	n	n	n
Florida Cstl. Waters	1	3	5	2	4	7	52	52

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr. s.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S. /Matagor.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	3	n	n	n	n	5	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	n	n	n	n	11	1	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 3 days-- Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	6	5	4	4	7	6	6	6	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	78	3

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Laguna Madre Seagr.	31	1	n	n	4	n	n	n	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	40	10	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	n	n	n	n	29	14	50	2	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	56	13	27	31	41	8	n	n	n	n	6	3	n	5	1	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	14	26	42	16	n	n	n	n	32	8	1	11	3	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 3--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	1	11	11	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	7	2
Choctawhatchee Bay	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	47	29	19	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr. s.	9	5	2	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S. /Matagor.	10	5	2	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	10	n	n	n	n	21	2	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	n	n	n	n	26	9	1	n	n
Vermilion/Atchafala.	n	n	n	n	n	6	1	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	3	2	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	5	1	n	n	n	14	5	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 10 days- -Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr. s.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S. /Matagor.	4	3	6	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	1	8	10	9	10	18	18	18	19	1	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	88	8

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Laguna Madre Seagr. s.	57	17	7	2	12	6	1	n	19	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	2	2	1	2	12	6	n	1	57	27	6	2	n	9	6	3	n	n	n	2	3	1	1	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	13	1	n	n	1	48	33	80	25	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	86	40	65	69	71	38	11	4	9	2	31	31	13	35	27	16	17	5	1	n	n	17	4	1	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	19	37	54	27	2	1	1	n	50	28	16	32	22	6	9	2	n	n	n	10	3	1	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	16	3	1	n	11	19	12	8	7	6	8	3	8	1	n	11	3	1	6	5	3	2	1	4	1
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	14	4	1	n	10	15	8	5	2	n	8	4	9	2	n	9	4	1	7	6	4	2	n	4	2
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	3	1	n	n	n	1	n	3	n	1	1	n	n	1	1	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
Vermilion/Atchafala.	n	n	3	2	n	n	1	1	n	4	1	1	2	1	n	1	1	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	3	3	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 10--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	1	2	16	26	6
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	1	16	15
Choctawhatchee Bay	n	n	n	n	n	n	1	3
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	4	5	68	55	42	8	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	11	10	6	2	1	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	14	13	9	3	1	2	1	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	18	12	12	5	2	41	26	13	5	1	n	n	n	1	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	2	1	1	n	n	31	17	5	1	1
Vermilion/Atchafala.	n	1	2	1	1	9	7	6	2	1	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	1	n	n	n	n	9	9	4	1	2
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	2	2	1	n	1
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	1	3	n	n	n	1	1
Manatees	n	n	n	n	n	n	n	n	2	5	n	n	n	1	2
Mississippi Sound	n	n	n	n	n	8	3	3	n	n	24	16	8	3	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	11	1	2	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	10	8	13	7	6	5	5	3	3	3	1	n	n	n	n	n	n	n
Chenier Cstl. Barr.	1	9	12	22	23	29	35	41	40	43	18	14	9	7	6	3	n	1
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	8
Vermilion/Atchafala.	n	n	n	n	1	2	1	2	2	3	8	7	5	3	3	2	n	1
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	2
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	12	91	18

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr. s.	64	31	20	13	15	15	9	4	22	3	2	2	3	2	1	n	1	n	n	n	1	n	n	n	n
Espiritu S./Matagor.	4	13	13	9	2	19	18	7	1	58	32	16	11	7	10	8	9	6	4	1	10	5	6	2	5
Chenier Cstl. Barr.	n	n	1	2	n	n	3	5	n	n	3	8	10	10	2	9	27	23	16	8	18	56	51	85	51
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	1	1	n	n	n	1
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	1	3	2	1	1	2	2	3	3	3	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1
Chenier Cstl. Barr.	90	66	82	83	82	63	50	37	47	34	48	54	29	58	56	55	55	36	27	23	14	54	35	21	13
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	1	21	40	56	31	9	6	7	4	54	33	20	37	28	12	16	10	7	6	3	18	13	8	5
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	1	1	1	n	1	1	1	1	3	3	1	1	1	n	n	1	1	n	1	n	1	1	2	n	n
Chenier Cstl. Barr.	44	32	21	13	33	53	48	45	44	42	35	30	40	25	18	46	32	20	25	28	30	30	24	23	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	21	15	10	6	16	21	17	13	9	5	15	14	17	10	8	18	15	10	11	13	13	10	6	11	10
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	17	11	17	19	13	5	8	13	8	15	9	11	22	15	7	9	15	5	9	8	2	3	2	3	3	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	6	4	2
Vermilion/Atchafala.	8	6	8	9	6	2	3	5	4	7	4	4	9	6	3	4	6	2	5	4	1	1	1	1	2	
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	2	1	1
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	1	1	13	17	15	16	11	

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	<u>Hypothetical Spill Location</u>							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	2	n	1	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	1	4	3	5	19	30	14
Vermilion/Atchafala.	1	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	1	2	1	1	3	23	29
Choctawhatchee Bay	n	n	n	n	n	n	1	4
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees.	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	3	11	19	75	64	51	15	5

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table 11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 3 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
13	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
14	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
17	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
18	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
19	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n
20	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
23	n	n	n	n	n	1	n	n	n	n	1	n	n	n	n
24	n	n	n	n	n	1	n	n	n	n	11	1	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table 11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 3--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
4	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	3	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	4	10	4	2	1	n	n	n	n	n	n	n	n	n	n	n	n
9	n	n	6	5	4	4	1	n	n	n	n	n	n	n	n	n	n	n
10	n	n	n	n	n	n	6	1	5	1	n	n	n	n	n	n	n	n
11	n	n	n	n	n	n	n	5	1	5	n	n	n	n	n	n	n	n
16	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n
17	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	n	n	n
18	n	n	n	n	n	n	n	n	n	n	1	1	1	2	4	n	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	n	n
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	75	3
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	27	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	n	n	n	n	4	n	n	n	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	n	n	n	n	43	n	n	n	42	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	n	n	7	1	n	n	3	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	n	n	n	n	n	n	n	40	10	n	n	n	1	n	n	n	n	n	n	n	n	n	n
7	n	n	n	n	n	n	n	n	n	n	16	n	n	n	32	10	1	n	n	n	n	n	n	n	n
8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	33	42	11	n	n	n	n	n	6	1	n
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	n	n	n	n	25	6	4	n
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	8	41	1
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	n
58	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
10	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	29	6	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	25	7	12	5	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
13	n	n	14	26	38	7	n	n	n	n	6	3	n	5	1	n	n	n	n	n	n	n	n	n	n
14	n	n	n	n	4	8	n	n	n	n	26	5	1	6	2	n	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	1	9	38	4	4	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
15	10	n	n	n	7	1	n	n	n	n	2	n	1	n	n	n	n	n	3	1	n	n	n	1	n
16	n	n	n	n	16	n	n	n	n	n	8	n	n	n	n	n	n	n	25	9	n	n	n	13	n
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	4	n	

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
16	n	n	15	4	n	n	2	1	n	17	3	4	4	n	n	2	2	n	n	n	n	n	n	n	n
17	n	n	14	3	n	n	31	5	n	27	22	23	2	n	n	11	5	1	1	n	n	n	n	n	n
18	n	n	n	n	n	n	4	2	1	n	9	6	n	n	n	20	1	14	5	2	1	n	n	n	n
19	n	n	n	n	n	n	n	1	2	n	n	n	n	n	n	n	33	9	4	24	3	n	4	2	
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	1	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
19	n	n	3	n	n	n	n	n	
20	n	49	17	n	n	n	n	n	
21	n	3	n	n	n	n	n	n	
22	n	n	n	3	2	n	n	n	
23	n	n	n	43	27	18	1	n	
24	n	n	n	n	1	11	11	n	
25	n	n	n	n	n	n	7	2	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 10 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n
2	3	2	1	n	n	n	n	n	n	n	n	n	n	n	n
3	5	2	n	n	n	n	n	n	n	n	n	n	n	n	n
4	7	4	1	n	n	n	n	n	n	n	n	n	n	n	n
5	8	7	1	n	n	n	n	n	n	n	n	n	n	n	n
6	10	5	2	n	n	n	n	n	n	n	n	n	n	n	n
7	9	2	1	n	n	n	n	n	n	n	n	n	n	n	n
8	9	1	n	n	n	1	n	n	n	n	n	n	n	n	n
9	5	n	n	n	n	1	n	n	n	n	n	n	n	n	n
10	4	n	n	n	n	4	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	6	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	5	1	n	n	n	n	n	n	n	n
13	n	n	n	n	n	4	1	n	n	n	n	n	n	n	n
14	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n
15	n	n	n	n	n	2	1	1	n	n	n	n	n	n	n
16	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n
17	n	n	n	n	n	2	2	4	n	n	n	n	n	n	n
18	n	n	n	n	n	1	1	1	n	n	n	n	n	n	n
19	n	n	n	n	n	1	2	2	n	n	n	n	n	n	n
20	n	n	n	n	n	3	1	1	n	n	2	1	n	n	n
21	n	n	n	n	n	1	n	n	n	n	1	n	n	n	n
22	n	n	n	n	n	2	n	n	n	n	2	1	n	n	n
23	n	n	n	n	n	3	1	n	n	n	12	4	n	n	n
24	n	n	n	n	n	1	n	n	n	n	26	9	1	n	n
25	n	n	n	n	n	n	n	n	n	n	3	2	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table 12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	15	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	14	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	4	3	6	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
7	1	9	13	6	3	2	1	n	1	n	n	n	n	n	n	n	n	n
8	n	8	16	11	8	6	3	1	2	1	n	n	n	n	n	n	n	n
9	n	1	7	9	8	7	5	2	4	1	n	n	n	n	n	n	n	n
10	n	n	n	1	1	2	11	6	10	5	n	n	n	n	n	n	n	n
11	n	n	n	n	n	1	2	8	3	9	n	n	n	n	n	n	n	n
12	n	n	n	n	n	n	n	2	1	3	n	n	n	n	n	n	n	n
13	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	2	2	1	1	1	n	n	n
16	n	n	n	n	n	n	n	n	n	n	4	5	6	5	5	2	n	n
17	n	n	n	n	n	n	n	n	n	n	3	4	7	7	12	4	n	n
18	n	n	n	n	n	n	n	n	n	n	2	2	3	4	9	2	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	6	n	2
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	2	2
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	2	1	
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	9	2	
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	80	7	
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	35	9	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	13	5	3	1	1	1	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	8	3	1	n	11	5	1	n	17	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	6	4	1	n	57	12	2	n	59	6	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n
5	2	3	3	1	22	26	4	n	15	23	6	2	1	n	2	1	n	n	n	n	n	n	n	n	n
6	n	2	2	1	2	12	6	n	1	57	27	6	2	n	9	6	3	n	n	n	2	3	1	1	n
7	n	n	n	n	n	1	3	n	n	3	32	7	2	n	41	20	8	n	n	n	2	7	2	2	1
8	n	n	n	n	n	n	n	n	n	n	5	4	1	n	39	55	25	n	n	n	2	22	9	6	4
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	11	n	n	n	n	38	16	12	7
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n	n	n	n	9	16	56	14
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	11	3
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1
58	3	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
8	3	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	5	3	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	14	10	8	5	4	3	n	n	1	n	2	2	n	2	1	1	1	n	n	n	n	1	n	n	n
11	39	16	15	11	7	9	3	1	4	1	5	5	2	6	5	3	2	1	n	n	n	2	n	n	n
12	28	11	20	15	12	11	5	2	4	1	8	9	4	9	8	7	7	2	n	n	n	6	1	n	n
13	n	n	19	36	47	15	2	n	1	n	16	15	8	18	13	5	7	2	n	n	n	7	2	n	n
14	n	n	n	1	6	12	n	n	n	n	34	12	9	14	10	1	2	n	n	n	n	3	1	n	n
15	n	n	n	n	n	n	n	n	n	n	2	13	45	7	8	n	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
11	2	n	n	n	2	3	2	1	2	2	1	n	1	n	n	1	n	n	1	n	n	n	n	n	n
12	5	1	n	n	3	6	4	3	3	3	2	1	3	n	n	3	1	n	2	1	1	1	n	1	n
13	9	2	n	n	6	10	6	4	2	n	5	2	5	1	n	7	2	n	4	4	2	1	n	2	1
14	6	2	1	n	4	5	2	1	n	n	4	2	4	1	n	3	2	n	3	3	1	1	n	2	1
15	15	2	n	n	16	4	1	n	n	n	9	2	6	3	1	2	2	1	11	8	3	n	n	8	4
16	n	n	n	n	19	1	n	n	n	n	11	1	3	2	2	n	n	n	31	14	1	n	n	20	4
17	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	2	3	n	n	n	6	1

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
13	n	n	2	1	n	n	n	n	n	2	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n
14	n	n	2	1	n	n	n	1	n	2	1	1	1	n	n	n	1	n	n	n	n	n	n	n	n
15	1	n	5	5	2	n	2	3	1	5	3	3	5	2	n	2	4	1	2	1	n	n	n	n	n
16	1	n	24	15	7	1	8	11	7	23	10	11	15	7	1	9	13	6	8	6	1	1	n	1	2
17	n	n	19	8	9	2	50	22	13	32	38	37	5	3	1	29	18	9	18	14	2	2	1	2	4
18	n	n	1	1	3	1	10	8	6	1	16	12	n	1	n	26	4	17	11	7	2	2	1	1	2
19	n	n	n	n	1	n	1	2	5	n	n	n	n	n	n	1	1	37	12	8	29	10	5	11	10
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	9	8	3	8	4
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	2	1	2	1
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	n	2	1
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	2	1	1
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
17	2	n	n	n	n	n	n	n
18	1	n	n	n	n	n	n	n
19	3	n	7	n	n	n	n	n
20	n	60	26	5	6	4	1	n
21	n	12	5	6	5	2	n	n
22	n	3	3	15	13	7	1	n
23	n	1	3	53	42	36	7	n
24	n	n	n	1	2	16	26	6
25	n	n	n	n	n	1	15	12
26	n	n	n	n	n	n	1	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 13. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 30 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	2	2	1	1	1	n	n	n	n	n	n	n	n	n	n
2	3	3	2	1	n	n	n	n	n	n	n	n	n	n	n
3	6	5	3	1	n	n	n	n	n	n	n	n	n	n	n
4	10	9	5	2	n	n	n	n	n	n	n	n	n	n	n
5	11	13	6	2	n	n	n	n	n	n	n	n	n	n	n
6	14	13	9	3	1	2	1	n	n	n	n	n	n	n	n
7	13	8	6	3	1	2	2	n	n	n	n	n	n	n	n
8	14	6	4	2	n	5	3	1	n	n	n	n	n	n	n
9	9	3	2	1	n	6	3	1	n	n	n	n	n	n	n
10	7	3	2	1	n	10	5	2	1	n	n	n	n	n	n
11	2	3	3	2	1	11	7	3	1	n	n	n	n	n	n
12	1	2	3	1	1	9	6	3	1	n	n	n	n	n	n
13	n	1	1	1	n	6	5	4	2	1	n	n	n	n	n
14	n	n	n	n	n	3	2	2	1	n	n	n	n	n	n
15	n	n	n	n	n	3	2	3	2	n	n	n	n	1	n
16	n	n	n	n	n	2	3	6	3	1	n	1	1	2	1
17	n	n	n	n	n	3	3	7	3	1	n	1	2	3	1
18	n	n	n	n	n	1	1	3	1	n	n	1	1	1	n
19	n	n	n	n	n	1	2	3	1	n	2	3	3	3	1
20	n	n	n	n	n	4	1	2	n	n	8	8	4	2	n
21	n	n	n	n	n	2	1	1	n	n	4	4	2	1	n
22	n	n	n	n	n	3	1	1	n	n	6	5	3	1	n
23	n	n	n	n	n	5	2	2	n	n	18	11	5	2	1
24	n	n	n	n	n	2	1	1	n	n	31	17	5	1	1
25	n	n	n	n	n	n	n	n	n	n	7	7	3	n	1
26	n	n	n	n	n	n	n	n	n	n	2	2	1	n	1
27	n	n	n	n	n	n	n	n	n	n	1	1	1	n	1
44	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
45	n	n	n	n	n	n	n	n	1	2	n	n	n	n	1
46	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
58	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 13. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	7	1	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	21	2	3	2	1	1	1	n	n	n	n	n	n	n	n	n	n	n
5	19	3	5	4	2	1	2	1	1	1	n	n	n	n	n	n	n	n
6	10	8	13	7	6	5	5	3	3	3	1	n	n	n	n	n	n	n
7	5	13	19	11	7	6	5	3	3	3	n	n	n	n	n	n	n	n
8	2	12	22	18	14	12	10	7	8	6	1	1	1	n	n	n	n	n
9	1	3	10	14	12	11	8	8	8	7	1	1	1	n	1	n	n	n
10	n	3	2	5	5	7	17	12	15	11	3	2	2	1	1	n	n	n
11	n	1	n	2	3	5	7	13	8	14	4	3	2	1	1	1	n	n
12	n	1	n	1	2	4	2	6	6	9	5	3	2	2	1	1	n	n
13	n	n	n	n	1	1	1	2	2	3	5	5	3	2	2	1	n	n
14	n	n	n	n	n	n	n	n	n	1	2	2	2	1	1	1	n	n
15	n	n	n	n	n	n	n	n	n	n	5	5	5	4	3	2	n	1
16	n	n	n	n	n	n	n	n	n	n	7	9	11	9	8	4	n	2
17	n	n	n	n	n	n	n	n	n	n	4	7	12	12	19	8	n	3
18	n	n	n	n	n	n	n	n	n	n	2	3	5	6	12	4	n	2
19	n	n	n	n	n	n	n	n	n	n	n	n	1	2	8	6	n	5
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	3	6
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	3	3
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	10	5
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	81	12
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	8
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
58	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Rows with all values less than 0.5 percent are not shown.

Table 13. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	37	12	6	4	n	1	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	15	9	7	5	2	4	2	1	2	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n
3	12	10	7	5	13	10	5	2	19	2	1	2	2	1	n	n	1	n	n	n	1	n	n	n	n
4	13	13	10	6	59	20	10	3	61	9	4	4	3	3	1	1	1	1	1	n	2	n	1	n	1
5	11	17	12	8	23	32	12	6	16	25	9	8	5	4	3	3	3	3	2	1	4	1	2	1	1
6	4	13	13	9	2	19	18	7	1	58	32	16	11	7	10	8	9	6	4	1	10	5	6	2	5
7	1	6	8	6	n	5	13	7	n	4	36	17	10	5	42	22	14	6	2	2	10	10	8	4	7
8	n	1	3	3	n	1	6	4	n	n	8	14	11	5	40	56	32	8	4	1	13	25	17	8	14
9	n	n	1	1	n	n	2	2	n	n	2	4	4	3	1	7	17	4	2	1	6	41	23	14	15
10	n	n	n	n	n	n	1	1	n	n	1	2	3	3	n	2	7	7	3	1	7	12	22	58	23
11	n	n	n	n	n	n	1	n	n	n	1	2	3	n	n	2	6	5	3	3	2	4	12	7	
12	n	n	n	n	n	n	n	1	n	n	n	n	1	1	n	n	1	4	4	2	2	n	1	1	4
13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	n	n	n	n	1
58	3	3	3	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
5	n	1	1	1	n	n	1	1	1	1	n	n	n	n	n	n	1	1	1	1	n	n	n	n	n
6	1	3	2	1	1	2	2	3	3	3	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1
7	2	5	3	2	2	3	2	3	3	4	2	2	2	2	3	2	2	1	2	1	2	1	1	1	1
8	5	9	6	5	4	5	7	5	7	6	3	4	2	4	4	6	5	4	3	2	1	5	3	2	1
9	6	11	6	5	4	6	6	5	6	5	3	4	3	4	5	7	6	4	3	3	1	6	3	1	1
10	15	18	14	9	7	10	10	8	11	7	7	8	4	9	9	11	9	6	5	3	2	9	5	3	2
11	40	21	18	14	9	14	13	10	12	10	9	11	6	11	12	13	13	9	8	6	4	13	9	6	3
12	29	15	22	17	13	15	14	10	13	8	10	13	6	13	14	15	14	9	7	6	4	13	9	6	4
13	n	1	21	38	49	18	8	5	5	3	19	18	10	21	16	10	12	7	5	4	3	13	9	5	3
14	n	n	n	2	7	13	1	2	1	1	35	14	10	15	12	3	4	3	2	1	1	5	4	3	2
15	n	n	n	n	n	n	n	n	n	n	3	13	46	8	9	1	1	1	1	1	n	2	2	2	1
16	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	1	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

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Table 13. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
5	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
6	1	1	1	n	1	1	1	1	3	3	1	1	1	n	n	1	1	n	1	n	1	1	1	2	n	n
7	2	1	n	n	2	2	2	2	2	4	1	1	1	1	n	1	1	1	1	1	1	1	1	2	1	1
8	3	2	1	n	3	4	5	4	5	7	3	2	4	2	1	4	2	1	2	3	2	2	4	2	2	2
9	5	2	1	1	3	6	5	4	5	6	4	2	4	2	1	5	3	1	3	3	3	2	4	2	2	2
10	7	4	2	1	6	8	8	8	9	9	6	4	7	4	3	8	4	2	5	5	5	5	6	4	4	4
11	9	8	5	3	7	12	11	11	10	12	8	7	9	6	4	10	8	5	5	7	7	7	8	5	6	6
12	11	8	6	3	7	13	12	13	12	11	8	8	9	6	5	11	9	5	5	6	7	8	8	5	5	5
13	13	9	6	5	10	14	12	9	7	4	9	9	10	7	5	13	9	6	7	8	9	7	4	7	6	6
14	8	6	4	2	6	8	6	3	2	1	6	5	7	3	3	5	6	4	5	5	5	3	1	4	3	3
15	16	4	4	3	17	4	1	1	n	10	5	8	6	6	3	5	4	12	10	6	2	n	11	8	8	
16	1	2	2	2	21	2	1	n	n	n	13	4	4	6	7	1	2	4	32	16	4	1	n	22	8	8
17	n	1	1	1	1	n	n	n	n	n	1	1	n	2	3	n	n	1	2	4	1	1	n	7	2	2
18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	1	1	n	n	1	1	1

Land Segment	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
7	1	n	1	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	1	n	2	1	1	n	1	1	1	1	1	1	1	1	n	1	1	n	1	1	n	n	n	n	n	n
9	1	1	2	2	1	n	1	1	1	2	1	1	2	1	1	1	1	1	1	n	n	n	n	n	n	n
10	2	1	3	3	2	1	1	2	1	3	1	2	4	3	1	2	3	1	1	1	n	n	n	1	n	n
11	4	3	4	5	3	1	2	3	2	3	3	3	5	3	1	2	4	1	2	1	1	1	n	1	1	1
12	4	2	4	5	4	1	2	3	2	2	2	3	5	4	2	2	3	1	2	2	n	1	n	1	1	1
13	5	4	4	5	3	1	2	3	2	5	2	3	6	4	2	2	4	1	3	3	n	1	n	1	1	1
14	3	3	3	4	2	1	1	2	2	3	2	2	4	2	1	1	3	1	2	2	n	n	n	n	1	1
15	5	3	7	8	5	3	3	5	4	6	4	4	9	6	3	3	6	2	3	3	1	1	1	1	1	1
16	7	4	27	20	12	5	9	15	11	24	11	14	18	12	8	11	17	7	11	10	2	2	2	3	4	4
17	3	2	20	10	14	8	52	26	20	33	40	40	7	7	4	31	22	11	22	20	3	4	3	4	9	9
18	1	1	2	2	5	3	12	10	8	2	17	13	1	2	2	27	7	18	13	10	2	2	2	2	3	3
19	n	n	n	n	1	1	1	2	6	n	n	n	n	1	1	1	1	37	13	9	30	12	9	13	13	13
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	11	12	9	13	7
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	6	5	6	4
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	8	5	8	5
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	9	10	8	6
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	6	4	2	2
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	1	1	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 13. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 30 days-- Cont.

Land Segment	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
11	1	n	n	n	n	n	n	n	n
13	1	n	n	n	n	n	n	n	n
14	1	n	n	n	n	n	n	n	n
15	1	n	n	n	n	n	n	n	n
16	4	n	1	n	n	n	n	n	n
17	8	n	1	n	n	n	n	n	n
18	3	n	1	n	n	n	n	n	n
19	5	n	8	n	1	1	1	1	1
20	2	61	31	7	10	9	5	3	
21	1	16	9	9	10	6	2	2	
22	2	7	9	19	18	11	3	1	
23	1	4	10	56	46	40	12	4	
24	n	1	4	3	5	19	30	14	
25	n	1	1	n	1	2	19	20	
26	n	n	n	n	n	1	4	9	
27	n	n	n	n	n	n	1	2	
28	n	n	n	n	n	n	1	1	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 14. Combined probabilities (expressed as percent chance) of one or more offshore spills greater than or equal to 1,000 barrels, and the estimated number of spills (mean), occurring and contacting a certain environmental resource (set 1) from Gulfwide OCS Program Operations (1998-2036)

Environmental Resource	----- Within 3 days -----		----- Within 10 days -----		----- Within 30 days -----							
	Gulfwide		Gulfwide		Gulfwide							
	Low (GL)	High (GH)	Low (GL)	High (GH)	Low (GL)	High (GH)						
	Prob	Mean	Prob	Mean	Prob	Mean						
Land	91	2.4	96	3.3	**	6.2	**	8.5	**	12.1	**	16.8
Tamaulipas, Mexico	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
W. Winter Menhaden	46	0.6	56	0.8	78	1.5	87	2.0	91	2.4	96	3.3
C. Winter Menhaden	74	1.3	83	1.8	85	1.9	92	2.5	90	2.3	96	3.2
Big Bend Seagrass	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Galveston & W. Bays	5	0.1	8	0.1	17	0.2	24	0.3	60	0.9	73	1.3
Aransas Refuge	1	0.0	1	0.0	3	0.0	5	0.0	4	0.0	6	0.1
Mobile Bay	1	0.0	2	0.0	3	0.0	5	0.0	9	0.1	12	0.1
Timbalier Bay	40	0.5	49	0.7	69	1.2	80	1.6	80	1.6	89	2.2
Barataria Bay	33	0.4	41	0.5	59	0.9	70	1.2	67	1.1	78	1.5
Caminada Headland	37	0.5	47	0.6	62	1.0	73	1.3	71	1.2	81	1.7
Chandeleur/Breton	9	0.1	12	0.1	23	0.3	30	0.4	35	0.4	43	0.6
Florida Middle Grnd.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys NMS	n	0.0	n	0.0	n	0.0	1	0.0	6	0.1	8	0.1
Flower Gardens NMS	5	0.1	9	0.1	12	0.1	19	0.2	30	0.4	44	0.6
Texas Coastal Waters	44	0.6	59	0.9	72	1.3	86	2.0	97	3.6	**	5.3
LA Coastal Waters	97	3.5	99	4.6	**	6.2	**	8.3	**	9.3	**	12.5
MS Coastal Waters	3	0.0	5	0.0	9	0.1	12	0.1	19	0.2	25	0.3
Alabama Cstl. Waters	4	0.0	6	0.1	9	0.1	13	0.1	21	0.2	28	0.3
FL Panhandle Waters	1	0.0	1	0.0	2	0.0	4	0.0	10	0.1	14	0.1
Stetson Bank	2	0.0	3	0.0	4	0.0	6	0.1	10	0.1	15	0.2
Texas Maj. Beaches	27	0.3	39	0.5	62	1.0	77	1.5	95	3.1	99	4.5
Cameron County Bchs.	4	0.0	7	0.1	6	0.1	11	0.1	7	0.1	13	0.1
Kenedy/et al. Bchs.	8	0.1	13	0.1	19	0.2	29	0.3	29	0.3	44	0.6
Calhoun Rec. Bchs.	2	0.0	2	0.0	10	0.1	15	0.2	21	0.2	32	0.4
Matagorda Rec. Bchs.	4	0.0	7	0.1	11	0.1	18	0.2	31	0.4	44	0.6
Brazoria Rec. Bchs.	4	0.0	6	0.1	12	0.1	18	0.2	39	0.5	52	0.7
Galveston Rec. Bchs.	6	0.1	9	0.1	21	0.2	29	0.3	68	1.1	79	1.6
Jefferson Rec. Bchs.	3	0.0	4	0.0	14	0.1	18	0.2	47	0.6	57	0.8
Louisiana Rec. Bchs.	44	0.6	54	0.8	75	1.4	84	1.8	91	2.4	96	3.2
Cameron Parish Bchs.	6	0.1	9	0.1	26	0.3	33	0.4	64	1.0	75	1.4
LaFourche Rec. Bchs.	36	0.5	45	0.6	61	0.9	72	1.3	69	1.2	80	1.6

Note: ** = Greater than 99.5 percent; n = Less than 0.5 percent

Table 15. Combined probabilities (expressed as percent chance) of one or more offshore spills greater than or equal to 1,000 barrels, and the estimated number of spills (mean), occurring and contacting a certain environmental resource (set 2) from Gulfwide OCS Program Operations (1998-2036)

Environmental Resource	----- Within 3 days -----		----- Within 10 days -----		----- Within 30 days -----							
	Gul fwide		Gul fwide		Gul fwide							
	Low (GL)	High (GH)	Low (GL)	High (GH)	Low (GL)	High (GH)						
	Prob	Mean	Prob	Mean	Prob	Mean						
Land	91	2.4	96	3.3	**	6.2	**	8.5	**	12.1	**	16.8
Jefferson Par. Bchs.	25	0.3	32	0.4	47	0.6	57	0.8	54	0.8	65	1.1
Mississippi Beaches	3	0.0	4	0.0	11	0.1	15	0.2	28	0.3	36	0.4
Hancock Co. Beaches	n	0.0	n	0.0	3	0.0	4	0.0	8	0.1	11	0.1
Harrison Co. Beaches	1	0.0	1	0.0	4	0.0	5	0.1	11	0.1	15	0.2
Jackson Co. Beaches	2	0.0	3	0.0	7	0.1	10	0.1	18	0.2	24	0.3
Alabama Rec. Beaches	2	0.0	4	0.0	7	0.1	10	0.1	19	0.2	25	0.3
Mobile Co. Beaches	1	0.0	2	0.0	4	0.0	6	0.1	11	0.1	15	0.2
Baldwin Co. Beaches	1	0.0	2	0.0	4	0.0	6	0.1	11	0.1	15	0.2
FL Panhandle Beaches	n	0.0	1	0.0	1	0.0	2	0.0	6	0.1	9	0.1
Emerald Coast Bchs.	n	0.0	1	0.0	1	0.0	2	0.0	6	0.1	8	0.1
Bay County Beaches	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf County Beaches	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Franklin Co. Beaches	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Padre I. Nat. Seash.	4	0.0	6	0.1	12	0.1	18	0.2	19	0.2	30	0.4
Gulf I. Nat. Seash.	3	0.0	4	0.0	10	0.1	14	0.2	27	0.3	35	0.4
Sabine Lake	2	0.0	3	0.0	10	0.1	13	0.1	35	0.4	44	0.6
Matagorda Bay	3	0.0	5	0.0	10	0.1	15	0.2	24	0.3	35	0.4
Corpus C./Aransas B.	3	0.0	5	0.1	7	0.1	11	0.1	12	0.1	19	0.2
Endangered Mouse Hab	n	0.0	1	0.0	2	0.0	3	0.0	6	0.1	9	0.1
Saint Andrew's Bay	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Saint Joseph's Bay	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Cstl. Waters	1	0.0	2	0.0	3	0.0	4	0.0	14	0.2	19	0.2

Note: ** = Greater than 99.5 percent; n = Less than 0.5 percent

Table 16. Combined probabilities (expressed as percent chance) of one or more offshore spills greater than or equal to 1,000 barrels, and the estimated number of spills (mean), occurring and contacting a certain environmental resource (set 3) from Gulfwide OCS Program Operations (1998-2036)

Environmental Resource	----- Within 3 days -----		----- Within 10 days -----		----- Within 30 days -----							
	Gul fwi de		Gul fwi de		Gul fwi de							
	Low (GL)	Hi gh (GH)	Low (GL)	Hi gh (GH)	Low (GL)	Hi gh (GH)						
	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean						
Laguna Madre Seagr.	6	0.1	10	0.1	14	0.1	22	0.3	20	0.2	33	0.4
Espiritu S./Matagor.	4	0.0	6	0.1	12	0.1	19	0.2	31	0.4	45	0.6
Chenier Cstl. Barr.	27	0.3	35	0.4	76	1.4	85	1.9	99	4.3	**	5.9
Gulf Shrs. Cstl. B.	1	0.0	2	0.0	4	0.0	5	0.1	10	0.1	14	0.2
Vermilion/Atchafala.	18	0.2	23	0.3	55	0.8	65	1.1	79	1.5	88	2.1
Escambia/Pens.; S.R.	n	0.0	n	0.0	1	0.0	1	0.0	4	0.0	6	0.1
Choctawhatchee Bay	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Apalachicola Bay	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Everglades Manatees	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0	2	0.0
Manatees	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0	3	0.0
Mississippi Sound	3	0.0	5	0.0	12	0.1	17	0.2	30	0.4	39	0.5

Note: ** = Greater than 99.5 percent; n = Less than 0.5 percent

Table 17. Combined probabilities (expressed as percent chance) of one or more offshore spills greater than or equal to 1,000 barrels, and the estimated number of spills (mean), occurring and contacting a certain land segment from Gulfwide OCS Program Operations (1998-2036)

Land Segment	----- Within 3 days -----		----- Within 10 days -----		----- Within 30 days -----	
	Gulfwide		Gulfwide		Gulfwide	
	Low (GL) Prob Mean	High (GH) Prob Mean	Low (GL) Prob Mean	High (GH) Prob Mean	Low (GL) Prob Mean	High (GH) Prob Mean
1	4 0.0	7 0.1	6 0.1	11 0.1	8 0.1	13 0.1
2	1 0.0	1 0.0	3 0.0	6 0.1	5 0.1	9 0.1
3	1 0.0	2 0.0	5 0.0	8 0.1	9 0.1	15 0.2
4	7 0.1	11 0.1	13 0.1	20 0.2	19 0.2	30 0.4
5	2 0.0	3 0.0	10 0.1	16 0.2	20 0.2	31 0.4
6	4 0.0	6 0.1	12 0.1	19 0.2	31 0.4	45 0.6
7	4 0.0	7 0.1	11 0.1	18 0.2	32 0.4	45 0.6
8	5 0.1	7 0.1	13 0.1	19 0.2	44 0.6	57 0.8
9	3 0.0	4 0.0	10 0.1	13 0.1	41 0.5	52 0.7
10	4 0.0	5 0.1	17 0.2	22 0.3	56 0.8	67 1.1
11	6 0.1	8 0.1	24 0.3	31 0.4	63 1.0	74 1.3
12	7 0.1	9 0.1	30 0.4	38 0.5	62 1.0	73 1.3
13	12 0.1	15 0.2	39 0.5	48 0.7	63 1.0	74 1.3
14	7 0.1	10 0.1	26 0.3	33 0.4	42 0.5	52 0.7
15	17 0.2	22 0.2	40 0.5	50 0.7	53 0.8	64 1.0
16	28 0.3	35 0.4	53 0.8	64 1.0	65 1.1	76 1.4
17	38 0.5	47 0.6	65 1.0	75 1.4	73 1.3	83 1.8
18	19 0.2	25 0.3	33 0.4	42 0.5	41 0.5	51 0.7
19	28 0.3	35 0.4	37 0.5	46 0.6	41 0.5	51 0.7
20	11 0.1	14 0.2	21 0.2	27 0.3	27 0.3	35 0.4
21	n 0.0	1 0.0	6 0.1	8 0.1	14 0.1	18 0.2
22	1 0.0	1 0.0	5 0.1	7 0.1	15 0.2	19 0.2
23	2 0.0	3 0.0	7 0.1	10 0.1	19 0.2	25 0.3
24	1 0.0	2 0.0	4 0.0	5 0.1	10 0.1	14 0.2
25	n 0.0	n 0.0	1 0.0	1 0.0	3 0.0	5 0.1
26	n 0.0	n 0.0	n 0.0	n 0.0	1 0.0	1 0.0
44	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	1 0.0
45	n 0.0	n 0.0	n 0.0	n 0.0	1 0.0	1 0.0
46	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	1 0.0
58	n 0.0	n 0.0	1 0.0	1 0.0	1 0.0	2 0.0

Note: ** = Greater than 99.5 percent; n = Less than 0.5 percent
 Rows with all values less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Appendix A

Environmental Resources

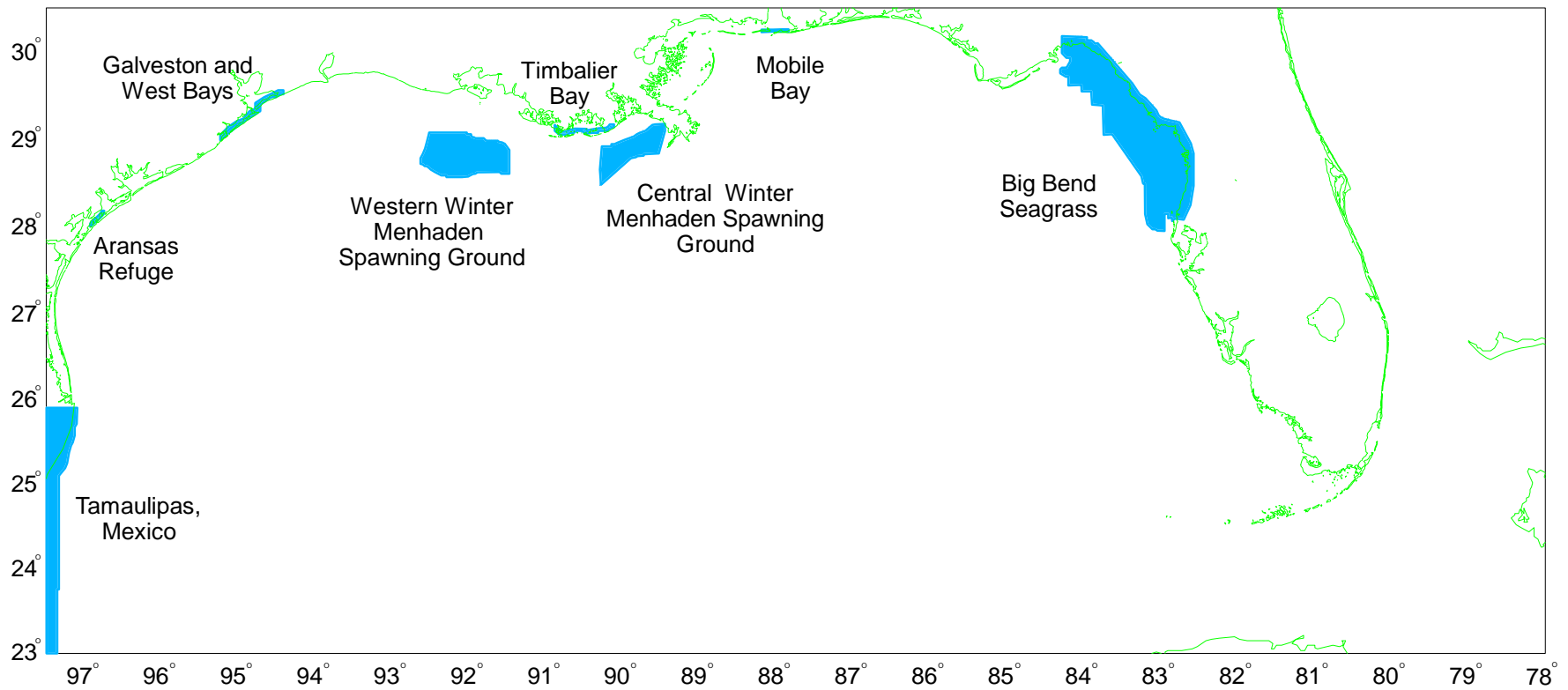


Figure A-1. Locations of Aransas Refuge, Big Bend Seagrass, Central Winter Menhaden Spawning Ground, Galveston and West Bays, Mobile Bay, Tamaulipas, Mexico, Timbalier Bay, and Western Winter Menhaden Spawning Ground. Shading indicates aerial extent.

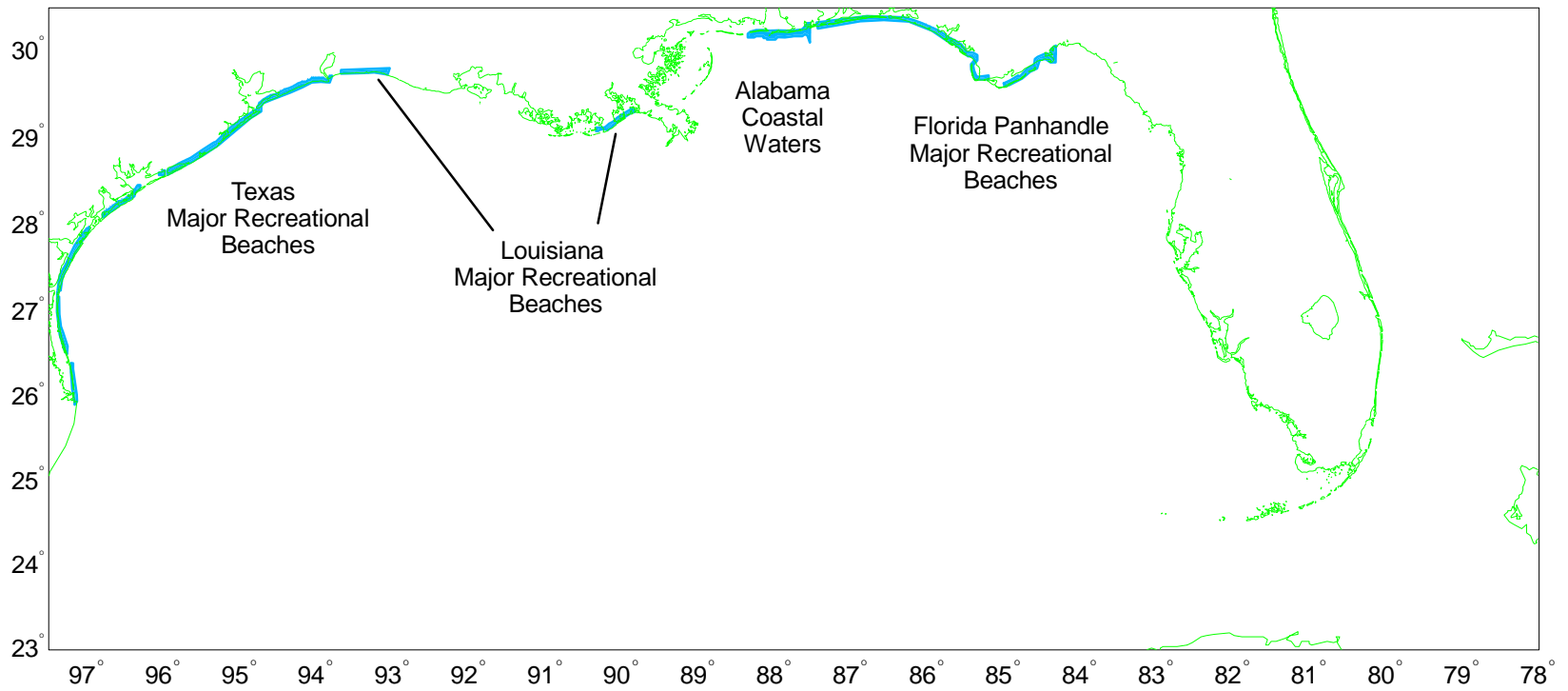


Figure A-2. Locations of Alabama Coastal Waters, Florida Panhandle Major Recreational Beaches, Louisiana Major Recreational Beaches, and Texas Major Recreational Beaches. Shading indicates aerial extent.

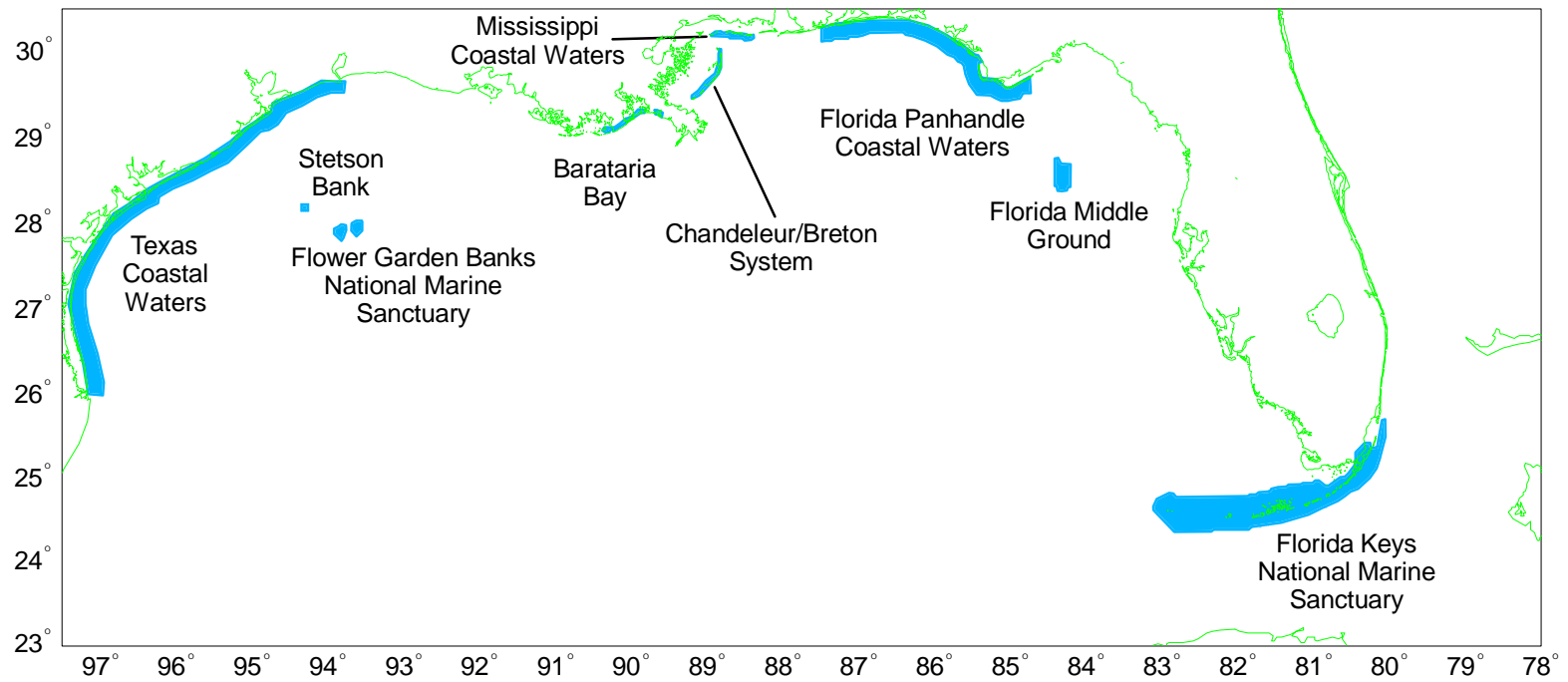


Figure A-3. Locations of Barataria Bay, Chandeleur/Breton System, Florida Keys National Marine Sanctuary, Florida Middle Ground, Florida Panhandle Coastal Waters, Flower Garden Banks National Marine Sanctuary, Mississippi Coastal Waters, Stetson Bank, and Texas Coastal Waters. Shading indicates aerial extent.

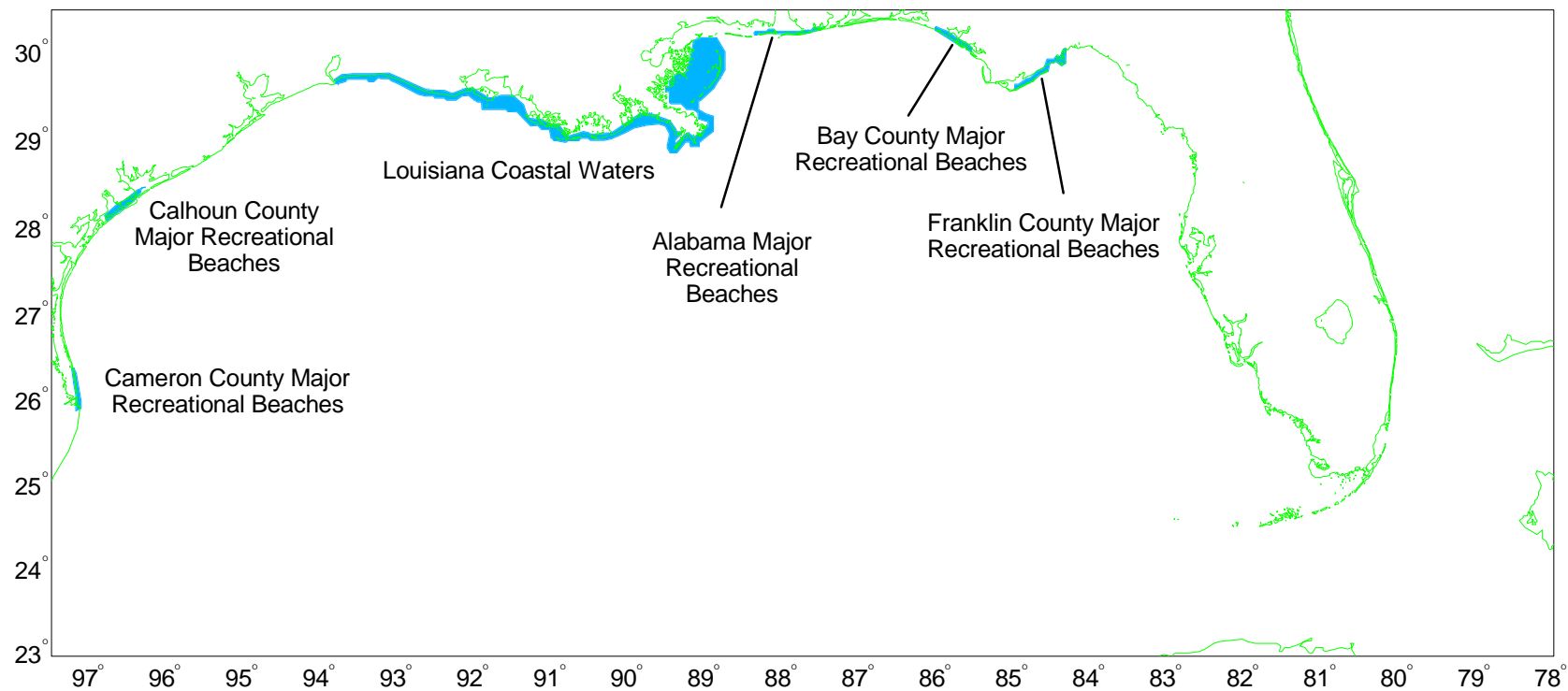


Figure A-4. Locations of Alabama Major Recreational Beaches, Bay County Major Recreational Beaches, Calhoun County Major Recreational Beaches, Cameron County Major Recreational Beaches, Franklin County Major Recreational Beaches, and Louisiana Coastal Waters. Shading indicates aerial extent.

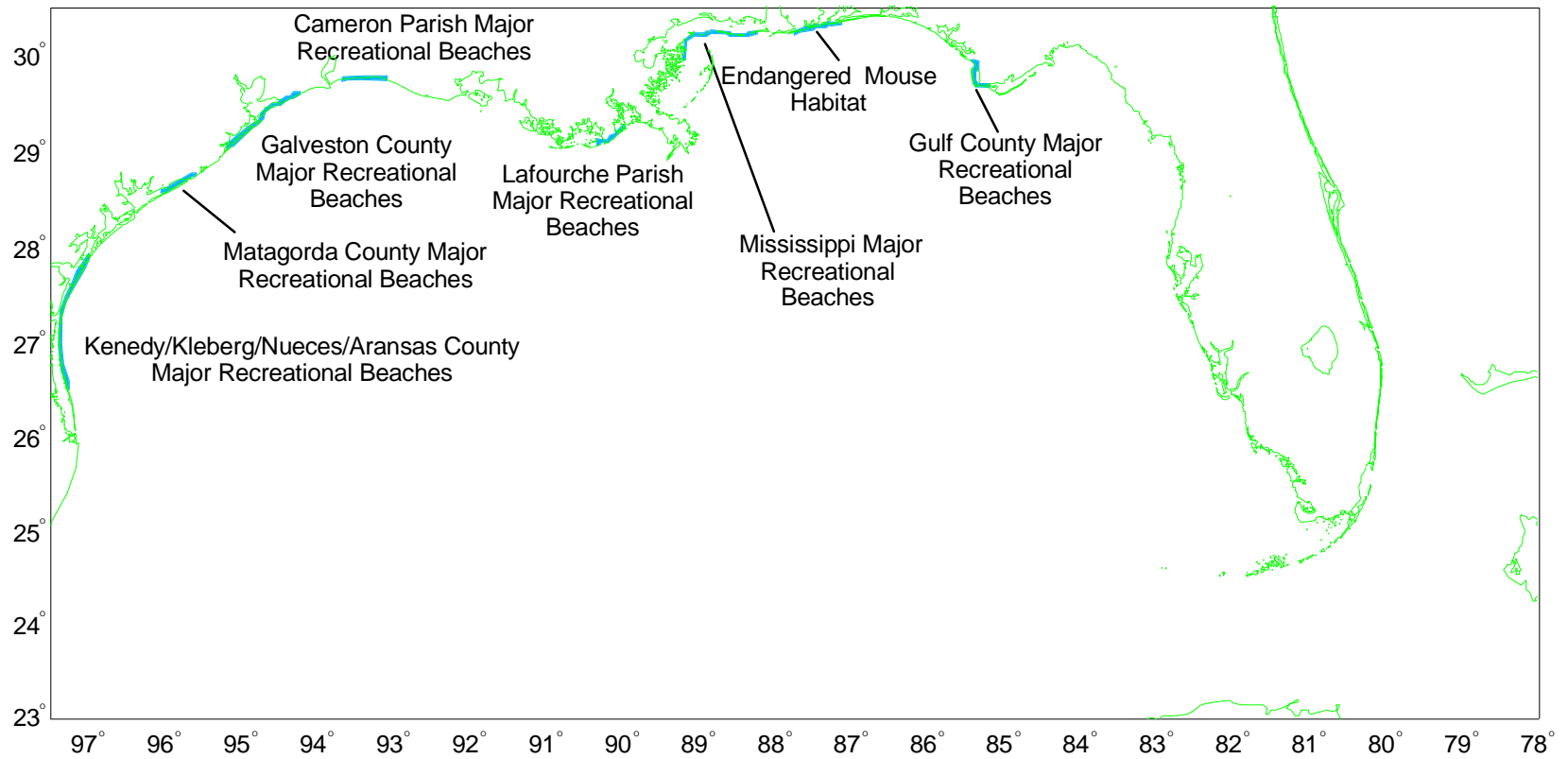


Figure A-5. Locations of Cameron Parish Major Recreational Beaches, Endangered Mouse Habitat, Galveston County Major Recreational Beaches, Gulf County Major Recreational Beaches, Kenedy/Kleberg/Nueces/Aransas County Major Recreational Beaches, Lafourche Parish Major Recreational Beaches, Matagorda County Major Recreational Beaches, and Mississippi Major Recreational Beaches. Shading indicates aerial extent.

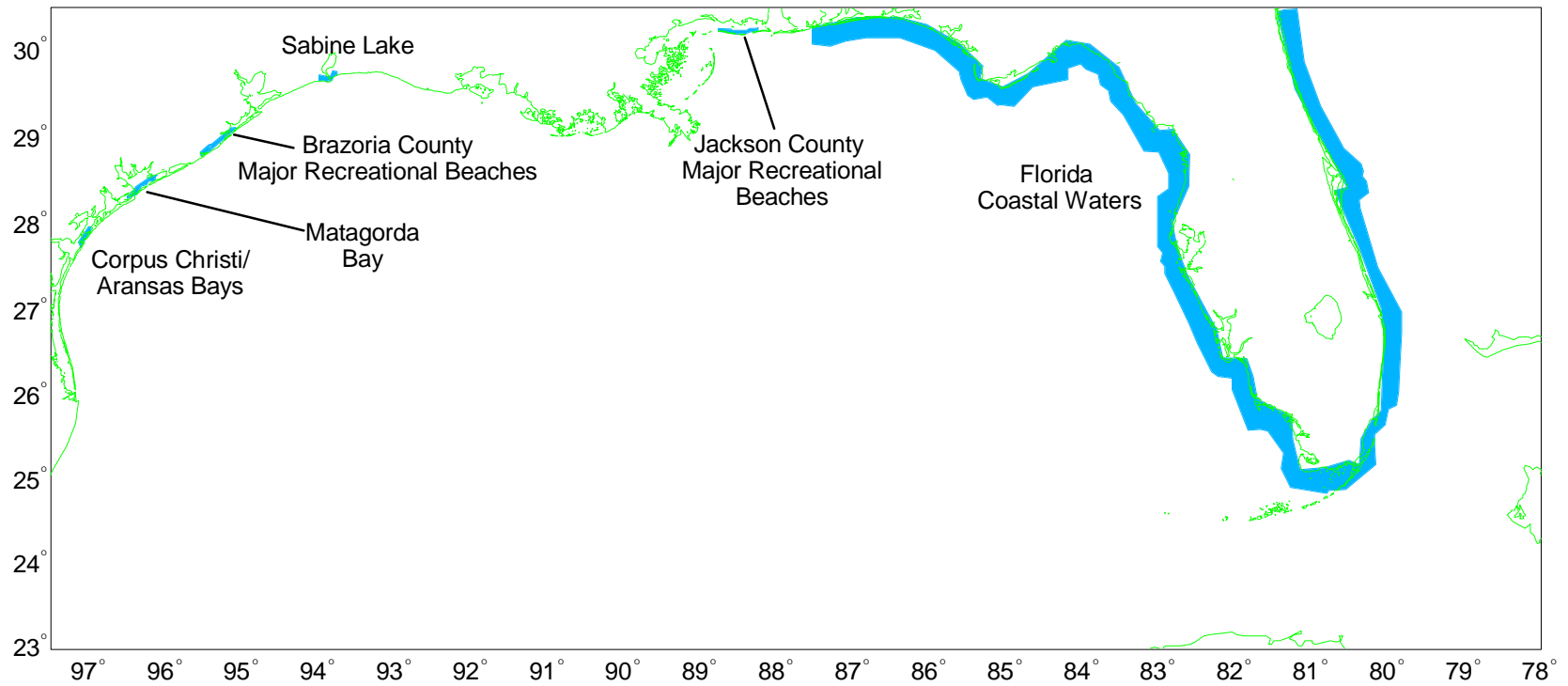


Figure A-6. Locations of Brazoria County Major Recreational Beaches, Corpus Christi/Aransas Bays, Florida Coastal Waters, Jackson County Major Recreational Beaches, Matagorda Bay, and Sabine Lake. Shading indicates aerial extent.

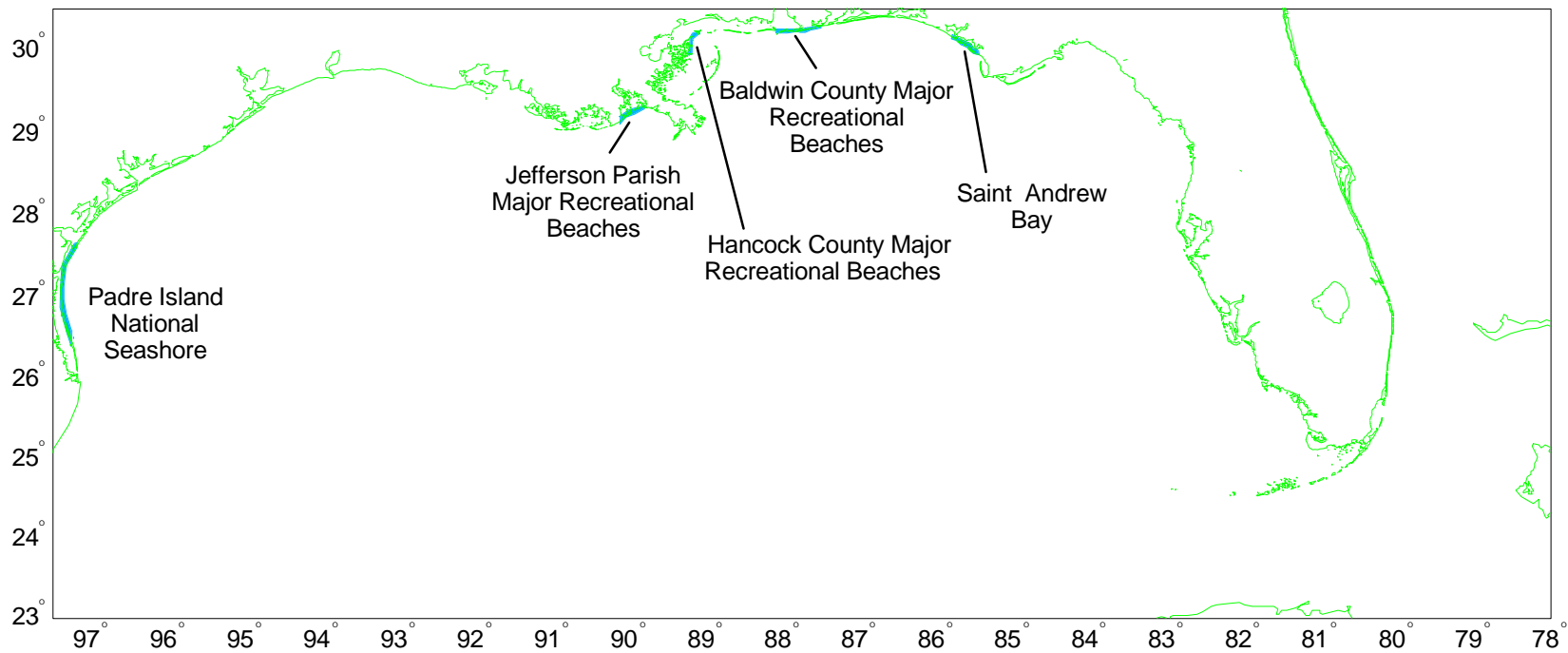


Figure A-7. Locations of Baldwin County Major Recreational Beaches, Hancock County Major Recreational Beaches, Jefferson Parish Major Recreational Beaches, Padre Island National Seashore, and Saint Andrew Bay. Shading indicates aerial extent.

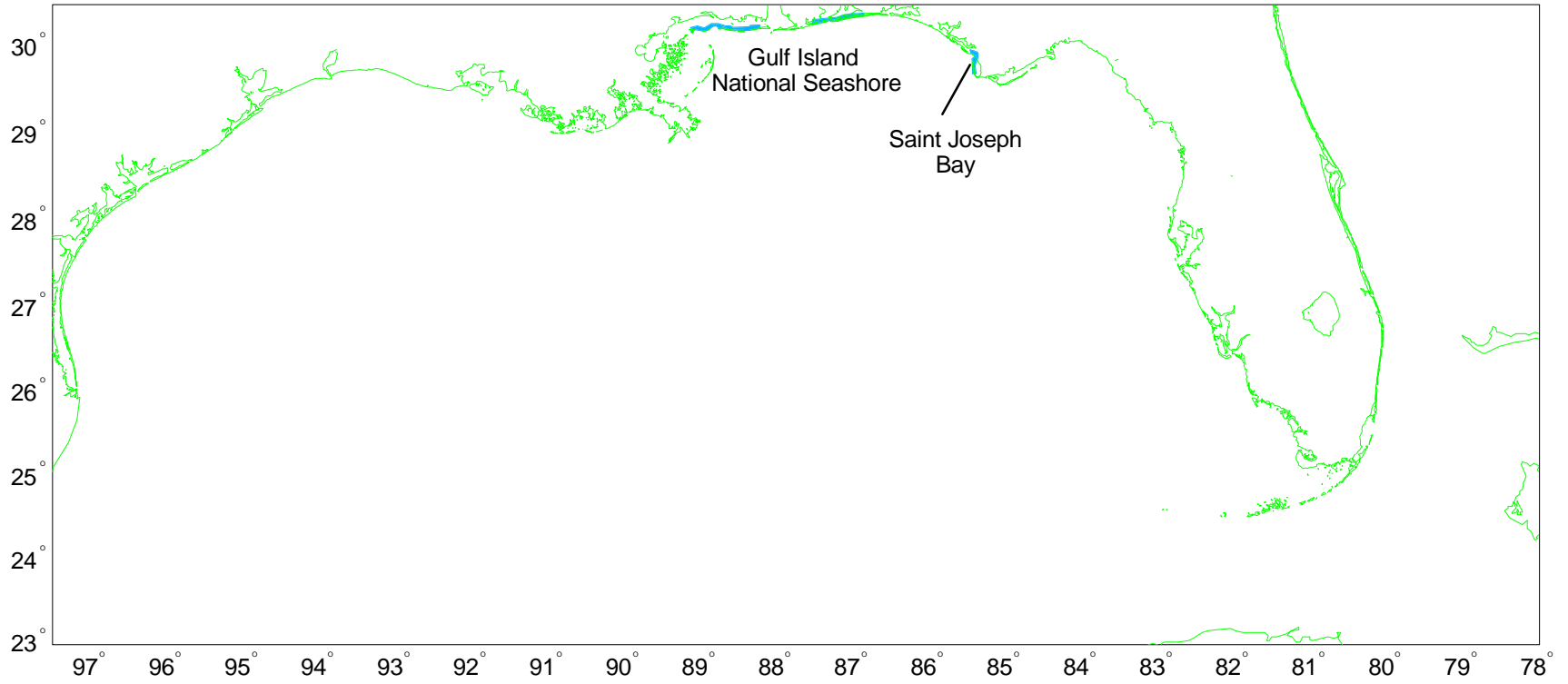


Figure A-8. Locations of Gulf Island National Seashore and Saint Joseph Bay. Shading indicates aerial extent.

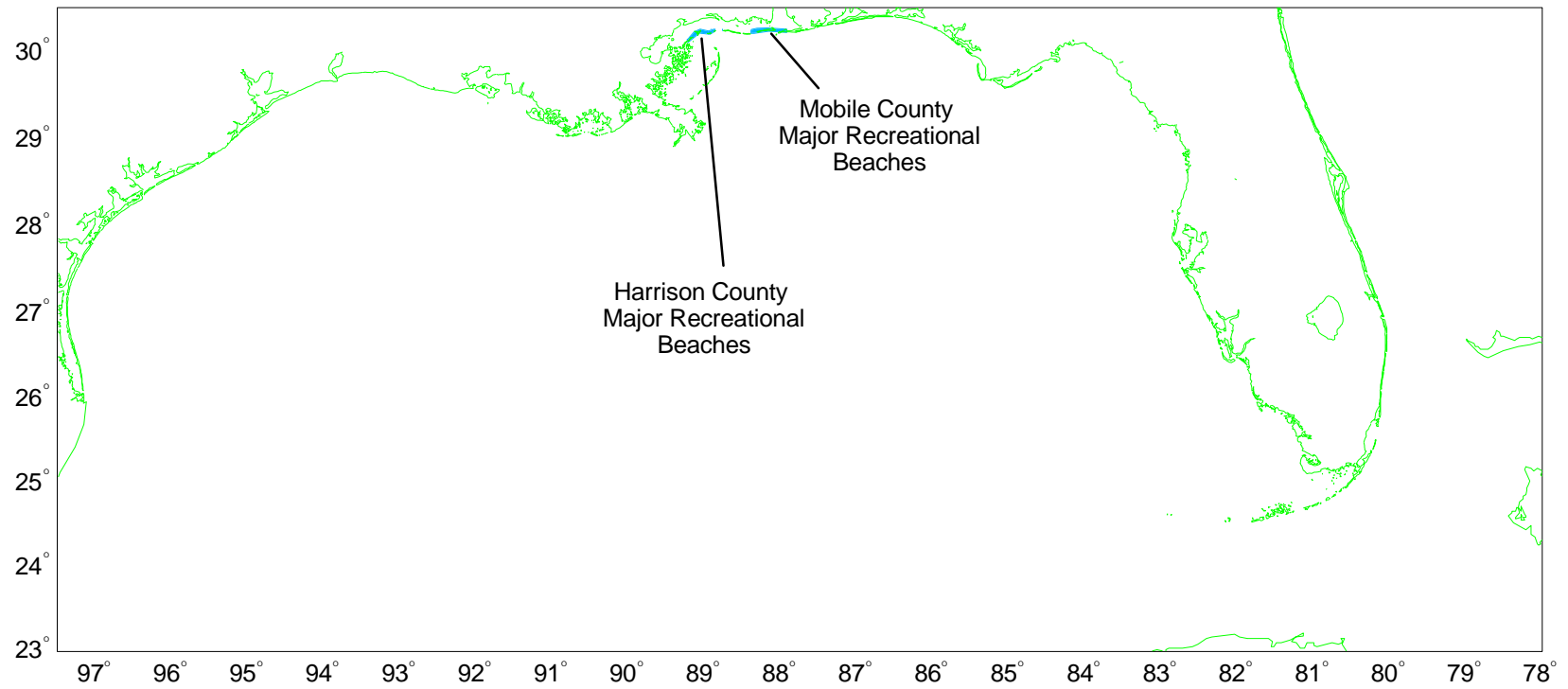


Figure A-9. Locations of Harrison County Major Recreational Beaches and Mobile County Major Recreational Beaches. Shading indicates aerial extent.

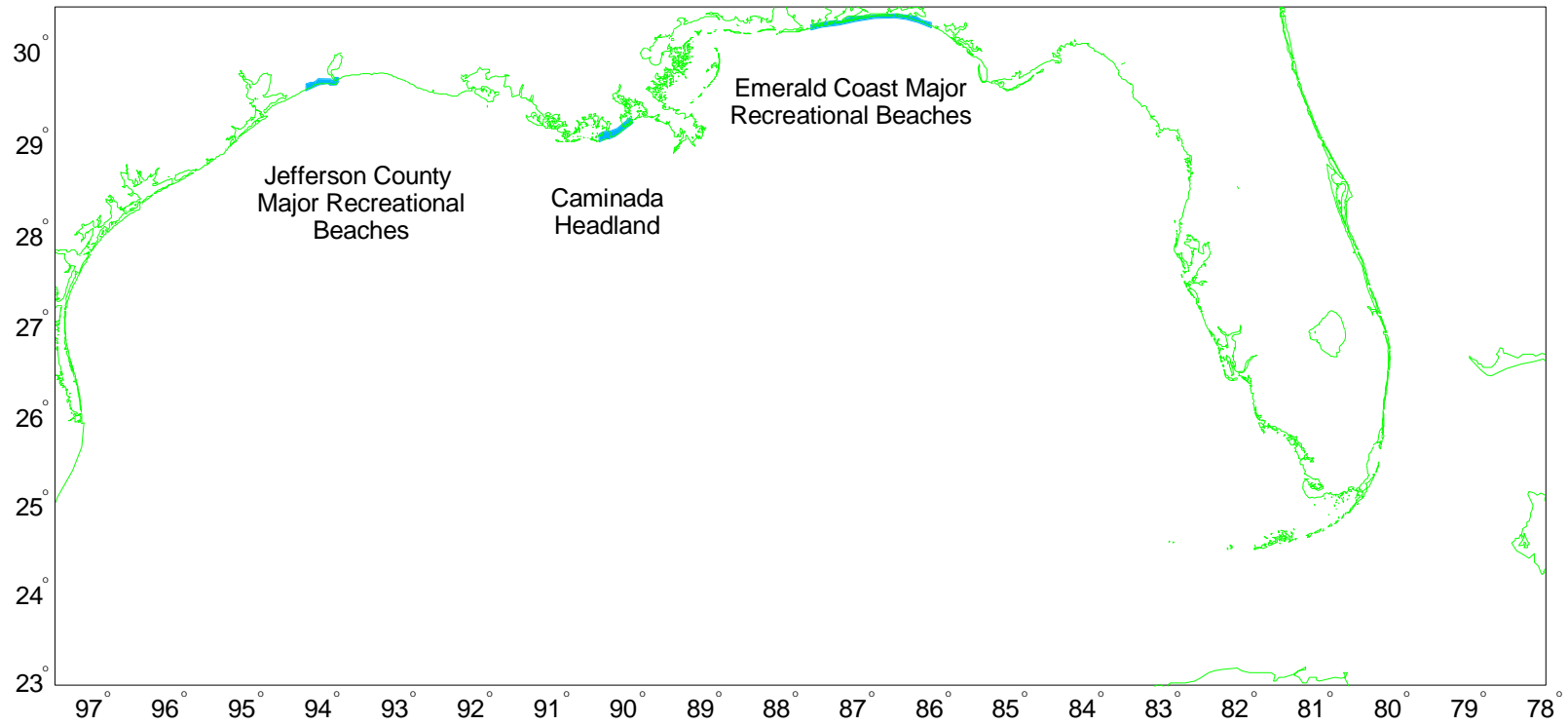


Figure A-10. Locations of Caminada Headland, Emerald Coast Major Recreational Beaches, and Jefferson County Major Recreational Beaches. Shading indicates aerial extent.

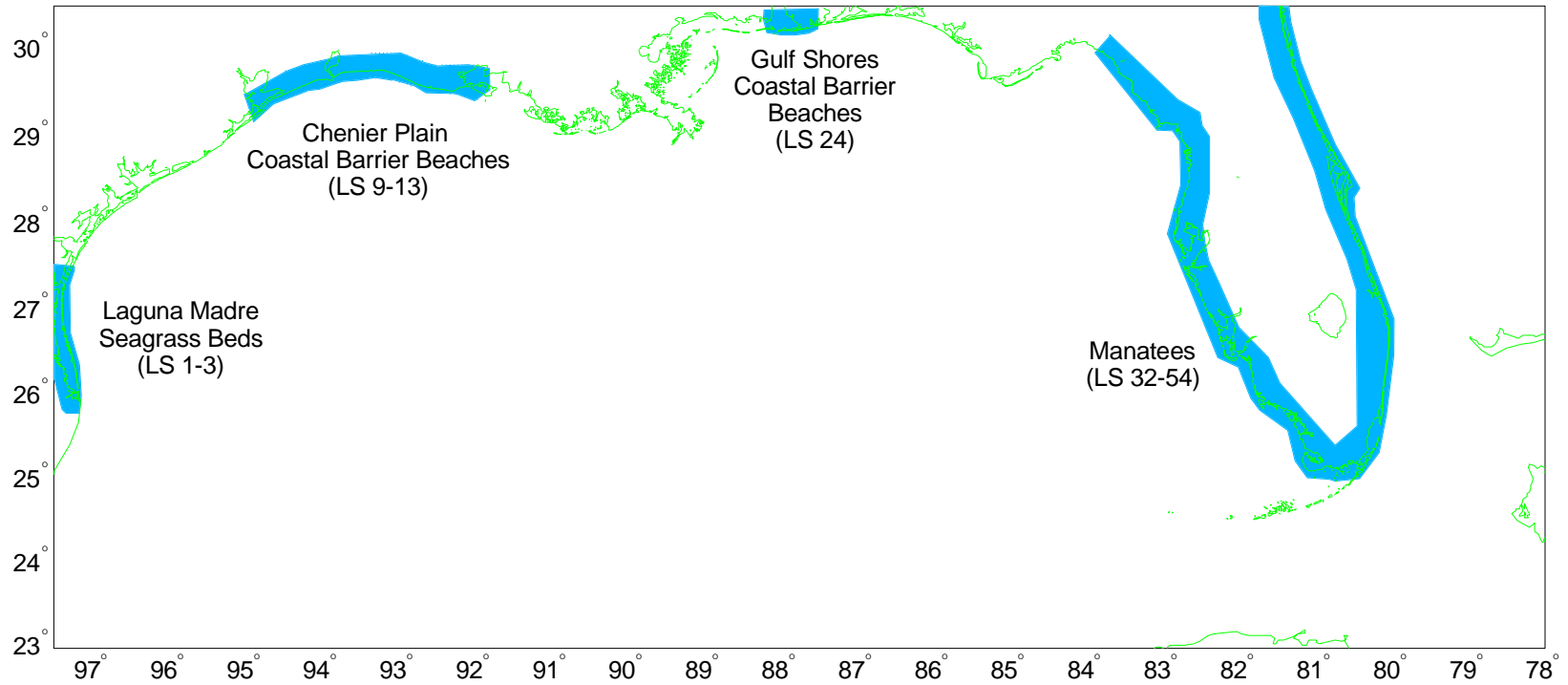


Figure A-11. Locations of Chenier Plain Coastal Barrier Beaches, Gulf Shores Coastal Barrier Beaches, Laguna Madre Seagrass Beds, and Manatees. Shading indicates aerial extent.

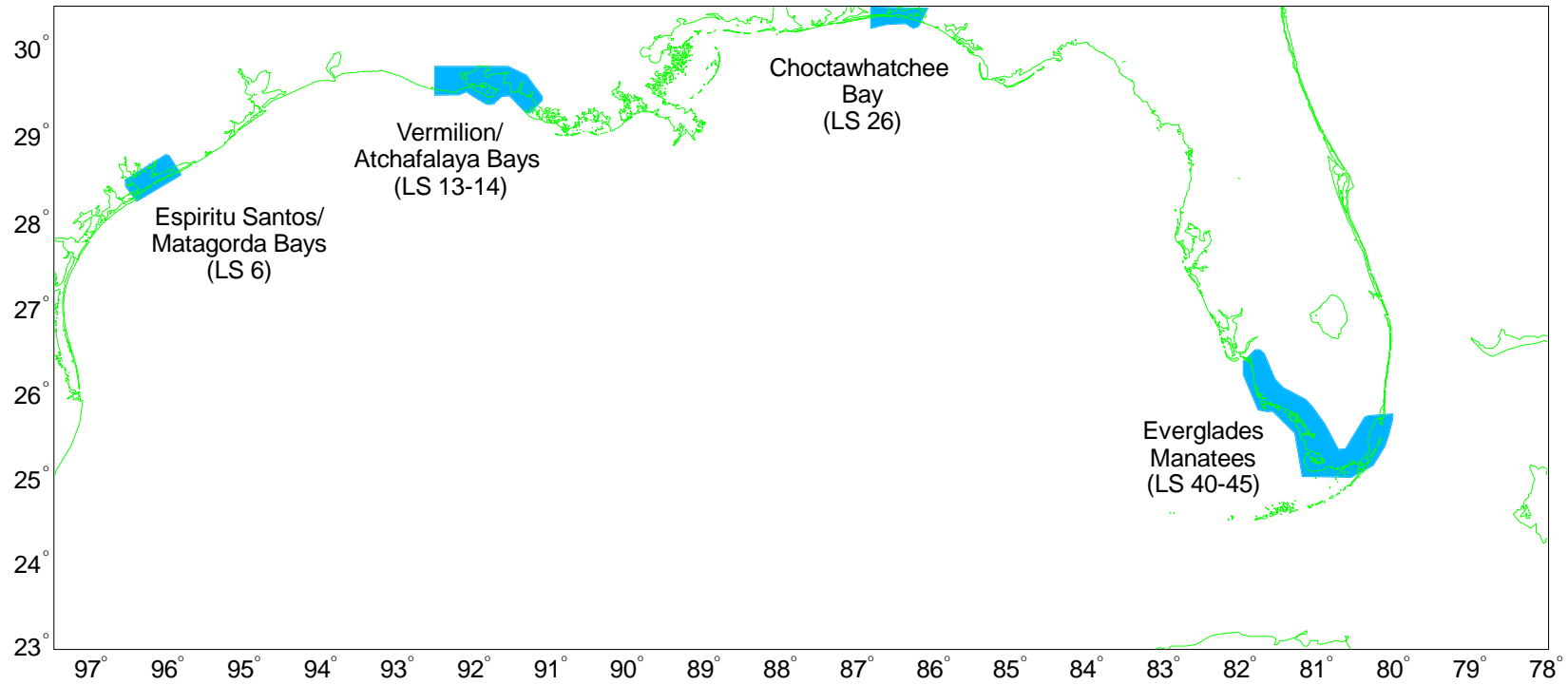


Figure A-12. Locations of Choctawhatchee Bay, Espiritu Santos/Matagorda Bays, Everglades Manatees, and Vermilion/Atchafalaya Bays. Shading indicates aerial extent.

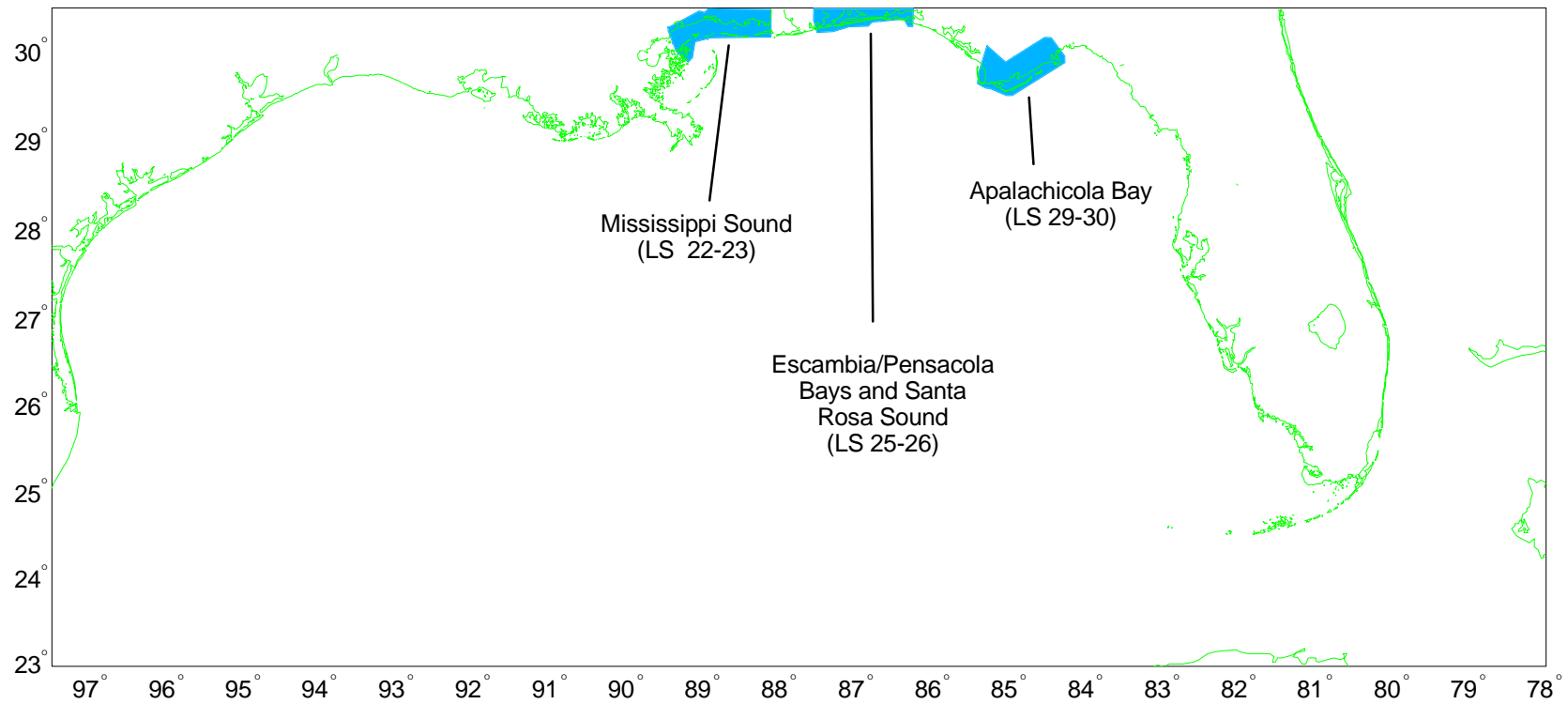


Figure A-13. Locations of Apalachicola Bay, Escambia/Pensacola Bays and Santa Rosa Sound, and Mississippi Sound. Shading indicates aerial extent.

Appendix B

Seasonal Conditional Probabilities of Contact to Environmental Resources (Set 1)

Table B-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	21	1	n	n	n	15	2	2	n	n	15	1	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	7	n	n	n	n
Timbalier Bay	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	8	2	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	37	3	n	n	n	2	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	21	5	4	n	n	n	n	n	n	n
MS Coastal Waters	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	2	n	n	n	n	23	2	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	3	1	n	n	n
Stetson Bank	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	18	1	n	n	n	1	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	3	1	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	12	6	17	10	7	6	7	5	6	6	3	3	2	3	10	8	79	5
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	8	7	5	5	1	1	1	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	2	1	1	1	1	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	2	2	1	1	1	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	8	6	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	1	n	n	9	1	9	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	18	13	29	18	13	11	11	4	10	4	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	n	n	6	1	7	7	7	7	9	28	21	10	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	36	1
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	12	6	17	10	7	6	7	1	5	1	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	4	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	3	8	4	3	2	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	8	7	6	4	2	1	2	1	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	5	1	4	1	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	3	n	4	2	2	1	1	1	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	3	n	4	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	2	2	1	1	1	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	39	1	n	n	63	2	n	n	59	42	23	n	n	n	62	52	16	n	n	n	n	35	16	53	3
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	14	9	n	n	n	n	30	13	8	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	34	n	n	1	n	2	n	1
Texas Coastal Waters	60	4	n	n	79	8	n	n	80	68	40	n	n	n	87	81	29	n	n	n	n	67	29	82	10
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	2	n	n	9	n	n	n
Texas Maj. Beaches	36	1	n	n	61	1	n	n	58	26	17	n	n	n	61	52	16	n	n	n	n	35	16	51	3
Cameron County Bchs.	34	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	2	n	n	n	60	1	n	n	58	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	1	n	n	n	24	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	2	16	n	n	n	28	13	1	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	33	38	11	n	n	n	n	9	2	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	10	n	n	n	n	n	31	16	14	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	38	3
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	55	15	27	30	43	19	n	n	n	n	36	19	35	19	9	1	1	n	n	n	n	1	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	17	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	66	19	42	47	70	33	n	n	n	n	61	42	58	35	21	2	2	n	n	n	n	3	n	n	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	37	9	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	37	9	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	11	n	n	n	21	1	n	n	n	n	10	n	1	n	n	n	n	n	26	13	n	n	n	17	n	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	1	n	n	n	17	n	n	n	n	n	8	n	n	n	n	n	n	n	24	13	n	n	n	17	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cami nada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	n	n	n	9	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	19	n	n	n	33	6	n	n	n	n	15	n	2	n	n	n	n	n	43	20	n	n	n	29	n	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	n	n	n	8	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	n	n	n	8	n	

Note: Hypothetical Spill Locations: L# = subareas
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** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	n	n	33	9	n	n	41	11	7	48	36	34	8	n	n	34	10	48	21	10	36	6	n	9	3	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	30	7	n	n	10	2	n	31	12	13	7	n	n	7	6	n	1	n	n	n	n	n	n	n
Barataria Bay	n	n	6	2	n	n	30	4	n	21	20	21	1	n	n	10	5	n	n	n	n	n	n	n	n	n
Cami nada Headland	n	n	23	7	n	n	26	5	n	32	18	18	5	n	n	10	8	1	1	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	2	n	3	1
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	50	16	2	n	62	26	15	63	56	57	15	1	n	71	20	79	42	23	65	15	2	20	11	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	22	6	n	n	32	5	n	32	20	19	5	n	n	11	8	1	1	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	22	6	n	n	26	4	n	32	17	17	5	n	n	10	8	1	1	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	n	58	23	49	34	36	21	3	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	3	21	3	n	
Timbalier Bay	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	38	13	11	8	1	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n	n
LA Coastal Waters	1	89	44	19	10	2	n	n	
MS Coastal Waters	n	n	n	69	30	8	n	n	
Alabama Cstl. Waters	n	n	n	3	19	44	20	n	
FL Panhandle Waters	n	n	n	n	n	n	28	10	
Stetson Bank	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	61	23	7	1	n	44	12	14	1	n	47	18	2	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	1	1	n	n	1	3	1	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	2	1	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	9	1	n	n	n	3	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	2	n	n	n	n	18	5	n	n	n
Timbalier Bay	n	n	n	n	n	3	3	5	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	2	1	3	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	6	1	2	n	n	3	1	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	1	11	6	2	n	n	1	n	n	n	n	n	n	n	n
Texas Coastal Waters	70	28	10	1	n	13	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	37	14	19	2	n	3	2	1	n	n
MS Coastal Waters	n	n	n	n	n	4	1	n	n	n	5	1	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	4	1	1	n	n	47	15	1	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	10	10	1	n	n
Stetson Bank	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	54	20	6	n	n	9	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	17	10	2	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	7	5	2	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	11	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	8	1	n	n	n	1	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	9	1	n	n	n	4	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	4	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	8	2	4	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	6	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	38	20	41	28	21	20	23	21	22	22	13	13	16	20	37	35	93	17
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	1	n	1	2	2	2	1	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	1	2	3	3	3	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	2	10	14	10	9	8	4	8	4	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	8	8	10	9	8	3	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	2	4	4	6	8	3	n	n
Cami nada Headland	n	n	n	n	n	n	n	n	n	n	4	5	7	8	9	4	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	18	12	4
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	8	2	8	14	2	12	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	41	23	47	35	26	24	27	19	24	18	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	n	1	9	2	11	17	19	25	28	52	44	16	7
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	38	4
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	16
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Stetson Bank	n	1	1	3	2	1	1	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	32	17	37	27	20	19	23	15	20	13	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	7	1	2	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	1	10	15	6	4	3	2	1	2	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	5	14	10	9	7	4	1	2	1	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	1	9	14	10	9	11	6	10	5	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	1	9	8	9	6	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	4	1	7	4	6	7	8	9	4	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	4	1	7	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	3	5	6	7	9	4	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	76	41	23	6	94	53	12	1	95	86	62	12	3	1	88	86	49	1	n	n	4	81	47	88	31
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	1	1	1	1	n	15	18	1	n	n	3	46	30	24	12
Aransas Refuge	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	2	n	n	5	8	12	n	n	1	39	5	2	13	n	4	n	3	
Texas Coastal Waters	83	50	28	9	97	62	16	2	99	92	69	17	6	1	95	95	59	2	n	n	7	93	60	96	41
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	1	n	n	1	4	3	n	n	6	4	n	n	13	n	1	n	1	
Texas Maj. Beaches	68	34	21	6	88	41	10	n	93	61	48	11	3	1	82	78	47	1	n	n	4	78	46	86	30
Cameron County Bchs.	45	11	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	23	19	11	3	85	21	1	n	91	10	2	n	n	n	1	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	4	6	2	3	18	3	n	1	47	10	n	n	n	5	5	2	n	n	n	n	2	1	1	n
Matagorda Rec. Bchs.	n	n	1	n	n	2	5	n	n	5	32	7	1	n	41	27	11	n	n	n	n	13	4	4	1
Brazoria Rec. Bchs.	n	n	n	n	n	n	1	n	n	n	3	4	1	1	35	44	24	n	n	n	1	27	10	9	5
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	6	19	1	n	n	3	48	35	33	16
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	44	11
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	88	45	67	70	76	52	13	3	10	2	69	60	66	61	53	19	22	4	1	n	n	23	4	1	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	1	4	6	4	3	n	1	n	1	1	4	4	7	6	3	n	4	7	3	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	11	7	6	4	3	1	n	n	n	n	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	39	32	30	20	16	12	2	1	2	1	7	7	3	7	6	4	4	1	n	n	n	3	n	n	n
LA Coastal Waters	68	27	56	67	81	54	14	4	11	2	78	68	80	64	56	22	25	7	1	n	n	26	8	1	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	33	23	22	13	10	7	1	n	1	1	4	4	1	4	4	2	2	n	n	n	n	2	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	4	2	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	15	11	11	6	5	2	n	n	n	n	1	1	n	2	1	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	16	11	11	7	5	6	1	n	1	1	3	3	1	3	3	1	1	n	n	n	n	2	n	n	n
Louisiana Rec. Bchs.	40	14	16	14	10	11	5	1	4	n	7	8	2	10	9	4	4	1	n	n	n	4	1	n	n
Cameron Parish Bchs.	40	14	16	14	10	11	5	1	4	n	7	8	2	10	9	4	4	1	n	n	n	4	1	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	40	6	1	n	53	33	16	10	7	4	29	6	20	7	5	16	6	2	52	31	7	3	n	39	11	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	3	5	3	n	1	2	5	5	6	4	3	5	4	3	2	5	5	3	1	4	4	7	5	3	3	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n	n	n	n	n	n	n	n	1
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	1	1	n	n	17	n	n	n	n	n	8	1	1	2	2	n	1	1	26	13	1	n	n	22	5	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	4	4	1	n	n	9	1	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	3	n	n	n	2	4	1	1	1	2	1	n	1	n	n	1	n	n	1	1	1	n	n	n	n	n
LA Coastal Waters	46	9	2	n	60	38	20	13	8	4	40	8	27	11	7	20	9	5	65	41	10	5	1	50	14	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	1	n	n	n	1	1	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	1	n	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	4	n	n	n	2	5	2	2	2	1	2	n	1	n	1	1	n	n	4	4	1	1	n	8	1	
Cameron Parish Bchs.	4	n	n	n	2	5	2	2	2	1	2	n	1	n	1	n	1	n	2	1	n	1	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	2	3	1	n	n	8	1	

Note: Hypothetical Spill Locations: L# = subareas
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#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	2	n	56	35	24	6	72	50	40	66	66	65	32	14	1	67	42	72	57	46	65	35	15	39	29	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	1	1	1	2	1	n	n	1	1	n	n	1	2	1	n	n	1	n	1	1	n	n	n	n	n	
C. Winter Menhaden	2	n	n	1	4	2	1	1	4	n	1	1	1	4	2	1	2	1	2	3	n	n	n	n	1	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	
Timbalier Bay	1	n	38	23	13	2	24	23	13	35	25	26	21	10	1	21	23	10	16	11	1	1	n	1	1	
Barataria Bay	n	n	7	6	7	2	43	16	12	23	33	33	4	2	n	23	14	8	12	9	1	n	n	1	1	
Camina da Headland	n	n	24	12	10	2	39	19	13	35	29	28	10	3	1	20	19	10	15	13	1	n	n	1	2	
Chandeleur/Breton	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	1	1	2	23	20	6	22	12	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	6	n	70	46	33	8	81	63	52	77	77	76	41	18	1	85	53	91	72	58	82	47	18	53	41	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	3	4	2
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	5	2	1
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	25	12	11	2	47	21	15	37	32	32	9	3	1	24	22	10	16	14	1	n	n	1	2	
Cameron Parish Bchs.	n	n	1	n	n	n	n	n	n	2	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	23	12	10	2	39	19	13	34	27	27	9	3	1	20	19	9	15	13	1	n	n	1	2	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	4	88	53	81	71	66	50	25
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n
C. Winter Menhaden	1	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	1	2	5	28	11	n
Timbalier Bay	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n
Chandeleur/Breton	2	43	27	28	25	12	1	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	7	90	63	33	31	15	2	n
MS Coastal Waters	n	4	5	76	42	19	2	n
Alabama Cstl. Waters	n	n	3	6	25	55	37	5
FL Panhandle Waters	n	n	n	n	1	2	38	33
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	90	64	42	19	7	81	53	51	20	8	74	54	27	16	8
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	1	4	7	5	1	2	7	7	6	2	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	1	4	5	1	n	2	5	7	3
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	14	8	5	3	n	11	5	1	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	2	1	1	n	n	22	10	3	1	1
Timbalier Bay	n	n	n	n	n	3	5	9	4	n	n	1	2	3	1
Barataria Bay	n	n	n	n	n	2	2	5	2	n	n	1	3	2	1
Camada Headland	n	n	n	n	n	2	3	6	2	n	n	1	2	3	1
Chandeleur/Breton	n	n	n	n	n	7	3	4	1	n	9	7	4	2	1
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	7	10	n	n	2	7	7
Flower Gardens NMS	2	15	12	12	4	1	1	n	n	n	n	n	n	n	n
Texas Coastal Waters	91	62	38	19	7	34	17	6	1	n	n	n	n	n	n
LA Coastal Waters	1	6	8	3	n	46	38	48	17	3	12	17	17	13	4
MS Coastal Waters	n	n	n	n	n	6	2	2	n	n	9	5	4	1	1
Alabama Cstl. Waters	n	n	n	n	n	6	3	3	n	n	56	30	8	2	1
FL Panhandle Waters	n	n	n	n	n	1	1	1	n	n	19	21	6	1	2
Stetson Bank	2	3	2	2	1	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	78	51	31	15	5	31	15	5	1	n	n	n	n	n	n
Cameron County Bchs.	2	1	1	n	1	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	21	16	7	2	1	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	10	9	5	1	1	1	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	18	8	7	4	1	4	1	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	13	6	4	3	1	5	2	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	16	9	6	3	n	14	7	2	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	3	3	2	1	n	9	6	3	1	n	n	n	n	n	n
Louisiana Rec. Bchs.	1	3	3	1	n	12	11	12	4	1	n	2	3	3	1
Cameron Parish Bchs.	1	3	3	1	n	10	8	5	1	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	2	6	2	n	n	1	2	3	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	69	43	71	60	49	53	55	55	55	57	45	48	53	50	66	66	98	52
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	1	2	2	4	4	9	6	7	9	9	11	9	4	2	1	2	n	1
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	2	4	6	7	6	5	n	4
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	2	8	16	21	19	17	16	12	16	13	3	1	1	1	1	1	n	n
Aransas Refuge	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	11
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	12	14	18	17	13	7	n	4
Barataria Bay	n	n	n	n	n	n	n	n	n	n	3	6	9	9	12	5	n	2
Camada Headland	n	n	n	n	n	n	n	n	n	n	5	9	12	11	14	7	n	3
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	1	1	4	21	13	10
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	1	4	1	2	n	2
Flower Gardens NMS	5	17	8	15	19	4	18	4	1	1	n	n	n	n	n	n	n	n
Texas Coastal Waters	72	43	72	59	44	45	51	43	48	41	7	8	6	4	4	1	n	n
LA Coastal Waters	n	3	1	4	7	10	7	18	12	22	43	48	52	50	68	59	17	24
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	11	39	12
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	3	22
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4
Stetson Bank	2	4	3	4	3	1	2	n	1	1	n	n	n	n	n	n	n	n
Texas Maj. Beaches	58	36	61	54	41	42	47	38	43	38	6	5	4	2	3	1	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	29	1	2	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	12	2	5	4	2	2	1	1	1	1	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	10	16	24	15	8	8	6	3	5	3	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	5	9	20	17	14	13	10	7	8	7	1	n	n	n	n	n	n	n
Galveston Rec. Bchs.	2	9	15	22	19	18	21	17	21	17	3	2	2	1	1	1	n	n
Jefferson Rec. Bchs.	n	2	n	2	3	4	12	12	13	12	3	3	2	1	1	n	n	n
Louisiana Rec. Bchs.	n	1	n	2	3	5	3	8	5	10	10	15	15	14	16	8	n	3
Cameron Parish Bchs.	n	1	n	2	3	5	3	8	5	10	5	5	3	2	1	1	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	5	9	11	11	14	7	n	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	94	89	77	59	99	89	59	34	99	98	85	58	41	27	97	97	84	41	18	8	49	96	84	99	80
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	1	n	n	2	4	n	n	n	2	4	5	n	n	2	8	11	6	4	n	2	n	2
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	3	2	n	2	6	7	n	n	5	13	11	9	1	17	30	13	4	1	18	49	43	26	28
Aransas Refuge	1	1	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	1	4	6	n	1	9	21	n	n	3	12	21	27	n	n	2	42	11	14	21	n	5	n	5
Texas Coastal Waters	94	89	80	62	99	90	62	36	**	98	87	61	41	26	98	98	85	34	12	6	50	97	85	**	78
LA Coastal Waters	n	n	n	n	n	n	1	3	n	n	n	2	5	4	n	n	2	12	9	3	4	n	2	3	4
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	2	n	1	3	4	n	n	1	3	7	7	n	n	7	6	n	1	14	n	2	n	1
Texas Maj. Beaches	84	75	68	51	92	71	50	30	96	71	67	51	35	22	88	87	76	30	10	4	44	88	77	95	73
Cameron County Bchs.	46	12	4	2	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	34	39	29	14	88	31	6	2	94	14	3	1	1	1	3	3	1	n	n	n	n	1	1	1	1
Calhoun Rec. Bchs.	3	15	18	12	4	24	8	2	2	49	13	4	n	1	7	7	4	n	n	n	1	3	3	3	2
Matagorda Rec. Bchs.	1	6	10	14	n	10	22	11	n	7	40	19	9	4	43	30	19	3	1	1	9	16	11	7	10
Brazoria Rec. Bchs.	n	2	4	6	n	4	8	8	n	n	7	15	13	6	36	46	31	7	2	1	15	30	18	11	16
Galveston Rec. Bchs.	n	n	2	2	n	2	6	7	n	n	5	13	12	10	n	7	32	14	6	1	18	51	48	35	34
Jefferson Rec. Bchs.	n	n	n	n	n	n	1	1	n	n	n	1	2	2	n	n	1	8	3	1	5	n	6	44	17
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	1	n	n	n	1	3	2	n	n	1	5	4	3	2	n	1	1	2
Cameron Parish Bchs.	n	n	n	n	n	n	n	1	n	n	n	1	3	2	n	n	1	5	4	3	2	n	1	1	2
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	84	93	95	96	86	62	46	60	41	92	91	93	93	87	69	69	49	37	30	15	70	48	30	16
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	1	1	1	n	1	7	11	7	9	n	1	1	1	2	5	6	11	13	16	15	6	11	15	14
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	15	20	15	14	11	10	12	7	11	9	7	10	5	10	10	13	13	8	6	6	2	12	8	3	1
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	1	n	1	n	n	1	n	n	n	n	1	n	n	n	n	1	1	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	2	1	n	1	1	2	n	2	2	1	n	1	1	1	1	n	n	n	1	3	n	n	n	
Texas Coastal Waters	44	60	49	38	30	38	38	26	39	25	27	32	22	32	33	42	35	25	19	12	6	33	18	11	4
LA Coastal Waters	68	30	57	68	82	58	32	25	27	21	80	71	83	68	62	37	43	32	25	20	10	46	36	27	14
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	1	n	n	n	n	1	n	1	n	1	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	42	58	45	35	28	36	33	23	35	22	23	28	19	30	28	37	31	21	16	12	5	29	16	8	3
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	1	1	1	1	1	1	1	n	n	n	1	1	1	1	1	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	3	9	5	5	3	6	2	1	3	1	3	5	3	4	4	2	1	1	n	n	n	1	n	n	n
Brazoria Rec. Bchs.	7	9	6	6	6	5	5	3	4	3	4	3	4	6	5	5	4	2	1	n	n	3	1	n	n
Galveston Rec. Bchs.	19	26	21	16	13	12	17	10	16	11	9	12	6	13	11	18	17	11	8	7	2	16	9	4	1
Jefferson Rec. Bchs.	16	17	14	10	7	14	11	11	13	9	8	9	6	8	9	15	11	8	7	5	2	10	6	4	2
Louisiana Rec. Bchs.	40	16	17	15	11	14	14	9	12	8	9	11	6	13	13	12	13	10	9	8	3	13	12	8	5
Cameron Parish Bchs.	40	16	17	15	11	14	14	9	12	8	9	11	6	13	13	12	13	10	9	8	3	13	11	8	5
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	78	47	37	22	84	77	63	57	55	52	73	50	69	52	46	61	49	41	83	73	52	44	37	77	56	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	4	9	13	14	2	3	7	8	9	8	4	9	5	8	8	6	8	11	1	4	8	12	14	3	7	
C. Winter Menhaden	n	1	3	3	n	n	n	n	n	n	n	n	2	1	4	6	1	2	3	n	1	2	1	n	1	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	7	4	2	1	6	12	12	8	9	11	7	3	7	3	1	9	4	2	6	6	4	5	7	4	3	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	1	2	3	2	17	n	n	n	n	n	9	4	2	7	10	1	3	5	26	14	3	2	n	24	9	
Barataria Bay	n	n	1	n	n	n	n	n	n	n	n	1	n	2	3	n	n	2	n	n	1	1	n	1	1	
Camina da Headland	n	1	1	1	n	n	n	n	n	n	n	1	n	3	3	n	1	2	4	4	2	n	n	9	2	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	1	n	n	n	1	1	1	1	1	3	n	n	1	n	n	1	n	n	1	1	n	n	n	1	n	
Texas Coastal Waters	26	13	8	5	24	34	29	25	31	34	22	13	23	11	8	25	14	9	20	19	14	15	21	16	11	
LA Coastal Waters	60	41	34	22	69	53	43	38	31	23	62	42	54	48	44	46	42	39	74	63	45	35	23	70	50	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	23	11	7	4	21	29	26	23	28	31	20	11	20	10	5	21	12	7	17	16	12	14	19	13	10	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	3	n	n	n	3	3	1	1	2	2	1	1	1	n	n	1	n	n	2	2	n	n	1	1	1	
Brazoria Rec. Bchs.	3	1	n	n	4	5	3	2	2	5	4	1	4	1	n	2	1	n	3	3	1	1	1	2	1	
Galveston Rec. Bchs.	9	5	3	3	7	15	13	12	15	15	8	5	9	4	2	11	5	3	6	7	6	6	9	5	4	
Jefferson Rec. Bchs.	9	5	5	1	8	9	10	8	10	11	7	5	8	5	3	8	6	4	7	6	6	6	9	6	5	
Louisiana Rec. Bchs.	10	11	8	5	7	13	13	12	11	10	13	11	14	13	11	13	11	11	10	15	13	11	8	19	12	
Cameron Parish Bchs.	10	11	7	5	7	13	13	12	11	10	13	9	14	11	7	13	10	9	8	11	10	10	8	11	10	
LaFourche Rec. Bchs.	n	1	1	1	n	n	n	n	n	n	n	1	n	3	3	n	1	2	2	4	2	n	n	8	2	

Note: Hypothetical Spill Locations: L# = subareas
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#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	42	26	83	71	61	34	90	78	70	88	86	86	72	56	33	85	75	87	81	75	90	76	57	78	67	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	9	13	1	3	5	3	n	2	1	n	1	1	4	6	9	1	2	n	1	1	n	n	n	n	n	
C. Winter Menhaden	6	6	n	2	6	11	1	2	5	n	1	1	2	6	9	2	3	1	3	5	1	2	3	1	3	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	1	2	3	2	2	n	2	2	2	3	3	2	2	2	1	1	2	n	1	1	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	3	5	5	4	
Timbalier Bay	8	4	39	26	20	9	25	26	18	35	26	27	25	17	11	23	27	12	21	15	2	2	3	2	6	
Barataria Bay	2	1	8	7	10	9	43	17	16	23	34	33	5	4	3	23	15	10	14	13	2	1	2	2	4	
Camina da Headland	4	2	24	14	14	9	39	21	16	35	29	28	11	6	6	21	21	11	18	17	2	1	3	1	5	
Chandeleur/Breton	n	n	n	n	n	2	n	1	2	n	n	n	n	n	1	n	1	1	2	4	27	30	16	32	20	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	7	n	n	n	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	5	6	11	10	6	1	6	6	5	13	9	8	13	9	4	7	9	3	6	3	n	n	n	n	1	
LA Coastal Waters	41	25	81	71	62	32	89	81	71	85	87	86	68	54	32	91	76	95	85	76	87	65	41	68	63	
MS Coastal Waters	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	1	2	10	13	12	14	9	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	1	2	6	11	15	10	7
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	5	3	2	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	5	5	8	7	5	1	5	4	4	11	6	5	9	8	3	5	7	2	4	2	n	n	n	n	1	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	1	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	2	1	1	n	1	1	1	1	1	2	1	1	n	1	n	1	n	1	n	n	n	n	n	
Galveston Rec. Bchs.	2	3	3	3	2	n	3	2	2	4	4	3	4	3	1	2	4	1	1	1	n	n	n	n	n	
Jefferson Rec. Bchs.	3	2	3	3	3	n	1	1	1	5	1	1	5	4	2	2	2	1	2	1	n	n	n	n	n	
Louisiana Rec. Bchs.	11	6	31	21	19	12	50	28	21	40	36	37	19	10	9	28	30	13	22	20	3	1	3	2	6	
Cameron Parish Bchs.	7	4	8	7	4	2	3	5	2	5	4	4	8	4	3	3	6	2	3	2	n	n	n	n	n	
LaFourche Rec. Bchs.	3	2	24	13	14	9	39	20	16	34	28	28	11	6	6	21	21	11	17	16	2	1	2	1	5	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	33	98	85	97	93	87	73	53
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	2	n	n	n	n	n	n	n
C. Winter Menhaden	9	n	1	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	5	3	7	32	15	4
Timbalier Bay	7	n	1	n	n	n	n	n
Barataria Bay	5	n	1	n	n	n	n	n
Caminda Headland	4	n	1	n	n	n	n	n
Chandeleur/Breton	5	43	35	30	29	17	4	1
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	5	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	31	90	74	36	37	21	6	4
MS Coastal Waters	2	8	14	77	45	22	4	1
Alabama Cstl. Waters	1	2	10	8	29	60	44	13
FL Panhandle Waters	n	n	2	1	2	5	48	48
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	6	n	1	n	n	n	n	n
Cameron Parish Bchs.	1	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	4	n	1	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	23	1	n	n	n	16	2	1	n	n	16	1	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	18	5	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	7	10	10	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	8	n	n	n	n
Timbalier Bay	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	8	3	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	38	3	n	n	n	1	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	22	3	3	n	n	n	n	n	n	n
MS Coastal Waters	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	2	n	n	n	n	25	1	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	6	1	n	n	n
Stetson Bank	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	19	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	4	1	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	14	10	22	9	7	5	7	7	5	7	3	3	3	3	9	4	80	5
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	2	8	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	23	22	23	20	29	3	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	5	15	8	6	5	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	1	1	1	1	n	n	n	n
Cami nada Headland	n	n	n	n	n	n	n	n	n	n	2	1	1	1	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	2	n	3	13	n	8	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	20	15	31	15	11	8	12	1	8	1	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	n	1	8	2	8	6	6	10	9	25	9	7	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	39	1
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	1	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	9	10	22	9	7	5	7	1	4	1	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	9	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	4	19	9	7	5	1	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	6	1	4	1	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	6	1	6	1	1	1	1	1	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	6	1	6	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	1	1	1	1	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 3--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	19	n	n	n	61	2	n	n	57	66	35	n	n	n	77	63	18	n	n	n	n	42	16	54	1
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	14	50	14	n	n	n	n	34	3	1	n
Aransas Refuge	n	n	n	n	14	1	n	n	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	32	n	n	4	n	n	n	n
Texas Coastal Waters	45	n	n	n	81	10	n	n	80	83	55	n	n	n	94	86	27	n	n	n	n	61	22	66	4
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	19	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n	n	18	n	n	n	n
Texas Maj. Beaches	16	n	n	n	47	2	n	n	50	18	35	n	n	n	77	63	18	n	n	n	n	42	16	41	1
Cameron County Bchs.	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	3	n	n	n	41	n	n	n	49	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	6	1	n	n	1	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	4	28	n	n	n	1	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	7	n	n	n	73	30	1	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	53	17	n	n	n	n	40	12	3	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	5	38	1
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 3--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	68	17	37	43	56	21	n	n	n	n	40	22	51	19	10	n	n	n	n	n	n	n	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	2	8	2	1	50	80	26	70	7	14	28	4	11	44	89	79	20	2	n	n	65	14	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	77	22	50	60	77	37	n	n	n	n	65	40	72	36	23	1	2	n	n	n	n	3	n	n	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	45	8	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	45	8	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	14	n	n	n	38	2	n	n	n	n	16	n	3	n	n	n	n	n	44	18	n	n	n	26	n	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	17	1	n	n	6	36	44	38	46	32	3	n	7	n	n	25	1	n	1	1	n	4	3	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	n	n	n	3	10	n	n	n	75	27	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	1	n	n	n	30	n	n	n	n	n	15	n	1	n	n	n	n	n	43	17	n	n	n	25	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	n	
Cami nada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	8	n	n	n	13	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	24	n	n	n	54	7	n	n	n	n	26	n	7	n	n	n	n	n	61	28	n	n	n	36	n	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	7	n	n	n	12	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	7	n	n	n	12	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 3--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	n	n	37	9	1	n	37	11	2	55	41	39	8	n	n	42	9	54	14	4	19	1	n	1	1	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	1	n	74	76	26	n	75	75	31	13	86	87	79	25	n	98	72	15	45	28	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	n	32	9	n	n	2	2	n	39	3	7	8	n	n	2	4	n	n	n	n	n	n	n	n	
Barataria Bay	n	n	10	1	n	n	30	6	n	23	28	27	n	n	n	11	5	n	1	n	n	n	n	n	n	
Camada Headland	n	n	33	7	n	n	15	5	n	42	10	12	4	n	n	4	7	n	n	n	n	n	n	n	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	n	n	1	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	n	n	54	16	2	n	61	26	10	72	59	56	16	1	n	74	21	77	38	14	48	2	n	4	4	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	32	7	n	n	23	6	n	42	12	15	4	n	n	5	7	n	n	n	n	n	n	n	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	31	7	n	n	15	5	n	41	10	12	4	n	n	4	6	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	n	35	12	52	36	37	21	3
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	2	19	5	n
Timbalier Bay	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	30	8	11	6	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	n	75	35	16	9	1	n	n
MS Coastal Waters	n	n	n	71	37	9	n	n
Alabama Cstl. Waters	n	n	n	4	14	43	25	n
FL Panhandle Waters	n	n	n	n	n	n	30	9
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	65	29	9	n	n	51	18	19	2	n	56	20	2	1	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	7	11	1	n	26	34	8	1	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	8	15	32	6	n	n	n	n	1	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	13	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	4	4	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	2	1	n	n	n	24	9	1	n	n
Timbalier Bay	n	n	n	n	n	4	5	8	1	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	2	2	5	1	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	2	2	6	1	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	4	1	1	n	n	1	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
Flower Gardens NMS	1	11	8	4	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	70	34	11	1	n	5	n	n	n	n	n	n	n	n	n
LA Coastal Waters	1	1	1	n	n	47	21	25	4	n	2	1	1	1	n
MS Coastal Waters	n	n	n	n	n	5	1	n	n	n	5	2	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	5	2	1	n	n	56	22	2	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	18	13	2	n	n
Stetson Bank	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	56	22	6	n	n	4	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	11	4	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	9	11	2	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	8	4	3	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	9	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	16	1	n	n	n	1	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	5	n	n	n	n	3	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	12	4	6	1	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	10	1	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	2	5	1	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	43	23	49	27	21	19	22	22	22	29	19	21	33	26	46	27	91	21
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	3	13	3	14	22	27	9	3	1	1	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	34	44	55	39	52	18	n	2
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	13	27	21	16	11	2	n	2	n	n	n	n	n	n	n	n	n
Aransas Refuge	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	8
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	10	12	15	7	7	3	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	4	4	13	13	18	6	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	5	7	11	9	11	4	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	7	3
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	8	3	12	15	n	11	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	45	25	53	31	24	20	23	7	15	5	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	1	3	5	18	12	27	25	26	37	32	55	31	10	7
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	42	6
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	2	18
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Stetson Bank	1	2	n	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	29	23	49	27	20	17	18	6	13	4	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	3	n	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	17	19	3	n	1	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	13	32	25	19	14	4	1	3	1	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	1	1	3	14	5	10	4	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	2	3	12	6	15	5	7	14	9	14	6	n	n
Cameron Parish Bchs.	n	n	n	n	n	2	3	12	6	15	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	4	7	11	8	11	4	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	66	26	12	2	97	73	22	1	97	97	80	22	4	1	97	93	52	1	n	n	4	82	48	88	32
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	10	n	1	n	1	n	5
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	5	5	1	n	24	68	37	n	n	n	2	57	13	5	3
Aransas Refuge	5	3	2	n	30	12	n	n	22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	1	11	n	n	4	18	27	n	n	2	35	3	2	22	n	n	n	n	n
Texas Coastal Waters	76	35	16	2	99	79	27	1	98	98	85	25	7	1	99	96	55	1	n	n	6	85	52	77	29
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	3	28	8
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	1	n	n	n	2	4	3	n	n	3	n	n	n	20	n	n	n	n
Texas Maj. Beaches	59	21	9	n	74	52	16	1	76	36	78	22	4	1	97	93	52	n	n	n	4	81	46	64	24
Cameron County Bchs.	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	40	11	1	n	48	4	n	n	62	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	5	9	5	n	26	41	3	n	15	23	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	1	2	n	n	6	9	n	n	13	48	3	n	n	2	1	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	1	3	1	n	n	27	15	3	n	86	39	6	n	n	n	1	3	1	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	5	6	1	n	18	75	45	n	n	n	3	72	27	11	7
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	n	n	n	n	7	20	54	18
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	15	5
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	15	5
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	92	55	80	83	89	66	26	11	23	5	80	69	83	68	60	35	38	13	4	2	n	38	15	3	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	8	9	3	2	51	96	74	92	56	16	32	9	18	51	97	93	72	50	37	9	86	59	34	12
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	5	n	1	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	9	10	6	3	2	3	2	1	1	n	2	2	n	2	1	2	1	1	n	n	n	1	n	n	n
LA Coastal Waters	89	54	80	87	92	70	31	13	26	8	87	79	89	76	66	40	45	17	6	2	n	46	20	5	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	6	8	5	3	2	2	1	n	1	n	1	1	n	1	1	1	1	1	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	2	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	5	6	4	2	2	2	1	n	1	n	1	1	n	1	1	1	1	1	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	59	31	23	14	6	11	9	4	11	3	5	5	1	5	5	9	5	4	1	n	n	5	1	n	n
Cameron Parish Bchs.	59	31	23	14	6	11	9	4	11	3	5	5	1	5	5	9	5	4	1	n	n	5	1	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	55	19	6	1	72	49	32	23	19	17	57	19	41	17	10	32	20	7	76	54	20	10	3	61	22
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	39	38	20	7	17	58	75	79	86	76	22	27	30	10	5	60	35	13	8	16	22	48	57	10	9
C. Winter Menhaden	n	1	1	1	2	n	n	n	n	n	2	2	4	29	38	n	1	8	6	13	4	n	n	78	57
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	4	2	1	n	39	4	n	n	n	n	28	3	10	7	6	1	3	1	58	34	4	n	n	44	13
Barataria Bay	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	n	n	n	2	2	n	n	n	4	1
Camina da Headland	n	n	n	n	1	n	n	n	n	n	2	n	n	1	1	n	n	n	13	11	n	n	n	20	2
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	1	n	n	n	n	1	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	64	25	10	1	81	58	38	28	23	18	65	26	52	23	16	41	26	11	85	63	27	16	5	69	30
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	2	n	n	n	2	4	3	4	5	8	3	n	1	2	1	3	n	n	10	11	n	1	1	20	2
Cameron Parish Bchs.	2	n	n	n	2	4	3	4	5	8	1	n	1	n	n	3	n	n	n	1	n	1	1	1	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	2	n	n	1	1	n	n	n	9	10	n	n	n	18	2

Note: Hypothetical Spill Locations: L# = subareas
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Table B-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	6	1	74	50	41	5	81	64	48	82	80	78	48	31	7	82	58	78	62	49	35	12	10	13	15
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	4	3	5	5	n	n	1	3	1	4	1	3	6	2	n	2	3	n	2	1	n	n	n	n	n
C. Winter Menhaden	33	7	77	94	72	15	78	91	66	17	88	88	95	74	23	**	92	27	67	63	1	2	2	2	11
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	1	1
Timbalier Bay	4	1	51	36	17	2	12	21	13	49	12	19	36	23	5	11	28	7	12	12	n	n	n	n	2
Barataria Bay	n	n	21	9	19	3	54	31	22	30	49	46	5	5	2	30	22	8	23	20	n	1	n	n	2
Camina da Headland	1	n	45	20	17	3	28	26	16	50	21	22	14	12	3	15	26	6	14	15	n	n	n	n	2
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	17	9	3	12	6
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	11	2	80	60	49	7	88	72	57	88	86	83	56	40	8	91	66	89	75	61	58	17	10	21	22
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	3	3	1
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	6	4	2
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	43	20	20	3	41	31	19	50	27	27	12	12	3	21	28	7	18	19	n	n	n	n	3
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	42	20	17	3	28	25	16	48	21	21	12	12	3	15	24	6	14	15	n	n	n	n	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 10 days--Cont

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	7	58	30	78	70	72	58	29	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	
C. Winter Menhaden	9	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	1	1	5	27	13	1	
Timbalier Bay	1	n	n	n	n	n	n	n	
Barataria Bay	1	n	n	n	n	n	n	n	
Camada Headland	2	n	n	n	n	n	n	n	
Chandeleur/Breton	1	40	19	19	16	7	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	
LA Coastal Waters	12	79	44	25	22	10	1	n	
MS Coastal Waters	n	4	5	78	53	25	2	n	
Alabama Cstl. Waters	n	1	5	7	21	57	43	12	
FL Panhandle Waters	n	n	1	n	1	2	46	39	
Stetson Bank	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	2	n	n	n	n	n	n	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	2	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	91	73	54	23	10	85	69	64	32	14	75	50	36	24	21
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	3	21	37	26	16	28	50	22	12	5	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	8	18	42	25	12	n	2	4	9	2
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	20	7	5	3	1	2	1	n	n	n	n	n	n	n	n
Aransas Refuge	5	5	1	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	3	1	2	n	n	28	15	6	2	2
Timbalier Bay	n	n	n	n	n	5	8	16	8	4	n	1	1	2	n
Barataria Bay	n	n	n	n	n	3	3	10	5	1	n	n	1	3	1
Camada Headland	n	n	n	n	n	2	3	10	6	2	n	n	1	3	n
Chandeleur/Breton	n	n	n	n	n	5	1	2	1	n	3	3	4	4	2
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Florida Keys NMS	n	n	n	n	n	n	n	n	3	10	n	n	n	1	n
Flower Gardens NMS	1	14	13	15	7	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	86	58	33	11	3	11	5	1	n	n	n	n	n	n	n
LA Coastal Waters	7	18	25	14	7	67	63	62	33	13	4	7	10	17	5
MS Coastal Waters	n	n	n	n	n	7	2	2	n	n	8	8	6	4	2
Alabama Cstl. Waters	n	n	n	n	n	7	4	4	1	n	62	35	15	6	7
FL Panhandle Waters	n	n	n	n	n	2	2	1	1	n	26	23	17	6	16
Stetson Bank	2	2	2	2	1	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	75	46	27	9	2	11	5	1	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	12	5	1	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	10	14	4	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	9	8	7	1	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	12	6	6	3	1	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	25	9	7	4	1	4	2	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	10	5	4	2	1	7	3	1	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	4	8	10	5	2	20	17	15	8	3	n	1	1	3	n
Cameron Parish Bchs.	4	8	10	5	2	17	13	5	2	1	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	3	9	5	2	n	n	1	2	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	62	46	73	63	56	65	62	66	70	71	67	66	69	55	74	60	95	51
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	3	12	6	13	27	38	25	38	44	47	32	20	5	3	2	1	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	39	57	74	55	64	34	n	10
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	3	20	35	34	23	16	6	3	4	1	n	n	n	n	n	n	n	n
Aransas Refuge	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	2	12
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	19	24	28	15	14	8	n	2
Barataria Bay	n	n	n	n	n	n	n	n	n	n	6	9	21	21	27	12	n	4
Camada Headland	n	n	n	n	n	n	n	n	n	n	7	13	20	16	18	10	n	3
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	14	8	7
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Flower Gardens NMS	10	17	9	19	17	1	14	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	62	41	72	56	38	34	38	19	25	13	1	1	n	n	n	n	n	n
LA Coastal Waters	n	8	2	9	19	33	28	50	47	61	70	68	71	59	76	50	11	22
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	11	42	12
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	9	4	26
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	1	6
Stetson Bank	1	3	1	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	42	40	70	54	38	34	36	18	24	13	1	1	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	8	1	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	4	19	26	7	1	2	1	n	n	1	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	3	22	43	43	29	21	11	5	6	2	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	5	2	7	9	12	25	14	18	11	1	1	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	3	1	5	8	14	15	26	19	25	13	16	24	18	22	11	n	4
Cameron Parish Bchs.	n	3	1	5	8	14	15	26	19	25	6	3	1	1	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	7	12	20	14	18	9	n	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Land	98	85	65	33	**	96	60	25	**	**	95	66	45	30	99	99	82	54	44	26	54	98	82	98	78	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	1	3	3	n	n	5	16	n	n	1	6	19	24	n	n	5	42	59	40	19	1	8	n	11	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	1	2	7	6	n	1	12	8	n	n	10	24	17	7	25	70	47	2	1	1	15	63	21	9	9	
Aransas Refuge	13	11	5	1	30	12	1	n	22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	3	9	18	n	1	13	30	n	n	2	10	26	36	n	n	3	36	4	6	26	n	1	n	1	
Texas Coastal Waters	98	85	66	33	**	96	60	23	**	**	94	63	38	19	**	99	75	18	10	6	38	96	69	80	47	
LA Coastal Waters	n	n	n	1	n	n	2	5	n	n	1	5	10	14	n	1	11	40	36	23	19	5	17	31	34	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	3	4	n	n	4	3	n	n	n	5	5	5	n	n	4	n	n	n	21	n	1	n	1	
Texas Maj. Beaches	80	66	52	25	75	68	49	20	78	38	92	61	36	17	99	98	73	16	9	6	36	93	66	71	46	
Cameron County Bchs.	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	46	17	3	n	48	4	n	n	62	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	17	27	15	4	26	47	4	n	16	23	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	2	15	16	8	1	11	19	2	n	14	51	7	1	n	2	1	1	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	1	5	12	6	n	4	16	8	n	1	31	26	12	3	86	42	7	n	n	n	5	5	3	1	1	
Galveston Rec. Bchs.	n	3	8	7	n	2	13	10	n	n	11	30	21	9	20	78	58	6	3	2	23	81	38	16	16	
Jefferson Rec. Bchs.	n	n	n	1	n	n	1	2	n	n	1	4	4	6	1	2	10	11	6	4	11	10	28	55	30	
Louisiana Rec. Bchs.	n	n	n	n	n	n	1	2	n	n	n	3	5	8	n	n	6	19	16	8	12	4	10	17	16	
Cameron Parish Bchs.	n	n	n	n	n	n	1	2	n	n	n	3	5	8	n	n	6	19	16	8	12	4	10	17	16	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 30days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	87	96	97	99	93	82	69	81	69	97	96	96	95	91	84	84	73	64	57	41	85	74	63	44
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	12	9	3	2	51	99	89	96	78	18	33	10	19	51	99	96	91	84	78	63	89	78	70	56
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	1	2	3	4
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	3	5	3	1	n	2	2	1	2	2	1	1	n	1	1	3	2	1	1	1	n	2	n	1	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	1	n	5	n	1	n	1	1	1	1	n	2	3	2	3
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	11	19	10	7	5	8	10	8	11	10	4	5	1	6	5	9	7	6	5	5	3	6	4	2	3
LA Coastal Waters	91	72	88	93	96	89	75	65	75	63	95	92	96	91	89	79	80	70	63	56	41	82	73	64	47
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	10	19	10	7	5	8	10	7	10	9	3	5	1	6	5	9	7	6	4	4	3	6	4	3	3
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	5	7	4	3	1	3	4	3	3	4	1	2	1	2	2	4	3	1	1	1	1	3	n	1	1
Jefferson Rec. Bchs.	6	12	7	4	4	5	6	5	7	6	2	3	1	4	4	5	4	4	3	3	3	4	3	2	2
Louisiana Rec. Bchs.	60	41	27	16	9	19	24	24	29	28	8	10	5	11	13	24	17	20	19	19	15	17	15	14	7
Cameron Parish Bchs.	60	41	27	16	9	19	24	24	29	28	8	10	5	11	13	24	17	20	19	19	15	17	15	14	7
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	89	77	66	49	92	89	83	77	75	76	87	74	83	68	67	84	76	63	93	86	74	70	64	87	72	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	42	57	47	36	19	60	82	88	94	82	27	47	37	28	19	67	54	34	10	22	41	73	87	17	22	
C. Winter Menhaden	2	4	9	20	3	1	1	1	n	n	4	7	6	39	55	2	5	23	7	15	12	4	n	79	67	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	1	n	1	n	1	n	1	2	1	2	1	n	n	n	n	1	n	n	n	1	n	n	2	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	5	7	8	9	42	5	2	1	1	n	32	10	13	19	25	3	8	14	61	37	13	4	1	48	26	
Barataria Bay	n	n	1	1	1	n	n	n	n	n	2	1	n	4	6	n	n	2	3	4	1	1	n	6	4	
Camina da Headland	n	n	1	2	2	n	n	n	n	n	3	1	1	6	9	n	n	3	13	12	2	1	n	21	7	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	4	3	2	1	2	5	6	7	7	10	3	3	4	1	1	5	3	2	1	2	2	4	6	2	1	
LA Coastal Waters	88	77	67	52	94	87	81	76	73	69	88	75	83	72	72	83	77	68	94	87	75	70	61	87	76	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	4	3	1	1	2	4	6	6	7	10	3	2	4	1	1	5	3	1	1	2	2	4	6	2	1	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	1	n	1	n	1	1	2	3	2	4	1	n	1	n	n	2	1	1	1	1	1	1	3	n	n	
Jefferson Rec. Bchs.	2	3	1	1	1	3	3	4	5	6	2	2	3	1	1	3	2	1	1	1	2	3	3	1	n	
Louisiana Rec. Bchs.	9	12	12	9	7	16	14	17	23	31	11	9	10	12	12	14	11	10	12	16	10	12	23	24	12	
Cameron Parish Bchs.	9	11	10	6	6	16	14	16	22	31	8	8	9	6	3	14	11	8	2	5	8	11	22	3	5	
LaFourche Rec. Bchs.	n	n	1	2	1	n	n	n	n	n	3	1	1	5	8	n	n	2	10	11	2	1	n	20	6	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	65	53	90	83	74	36	93	85	78	94	92	91	83	75	52	93	86	90	84	76	67	52	48	54	55
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	18	20	8	12	5	2	2	6	3	6	3	5	14	8	7	3	7	2	5	3	1	n	n	n	1
C. Winter Menhaden	54	41	77	96	84	42	79	94	78	18	88	88	98	86	59	**	96	29	71	73	4	6	7	6	17
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	4	8	8	8	5
Timbalier Bay	23	15	53	44	26	14	14	27	20	51	13	22	44	38	22	14	36	10	18	19	1	1	2	1	5
Barataria Bay	6	6	24	12	26	12	57	34	30	31	51	48	7	12	9	32	27	10	26	26	1	2	3	2	6
Camina da Headland	10	7	47	24	24	12	30	29	22	51	22	24	17	20	11	17	30	8	16	20	1	1	2	1	4
Chandeleur/Breton	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	1	1	1	23	17	8	19	12
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	2	1	1	1	n	n	n	n	n	1	n	n	2	1	n	n	1	n	n	n	n	n	n	n	n
LA Coastal Waters	69	56	91	86	78	38	95	89	80	95	94	93	83	77	56	96	88	95	87	79	64	29	21	30	38
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	14	17	15	17	12
Alabama Cstl. Waters	n	n	n	n	n	1	n	n	1	n	n	n	n	n	n	n	n	1	1	1	13	20	20	19	15
FL Panhandle Waters	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	1	n	1	6	8	7	7	6
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	1	1	1	1	n	n	n	n	n	1	n	n	2	1	n	n	1	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	1	1	n	n	n	n	n	1	n	n	1	1	n	n	1	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	13	12	47	28	29	15	43	34	26	52	29	30	19	22	13	24	35	9	20	26	2	1	2	2	6
Cameron Parish Bchs.	3	4	1	3	1	n	n	1	1	1	1	1	3	2	1	1	2	n	n	1	n	n	n	n	n
LaFourche Rec. Bchs.	9	6	44	23	24	12	29	28	22	49	22	23	15	19	11	17	29	8	16	20	1	1	2	1	4

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	38	79	64	91	86	85	74	57
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	2	n	n	n	n	n	n	n
C. Winter Menhaden	25	n	2	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	3	7	3	8	29	16	4
Timbalier Bay	7	n	1	n	n	n	n	n
Barataria Bay	10	n	n	n	n	n	n	n
Cami nada Headland	8	n	1	n	n	n	n	n
Chandel eur/Breton	5	42	26	20	17	9	1	1
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	1	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	36	80	52	26	24	12	2	1
MS Coastal Waters	4	9	18	80	57	29	4	1
Alabama Cstl. Waters	4	8	18	12	27	61	50	21
FL Panhandle Waters	2	4	6	3	4	6	52	56
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	10	n	1	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	7	n	1	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	14	n	n	n	n	10	1	1	n	n	6	n	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	16	1	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	7	7	5	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	3	n	n	n	n
Timbalier Bay	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Cami nada Headland	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	6	2	n	n	n	1	n	n	n	n	n	n	n	n
Texas Coastal Waters	31	1	n	n	n	1	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	17	3	2	n	n	n	n	n	n	n
MS Coastal Waters	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	2	n	n	n	n	12	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n
Stetson Bank	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	12	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	12	6	14	7	6	4	7	5	6	5	1	1	2	2	3	4	75	3
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	3	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	13	11	16	14	21	3	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	2	12	6	6	4	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	3	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	10	1	12	1	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	17	11	25	15	10	10	9	1	7	1	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	n	2	8	3	8	5	5	6	7	19	13	6	1
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	39	1
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	6
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	10	6	14	7	6	4	6	n	5	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	5	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	1	12	7	6	4	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	5	n	4	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	1	5	1	5	n	n	1	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	1	5	1	5	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	22	n	n	n	50	1	n	n	50	48	23	n	n	n	63	47	13	n	n	n	n	30	13	44	1
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	31	9	n	n	n	n	27	4	2	n
Aransas Refuge	n	n	n	n	5	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	37	4	n	n	n	n	n	n
Texas Coastal Waters	44	1	n	n	74	2	n	n	74	75	38	n	n	n	91	86	27	n	n	n	n	55	22	72	2
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	13	1
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	5	n	n	21	n	n	n
Texas Maj. Beaches	21	n	n	n	44	1	n	n	47	19	19	n	n	n	63	47	13	n	n	n	n	30	13	36	n
Cameron County Bchs.	19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	1	n	n	n	43	1	n	n	47	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	1	n	n	n	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	5	17	n	n	n	n	8	1	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	2	n	n	n	n	54	31	4	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	27	12	n	n	n	n	30	9	3	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	33	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	52	11	19	22	37	10	n	n	n	n	25	11	33	5	3	n	n	n	n	n	n	n	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	11	1	1	51	66	6	42	1	14	31	4	13	38	79	69	7	n	n	n	48	7	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	69	14	35	39	65	25	n	n	n	n	48	25	61	17	9	n	n	n	n	n	n	n	n	n	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	26	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	26	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
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Table B-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	8	n	n	n	16	1	n	n	n	n	7	n	n	n	n	n	n	n	19	7	n	n	n	10	n	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	16	2	n	n	9	27	36	22	16	5	5	1	9	n	n	20	2	n	2	1	1	n	n	n	n	
C. Winter Menhaden	n	n	n	n	1	n	n	n	n	n	1	n	n	n	n	n	n	n	8	15	n	n	n	78	4	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	2	n	n	n	15	n	n	n	n	n	7	n	n	n	n	n	n	n	19	7	n	n	n	10	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	
Camina da Headland	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	6	4	n	n	n	7	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	13	n	n	n	32	1	n	n	n	n	13	n	1	n	n	n	n	n	36	14	n	n	n	19	n	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	n	n	n	6	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	n	n	n	6	n	

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Table B-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	n	n	13	n	n	n	26	2	n	31	25	22	n	n	n	28	2	43	6	1	19	3	n	4	4	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	75	49	13	n	71	50	12	29	79	80	56	7	n	95	48	18	36	18	1	n	n	1	2	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	13	n	n	n	6	1	n	21	3	3	n	n	n	2	1	1	1	n	n	n	n	n	n	n
Barataria Bay	n	n	1	n	n	n	20	n	n	12	18	16	n	n	n	7	n	n	1	n	n	n	n	n	n	n
Camina da Headland	n	n	9	n	n	n	19	1	n	26	8	9	n	n	n	4	1	1	1	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	21	2	n	n	52	14	3	51	49	42	1	n	n	68	7	76	28	5	49	9	1	11	10	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	9	n	n	n	21	1	n	25	12	12	n	n	n	5	1	1	1	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	9	n	n	n	19	1	n	24	8	9	n	n	n	4	1	1	1	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	n	41	18	41	19	17	11	1
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	2	7	3	n
Timbalier Bay	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	10	3	7	6	1	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	1	69	40	13	10	2	n	n
MS Coastal Waters	n	n	n	64	21	8	n	n
Alabama Cstl. Waters	n	n	n	5	10	26	18	1
FL Panhandle Waters	n	n	n	n	n	n	20	5
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	60	22	5	n	n	34	6	7	1	n	44	15	2	1	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	1	n	n	23	17	7	1	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	8	10	18	3	n	n	n	1	1	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	11	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Aransas Refuge	3	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	12	3	n	n	n
Timbalier Bay	n	n	n	n	n	2	1	2	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	2	1	2	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	2	1	2	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	5	1	1	n	n	8	6	1	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	1	4	n	n	n	n	n
Flower Gardens NMS	n	8	8	2	n	n	3	n	n	n	n	n	n	n	n
Texas Coastal Waters	69	29	8	1	n	6	1	n	n	n	n	n	n	n	n
LA Coastal Waters	1	n	n	n	n	34	9	11	2	n	15	12	4	3	n
MS Coastal Waters	n	n	n	n	n	3	n	n	n	n	9	4	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	3	n	n	n	n	37	13	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	14	10	n	n	n
Stetson Bank	1	4	2	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	51	17	4	n	n	4	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	12	6	2	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	8	6	1	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	9	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	8	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	13	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	3	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	1	n	n	n	n	6	1	2	n	n	n	n	n	n	n
Cameron Parish Bchs.	1	n	n	n	n	5	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	1	2	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	37	21	46	30	20	20	22	16	18	16	8	9	11	14	26	20	93	16
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	2	3	7	12	10	4	2	5	3	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	18	17	31	34	45	17	n	5
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	4	20	18	15	13	5	2	3	1	n	n	n	n	n	n	n	n
Aransas Refuge	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	2	2	4	5	8	2	n	1
Barataria Bay	n	n	n	n	n	n	n	n	n	n	2	2	3	4	11	2	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	1	2	3	4	12	2	n	1
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	7	6
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	1	n	1	15	4	18	5	3	2	1	n	n	n	n	n	n	n
Texas Coastal Waters	39	26	54	35	27	23	23	8	15	5	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	1	6	12	7	13	10	10	16	19	37	28	10	16
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	42	3
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	8
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Stetson Bank	n	2	n	4	4	1	2	1	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	28	19	40	28	20	19	17	6	12	4	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	19	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	8	1	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	6	6	3	n	1	1	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	9	12	8	6	4	1	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	5	21	18	16	16	6	3	4	2	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	1	1	2	9	3	9	2	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	4	8	4	8	2	2	4	5	12	2	n	1
Cameron Parish Bchs.	n	n	n	n	n	n	4	8	4	8	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	1	2	3	4	11	2	n	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	43	8	3	1	95	56	17	1	95	96	75	21	10	2	94	89	46	2	n	n	8	77	43	90	25
Tamaulipas, Mexico	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	3	1	n	n	13	54	28	n	n	n	1	54	20	10	9
Aransas Refuge	n	n	n	n	20	8	n	n	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	44	24	4	1	n	n	n	n
Texas Coastal Waters	58	10	3	1	96	68	23	3	97	97	85	31	13	5	99	97	58	5	n	n	12	89	54	80	25
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	25	8
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	2	2	n	n	4	9	1	1	28	n	1	n	1
Texas Maj. Beaches	39	7	2	1	77	43	13	1	82	52	62	16	7	1	91	87	45	1	n	n	7	76	41	67	17
Cameron County Bchs.	26	6	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	13	1	n	1	61	18	8	n	71	7	2	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	16	23	4	1	11	30	8	7	3	n	2	n	1	n	n	n	2	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	1	1	n	n	16	37	4	2	1	16	6	4	n	n	n	3	2	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	12	3	n	n	65	49	18	n	n	n	2	8	5	2	2
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	3	1	n	n	12	52	32	1	n	n	1	64	28	18	10
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	10	50	6
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	16	7
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	16	7
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	90	31	61	66	78	39	3	n	2	1	59	45	60	43	30	6	7	n	n	n	n	6	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	5	13	1	1	53	83	23	60	14	18	38	12	23	50	89	87	30	5	2	n	74	35	4	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	3	3	1	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	1	7	3	3	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	1	6	2	6	n	n	n	n	1	1	2	2	5	5	n	1	1	n	n
Texas Coastal Waters	14	15	10	6	3	3	1	n	1	1	1	2	n	1	1	1	1	n	n	n	n	1	n	n	n
LA Coastal Waters	86	26	66	78	90	48	3	1	3	1	72	57	78	53	41	9	10	n	n	n	n	10	n	n	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
Texas Maj. Beaches	12	8	6	4	2	2	1	n	n	1	1	1	n	1	1	1	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	5	4	2	1	1	1	1	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	7	4	4	3	1	1	n	n	n	n	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	42	8	10	6	5	4	1	n	n	n	3	3	1	3	3	1	1	n	n	n	n	1	n	n	n
Cameron Parish Bchs.	42	8	10	6	5	4	1	n	n	n	3	3	1	3	3	1	1	n	n	n	n	1	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	20	1	n	n	39	14	4	1	1	1	20	1	9	1	1	3	1	n	41	21	1	n	n	26	2	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	38	31	10	1	25	50	67	65	52	34	25	24	32	23	16	54	31	13	17	22	28	16	7	17	21	
C. Winter Menhaden	n	n	n	n	6	n	n	n	n	n	7	n	2	1	n	n	n	n	16	19	1	n	n	81	5	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	4	n	n	n	26	3	n	n	n	n	12	n	4	n	n	1	n	n	32	14	n	n	n	21	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n	n	2	
Camina da Headland	n	n	n	n	3	n	n	n	n	n	3	n	n	n	n	n	n	n	10	7	n	n	n	10	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	1	2	2	1	n	n	n	n	1	n	n	n	n	n	n	1	5	n	n	
Texas Coastal Waters	n	n	n	n	n	1	1	n	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	30	1	n	n	51	19	5	1	1	1	29	1	14	1	1	5	1	n	55	30	1	n	n	34	3	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	1	n	
Texas Maj. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	1	n	n	n	3	n	1	n	n	n	2	n	1	n	n	1	n	n	9	7	n	n	n	10	n	
Cameron Parish Bchs.	1	n	n	n	1	n	1	n	n	n	n	1	n	n	n	1	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	3	n	n	n	n	n	2	n	n	n	n	n	n	n	8	7	n	n	n	10	n	

Note: Hypothetical Spill Locations: L# = subareas
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Table B-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	n	n	34	12	8	1	66	36	18	54	62	56	11	2	n	71	30	64	40	22	38	23	13	24	24	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	12	2	12	13	10	1	4	7	5	10	5	6	15	11	3	4	9	3	5	5	1	1	n	1	2	
C. Winter Menhaden	n	n	81	79	52	14	76	72	53	35	83	83	78	16	1	98	75	29	58	48	11	13	7	17	29	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	n	26	7	4	1	17	12	7	38	13	13	6	1	n	11	11	5	10	9	2	1	1	3	3	
Barataria Bay	n	n	5	2	1	n	42	14	7	15	37	32	1	n	n	33	8	6	15	8	2	1	n	3	5	
Camina da Headland	n	n	16	2	2	n	38	13	9	33	25	23	2	n	n	22	12	6	14	10	3	2	1	3	5	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	7	7	4	6	1	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	1	n	46	18	10	3	83	50	27	69	80	69	16	3	n	86	44	85	56	30	65	35	22	37	38	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	15	2	2	n	44	16	9	32	32	28	3	n	n	27	12	7	17	11	3	2	1	3	6	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	15	2	2	n	38	13	8	31	24	23	2	n	n	22	11	6	13	10	3	2	1	3	5	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	7	61	37	76	61	62	51	18
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n
C. Winter Menhaden	14	n	4	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	2	5	12	14	3
Timbalier Bay	1	n	n	n	n	n	n	n
Barataria Bay	3	n	n	n	n	n	n	n
Camada Headland	3	n	n	n	n	n	n	n
Chandeleur/Breton	n	21	13	16	22	13	5	1
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	12	76	58	26	32	21	9	1
MS Coastal Waters	n	n	1	72	37	24	6	1
Alabama Cstl. Waters	n	n	n	8	18	41	38	12
FL Panhandle Waters	n	n	n	n	1	4	37	26
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	4	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	3	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas

T# = hypothetical shuttle tanker route segments

#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	93	74	53	22	4	80	51	39	13	5	87	73	40	23	10
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	4	5	1	n	27	34	24	13	5	n	n	1	4	2
C. Winter Menhaden	n	n	n	n	n	9	12	28	13	1	n	n	6	15	10
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	20	8	6	2	n	10	10	3	1	n	n	n	n	n	n
Aransas Refuge	3	4	1	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	1	n	n	n	14	8	3	1	n
Timbalier Bay	n	n	n	n	n	4	3	6	2	n	n	1	2	3	2
Barataria Bay	n	n	n	n	n	2	2	5	2	n	n	n	1	3	2
Camada Headland	n	n	n	n	n	2	2	5	2	n	n	n	2	4	3
Chandeleur/Breton	n	n	n	n	n	7	3	3	1	n	14	14	14	5	1
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	3	18	n	n	n	1	1
Flower Gardens NMS	n	9	13	9	4	1	5	4	3	2	n	n	n	n	n
Texas Coastal Waters	92	76	56	24	5	26	28	11	3	n	n	n	n	n	n
LA Coastal Waters	3	1	1	n	n	53	28	33	13	1	26	30	33	25	12
MS Coastal Waters	n	n	n	n	n	5	1	1	n	n	17	12	5	1	n
Alabama Cstl. Waters	n	n	n	n	n	4	2	2	n	n	42	25	9	2	n
FL Panhandle Waters	n	n	n	n	n	3	2	1	n	n	28	32	9	2	n
Stetson Bank	1	5	4	3	1	n	1	1	1	n	n	n	n	n	n
Texas Maj. Beaches	79	59	42	17	3	24	22	8	2	n	n	n	n	n	n
Cameron County Bchs.	2	2	1	1	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	16	16	11	5	1	n	1	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	11	15	10	5	1	1	1	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	12	11	10	3	n	2	3	1	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	13	7	5	2	n	4	5	2	n	n	n	n	n	n	n
Galveston Rec. Bchs.	24	9	6	2	n	13	11	4	1	n	n	n	n	n	n
Jefferson Rec. Bchs.	6	1	1	n	n	7	3	2	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	2	n	n	n	n	13	6	9	3	n	n	n	2	4	3
Cameron Parish Bchs.	2	n	n	n	n	10	4	3	1	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	2	5	2	n	n	n	2	3	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	66	56	84	72	59	57	63	59	57	58	30	29	39	41	57	54	99	54
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	3	6	2	6	8	13	30	35	23	14	12	12	n	4
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	19	24	46	50	61	34	n	16
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	10	28	30	25	26	20	19	17	14	2	3	2	1	1	1	n	n
Aransas Refuge	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	6
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	2	3	10	12	13	6	n	3
Barataria Bay	n	n	n	n	n	n	n	n	n	n	2	3	7	9	21	7	n	4
Camada Headland	n	n	n	n	n	n	n	n	n	n	2	3	8	11	21	7	n	4
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	17	8	15
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	2	7	1	4	20	8	23	9	7	7	8	3	1	1	1	1	n	n
Texas Coastal Waters	69	59	86	74	59	59	59	46	50	39	14	11	6	4	5	5	n	1
LA Coastal Waters	n	1	n	1	2	4	8	17	13	24	22	25	41	44	61	49	11	39
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	43	7
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	5	15
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	1	8
Stetson Bank	1	4	1	7	6	2	4	1	2	2	2	1	n	n	n	n	n	n
Texas Maj. Beaches	50	49	74	63	50	50	49	40	43	34	10	8	5	3	3	3	n	1
Cameron County Bchs.	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	28	5	9	5	3	2	3	2	1	1	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	13	7	8	6	4	3	4	4	3	2	1	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	5	14	13	9	5	5	4	4	4	5	2	2	n	n	n	n	n	n
Brazoria Rec. Bchs.	1	14	20	16	13	13	10	7	6	5	2	3	1	n	n	1	n	n
Galveston Rec. Bchs.	n	11	31	32	27	30	22	21	20	17	3	2	3	2	2	2	n	n
Jefferson Rec. Bchs.	n	1	1	1	4	4	10	7	12	7	3	3	1	1	1	n	n	n
Louisiana Rec. Bchs.	n	n	n	1	2	2	6	10	7	12	5	6	13	14	24	9	n	4
Cameron Parish Bchs.	n	n	n	1	2	2	6	10	7	12	3	3	4	2	1	1	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	2	3	8	10	20	7	n	4

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	90	70	52	34	99	95	82	44	**	**	98	85	72	48	**	**	90	54	38	18	68	98	86	99	80
Tamaulipas, Mexico	3	3	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	8	3	n	n	1	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	1	n	n	n	3	2	n	n	7	11	9	4	15	59	46	13	9	3	15	63	38	13	31
Aransas Refuge	8	6	1	n	21	9	1	n	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	2	3	n	n	n	4	n	n	n	n	3	7	n	n	n	45	33	13	3	n	1	n	1
Texas Coastal Waters	92	69	54	35	99	95	85	47	**	**	99	89	76	51	**	99	90	57	42	21	75	95	84	82	70
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	2	1	n	1	5	7	27	16
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	1	1	3	n	n	1	3	n	n	n	2	6	6	n	n	4	11	5	4	30	n	1	n	1
Texas Maj. Beaches	77	56	40	26	80	74	65	35	86	56	83	69	60	37	97	96	84	44	30	15	55	93	77	73	62
Cameron County Bchs.	28	9	5	3	n	2	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	34	21	14	10	63	33	24	12	74	9	5	12	14	12	1	1	3	5	4	2	8	n	2	n	1
Calhoun Rec. Bchs.	11	17	10	6	16	32	17	11	11	30	10	16	12	10	2	1	3	5	7	3	9	1	1	n	2
Matagorda Rec. Bchs.	3	8	8	4	1	6	16	7	n	16	44	18	14	8	17	6	9	12	7	4	12	2	5	n	4
Brazoria Rec. Bchs.	1	1	2	1	n	1	3	3	n	n	15	15	11	4	67	51	26	10	6	4	12	10	13	3	11
Galveston Rec. Bchs.	n	n	1	1	n	n	3	2	n	n	9	12	11	4	15	58	54	13	11	3	18	75	48	21	36
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	3	n	n	2	9	15	52	13
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n	n	1	3	5	18	11
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n	n	1	3	5	18	11
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	85	94	95	97	88	71	55	67	56	92	90	90	88	85	73	74	44	30	26	17	72	40	20	11
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	6	13	2	3	54	84	38	66	29	21	40	15	25	55	91	91	44	19	11	4	84	53	17	10
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	5	19	8	8	6	11	16	15	17	18	4	7	4	6	7	11	11	11	10	8	4	11	8	6	3
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	1	2	9	4	6	1	1	n	n	n	n	1	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	2	7	3	6	n	n	n	n	n	1	1	5	7	16	18	1	5	11	14
Texas Coastal Waters	16	49	23	18	14	25	41	45	47	51	14	17	12	16	20	36	30	35	30	28	22	30	28	21	12
LA Coastal Waters	88	41	77	85	93	70	38	18	28	13	85	78	87	77	71	45	51	16	6	3	n	51	22	4	2
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	1	n	n	n	n	1	1	1	2	n	n	n	n	n	n	1	1	3	3	5	1	2	3	4
Texas Maj. Beaches	17	45	22	17	13	24	36	34	39	41	13	16	11	15	19	32	28	26	23	21	12	26	20	14	8
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	1	1	2	n	n	n	n	n	n	n	n	1	1	2	n	n	n	n
Calhoun Rec. Bchs.	n	1	n	n	n	n	2	3	2	4	n	n	n	n	n	1	1	3	2	3	2	1	1	2	1
Matagorda Rec. Bchs.	n	3	1	n	n	2	4	5	4	5	1	1	1	1	1	3	3	2	4	6	2	2	3	3	2
Brazoria Rec. Bchs.	1	6	5	3	2	5	7	8	8	12	2	3	2	2	3	7	5	6	6	3	3	5	4	5	1
Galveston Rec. Bchs.	7	25	11	8	8	13	20	17	21	20	6	8	5	8	10	15	14	13	11	8	4	14	9	6	3
Jefferson Rec. Bchs.	9	13	9	6	4	7	7	5	8	2	5	5	3	5	6	9	7	4	2	2	n	6	4	n	1
Louisiana Rec. Bchs.	44	15	16	9	7	10	12	5	7	3	9	12	6	11	13	13	15	4	1	1	n	14	7	1	1
Cameron Parish Bchs.	44	15	16	9	7	10	12	5	7	3	9	12	6	11	13	13	15	4	1	1	n	14	7	1	1
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	71	43	23	10	80	72	67	64	60	66	67	43	61	37	29	64	46	27	76	63	45	32	39	63	36	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	52	63	41	30	31	65	81	76	62	43	41	58	52	52	43	75	62	43	24	40	59	40	27	31	45	
C. Winter Menhaden	2	1	n	n	7	1	1	n	n	n	9	2	5	4	7	1	1	2	17	21	2	1	n	81	10	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	10	8	4	2	7	10	11	12	14	19	8	8	9	6	6	10	9	6	5	6	8	7	12	4	6	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	7	1	1	n	29	6	2	n	n	n	18	3	8	2	2	2	2	2	36	20	3	1	n	26	3	
Barataria Bay	n	n	n	n	1	n	n	n	n	n	1	n	n	n	n	n	n	n	n	2	3	n	n	n	4	1
Camina da Headland	n	n	n	n	5	n	n	n	n	n	4	n	1	n	n	n	n	n	12	9	n	n	n	12	1	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	1	4	7	8	n	1	2	3	4	2	1	5	1	2	3	2	5	4	1	1	3	5	8	1	3	
Texas Coastal Waters	22	23	15	9	16	24	30	36	45	52	20	23	23	19	17	28	22	16	12	17	22	24	38	14	17	
LA Coastal Waters	58	29	14	6	74	53	44	36	27	22	56	32	46	28	19	43	32	18	73	55	32	13	9	60	28	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	2	2	1	n	n	1	1	2	2	n	1	n	1	1	1	1	1	1	n	1	2	3	1	1	
Texas Maj. Beaches	19	17	10	5	15	22	26	29	35	43	18	16	19	14	13	26	17	12	11	14	17	18	30	11	14	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	
Calhoun Rec. Bchs.	n	n	n	n	n	1	1	2	3	3	n	n	n	n	n	1	n	n	n	n	n	1	3	n	n	
Matagorda Rec. Bchs.	1	3	2	1	1	2	2	3	4	5	2	2	2	1	1	2	3	2	1	2	2	4	4	1	1	
Brazoria Rec. Bchs.	4	3	3	1	2	4	6	6	6	9	3	3	4	4	2	5	4	3	2	2	4	5	9	2	3	
Galveston Rec. Bchs.	11	9	5	2	8	12	14	16	18	25	10	9	10	7	7	12	10	6	6	8	8	9	12	6	7	
Jefferson Rec. Bchs.	5	3	1	1	5	6	6	6	7	5	4	4	5	3	3	7	3	2	3	3	5	3	4	3	4	
Louisiana Rec. Bchs.	11	8	3	2	10	11	14	12	8	5	9	7	11	8	5	12	8	5	14	13	9	4	2	15	8	
Cameron Parish Bchs.	10	8	3	2	5	11	14	12	8	5	6	7	9	8	4	12	8	5	3	5	9	4	2	3	7	
LaFourche Rec. Bchs.	n	n	n	n	4	n	n	n	n	n	3	n	1	n	n	n	n	n	11	8	n	n	n	12	1	

Note: Hypothetical Spill Locations: L# = subareas
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#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	26	13	70	55	46	26	86	71	55	81	86	84	49	33	13	87	69	81	70	55	70	61	57	61	61	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	38	27	22	27	28	17	8	14	15	15	9	10	32	35	28	6	17	5	11	14	3	5	2	6	8	
C. Winter Menhaden	7	4	81	85	68	39	76	81	72	35	84	83	82	36	15	98	85	33	70	70	16	23	14	26	45	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	5	2	4	3	3	1	2	2	2	4	2	2	4	3	2	2	3	1	3	1	n	1	n	n	1	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	2	2	2	2	1	
Timbalier Bay	2	1	37	19	13	4	21	21	17	44	19	21	14	8	3	16	20	7	17	17	3	4	3	6	8	
Barataria Bay	n	n	7	5	5	4	46	21	18	19	41	38	2	1	1	36	18	9	22	19	4	5	1	5	13	
Camina da Headland	n	n	20	7	8	6	42	21	17	35	30	30	5	3	n	27	20	9	21	17	4	5	3	6	13	
Chandeleur/Breton	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	3	1	1	18	16	17	17	8	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	4	4	1	2	2	2	n	1	1	n	n	n	2	3	3	n	1	n	1	1	1	1	1	1	1	
Texas Coastal Waters	13	7	11	11	9	4	3	7	5	8	4	6	12	12	6	3	8	3	5	4	1	1	1	1	2	2
LA Coastal Waters	18	9	70	53	45	28	90	72	58	83	90	87	46	30	12	94	69	91	73	60	79	60	53	62	68	
MS Coastal Waters	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	1	n	5	5	6	5	2	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	6	5	8	5	1	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	6	3	7	4	2	
Stetson Bank	1	1	n	n	1	n	n	1	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	11	5	9	8	7	3	2	5	4	6	4	5	10	9	5	3	6	2	4	3	1	1	1	1	2	2
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	3	2	1	1	2	n	n	1	1	2	n	1	1	2	n	1	1	n	1	1	n	n	n	n	n	
Galveston Rec. Bchs.	6	2	5	4	4	2	2	3	2	4	2	3	5	5	3	2	4	1	3	2	n	1	n	1	1	
Jefferson Rec. Bchs.	2	2	3	3	2	1	n	2	1	1	1	2	3	3	2	1	2	1	1	1	1	n	n	1	1	
Louisiana Rec. Bchs.	6	3	21	11	11	8	51	27	22	37	39	37	9	8	2	33	23	11	27	23	5	7	3	8	16	
Cameron Parish Bchs.	5	2	3	4	4	2	2	2	1	2	2	2	4	5	2	2	2	1	2	1	1	2	n	1	1	
LaFourche Rec. Bchs.	n	n	17	7	8	6	42	21	17	33	29	29	5	3	n	26	20	8	21	17	4	5	3	6	13	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	34	84	75	94	90	92	88	70	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	
W. Winter Menhaden	10	n	1	n	n	n	n	n	
C. Winter Menhaden	39	n	5	n	n	1	1	1	
Big Bend Seagrass	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	
Mobile Bay	n	2	2	5	10	15	16	7	
Timbalier Bay	6	n	1	n	n	n	n	n	
Barataria Bay	11	n	n	n	n	n	n	n	
Camada Headland	11	n	1	n	n	n	n	n	
Chandeleur/Breton	5	28	24	20	27	17	10	8	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	
Flower Gardens NMS	1	n	n	n	n	n	n	n	
Texas Coastal Waters	2	n	1	n	n	n	n	n	
LA Coastal Waters	42	80	70	30	37	27	18	14	
MS Coastal Waters	n	5	7	75	43	28	9	4	
Alabama Cstl. Waters	1	5	9	14	25	47	42	21	
FL Panhandle Waters	1	5	8	3	8	11	49	55	
Stetson Bank	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	1	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	1	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	13	n	2	n	n	n	n	n	
Cameron Parish Bchs.	1	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	11	n	1	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	19	1	n	n	n	15	2	2	n	n	12	1	n	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	8	n	n	n	n
Timbalier Bay	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	7	1	n	n	n	2	n	n	n	n	n	n	n	n
Texas Coastal Waters	36	2	n	n	n	2	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	22	4	4	n	n	n	n	n	n	n
MS Coastal Waters	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	2	n	n	n	n	17	1	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Stetson Bank	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	16	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	3	1	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	9	7	20	10	7	6	8	6	7	6	3	3	5	4	8	12	77	5
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	1	12	9	6	6	1	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	2	2	2	1	1	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	1	1	2	2	1	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	2	3	3	2	1	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	6	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	11	2	13	1	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	14	13	29	17	11	11	11	3	10	3	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	n	n	7	1	7	6	7	9	10	22	25	11	1
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	35	1
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	8	7	20	10	7	6	8	1	7	1	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	6	10	3	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	1	13	10	7	6	3	n	1	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	5	1	6	1	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	4	n	5	2	3	4	2	1	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	4	n	5	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	2	2	3	2	1	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	42	1	n	n	44	1	n	n	48	34	26	n	n	n	64	57	16	n	n	n	n	34	14	51	2
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	29	11	n	n	n	n	32	9	6	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	34	2	n	n	n	n	n	1
Texas Coastal Waters	59	3	1	n	68	3	n	n	73	60	45	1	n	n	95	87	31	n	n	n	n	60	26	79	7
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	1
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	2	n	n	9	n	n	n
Texas Maj. Beaches	39	1	n	n	44	n	n	n	48	21	20	n	n	n	64	57	16	n	n	n	n	34	14	49	2
Cameron County Bchs.	38	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	1	n	n	n	44	n	n	n	48	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	21	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	19	n	n	n	20	4	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	44	49	7	n	n	n	n	4	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	20	14	n	n	n	n	34	14	12	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	38	2
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Land	51	11	25	30	41	15	n	n	n	n	30	17	35	15	8	n	n	n	n	n	n	n	n	n	n	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Camada Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	13	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	64	15	37	45	67	29	n	n	n	n	56	37	55	30	19	n	n	n	n	n	n	n	n	n	n	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	38	7	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron Parish Bchs.	38	7	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	8	n	n	n	18	1	n	n	n	n	6	n	n	n	n	n	n	n	26	10	n	n	n	17	n	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	n	n	n	13	n	n	n	n	n	6	n	n	n	n	n	n	n	23	9	n	n	n	17	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	n	n	n	7	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	15	n	n	n	33	4	n	n	n	n	11	n	1	n	n	n	n	n	38	18	n	n	n	26	n	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	n	n	n	7	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	n	n	n	7	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
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** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	n	n	35	10	1	n	45	11	3	46	36	36	9	1	n	28	12	47	19	8	36	7	1	9	4	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	32	9	1	n	12	4	n	33	12	12	9	1	n	8	7	1	1	n	n	n	n	n	n	n
Barataria Bay	n	n	5	3	n	n	36	6	n	18	25	25	1	n	n	14	6	1	n	n	n	n	n	n	n	n
Camina da Headland	n	n	28	8	1	n	34	7	n	34	25	25	5	n	n	15	10	1	1	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	49	19	2	n	67	24	9	60	58	57	14	1	n	73	23	76	37	16	60	19	3	24	13	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	27	7	1	n	39	8	n	33	28	27	5	n	n	17	11	1	1	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	26	7	1	n	33	7	n	33	25	25	5	n	n	15	10	1	1	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	n	75	31	46	30	27	19	1
Tamaulipas, Mexico	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	2	14	4	n
Timbalier Bay	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	18	7	15	9	1	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n
LA Coastal Waters	n	90	50	23	15	3	n	n
MS Coastal Waters	n	n	n	65	26	7	n	n
Alabama Cstl. Waters	n	n	n	2	14	34	18	n
FL Panhandle Waters	n	n	n	n	n	n	20	7
Stetson Bank	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	62	23	7	1	n	40	10	12	1	n	38	16	2	1	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	11	1	n	n	n	3	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	16	5	1	n	n
Timbalier Bay	n	n	n	n	n	3	3	4	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	2	1	2	n	n	n	n	n	n	n
Camada Headland	n	n	n	n	n	3	2	3	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	6	1	1	n	n	10	4	1	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	9	5	1	n	1	5	n	n	n	n	n	n	n	n
Texas Coastal Waters	72	30	10	1	n	10	n	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	38	13	16	2	n	17	10	2	1	n
MS Coastal Waters	n	n	n	n	n	3	n	n	n	n	8	3	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	2	n	n	n	n	32	13	1	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	3	3	n	n	n
Stetson Bank	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	54	19	5	1	n	7	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	3	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	16	10	2	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	8	4	1	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	8	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	9	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	12	1	n	n	n	3	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	3	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	7	2	4	n	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	5	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
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Table B-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	34	24	45	33	23	17	22	16	18	15	9	10	13	13	29	37	94	18
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	2	14	15	14	12	11	5	7	3	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	5	7	8	7	9	4	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	1	2	3	5	8	3	n	n
Camada Headland	n	n	n	n	n	n	n	n	n	n	4	4	4	7	12	3	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	14	13	8
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	1	n	3	13	6	16	5	3	3	n	n	n	n	n	n	n	n
Texas Coastal Waters	39	30	51	38	28	23	26	14	21	11	n	n	n	n	n	n	n	n
LA Coastal Waters	n	n	n	n	n	n	n	7	2	9	13	14	17	19	41	43	20	21
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	36
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	1	2	1	2	1	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	30	22	42	31	23	17	22	10	17	8	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	3	2	5	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	9	13	6	3	2	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	10	14	13	10	6	3	n	2	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	1	15	15	16	13	14	6	8	4	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	7	5	9	4	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	5	n	6	4	4	5	6	13	3	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	5	n	6	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	4	4	4	6	12	3	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Land	74	29	12	4	90	47	16	2	91	83	69	21	8	2	94	91	52	2	n	n	11	81	44	90	29	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	32	24	1	n	n	2	57	30	27	14	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	42	11	4	2	n	1	n	2
Texas Coastal Waters	77	35	19	6	93	59	25	3	95	91	81	31	13	3	99	97	65	4	n	n	16	92	57	95	36	
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	2
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	6	n	n	10	n	2	n	1
Texas Maj. Beaches	66	25	10	3	87	39	11	1	90	60	50	14	5	1	86	87	50	2	n	n	9	80	44	87	28	
Cameron County Bchs.	53	15	5	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	12	10	5	1	86	29	4	n	89	14	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	1	9	6	1	1	45	18	4	1	n	6	3	2	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	1	1	n	1	28	8	2	1	35	19	10	n	n	n	4	6	2	1	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	1	2	1	1	45	59	22	1	n	n	3	25	9	6	2	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	23	26	1	n	n	2	61	36	38	17	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	45	9	
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	86	37	56	65	70	41	5	1	3	n	61	51	62	51	38	10	12	1	1	n	n	12	2	n	n
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	10	6	2	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	3	6	5	10	n	n	n	n	n	1	n	2	3	1	n	n	n	n	n
Texas Coastal Waters	39	27	18	13	10	7	1	n	1	1	4	4	1	5	1	2	2	n	n	n	n	n	2	n	n
LA Coastal Waters	68	24	52	68	82	47	6	1	3	n	73	61	77	60	47	11	13	2	1	n	n	15	3	1	n
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	1	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	32	18	11	7	5	4	n	n	n	n	1	2	n	2	1	1	1	n	n	n	n	1	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	13	7	4	3	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	19	11	8	5	4	2	n	n	n	n	1	2	n	2	1	1	1	n	n	n	n	1	n	n	n
Louisiana Rec. Bchs.	43	12	15	14	8	7	1	n	1	n	7	6	2	9	7	1	2	n	n	n	n	1	n	n	n
Cameron Parish Bchs.	43	12	15	14	8	7	1	n	1	n	7	6	2	9	7	1	2	n	n	n	n	1	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
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Table B-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	31	3	1	n	42	22	7	3	2	1	22	4	13	4	3	9	4	1	42	24	5	1	n	33	5	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	n	n	n	14	n	n	n	n	n	6	n	n	2	2	n	n	n	25	11	1	n	n	20	3	
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	3	5	1	n	n	8	1	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	1	1	3	6	n	n	n	n	n	n	n	n	n	n	n	1	5	n	n	
Texas Coastal Waters	1	n	n	n	1	2	n	n	n	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	38	4	1	n	54	28	10	4	3	1	30	4	19	5	5	12	5	2	55	33	6	2	1	41	7	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	3	n	n	n	2	3	1	n	n	1	2	n	2	1	n	1	n	n	3	4	1	n	n	7	n	
Cameron Parish Bchs.	3	n	n	n	2	3	1	n	n	1	2	n	1	n	n	1	n	n	1	1	n	n	n	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	2	4	1	n	n	7	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	3	n	50	28	14	2	70	37	25	58	61	61	24	7	1	56	33	70	50	32	61	41	22	44	33	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	
Timbalier Bay	1	n	38	18	9	1	21	18	10	35	25	23	17	5	n	23	20	15	16	11	6	4	1	6	6	
Barataria Bay	n	n	6	5	5	1	48	15	6	20	35	34	2	n	n	25	11	8	13	6	2	2	1	3	4	
Camina da Headland	1	n	31	10	7	1	46	20	10	35	35	36	7	4	n	29	18	13	18	12	5	5	2	5	6	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	7	3	9	5
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LA Coastal Waters	3	1	64	36	19	3	81	46	33	71	73	73	32	9	1	82	43	87	61	42	80	55	30	58	44	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	1	n	29	10	7	1	53	21	11	35	40	39	8	4	n	31	19	14	19	13	5	5	2	5	6	
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	1	n	29	10	7	1	45	19	10	34	35	35	7	4	n	28	17	13	17	12	4	4	2	5	6	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	6	97	61	83	73	63	46	17	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	3	16	11	2	
Timbalier Bay	1	n	2	n	n	n	n	n	n
Barataria Bay	1	n	1	n	n	n	n	n	n
Camada Headland	2	n	1	n	n	n	n	n	n
Chandeleur/Breton	n	19	16	33	37	23	5	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	n	n
Texas Coastal Waters	n	n	n	n	n	n	n	n	n
LA Coastal Waters	9	91	78	45	51	34	8	n	
MS Coastal Waters	n	n	1	70	35	19	5	n	
Alabama Cstl. Waters	n	n	n	2	16	39	32	8	
FL Panhandle Waters	n	n	n	n	n	n	27	24	
Stetson Bank	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	n	n	n	n	n	n	n	n	n
Cameron County Bchs.	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	n
Galveston Rec. Bchs.	n	n	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	2	n	1	n	n	n	n	n	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	2	n	1	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	91	66	43	19	6	75	38	31	10	7	81	66	25	14	6
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	15	4	3	1	n	13	6	1	n	n	n	n	n	n	n
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	1	n	n	n	n	18	8	2	n	n
Timbalier Bay	n	n	n	n	n	3	4	7	2	n	1	2	3	3	n
Barataria Bay	n	n	n	n	n	2	2	3	1	n	1	1	1	1	n
Camada Headland	n	n	n	n	n	3	3	6	2	n	1	2	2	2	1
Chandeleur/Breton	n	n	n	n	n	8	3	2	n	n	25	22	5	2	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	4	8	n	n	n	2	6
Flower Gardens NMS	1	11	9	5	1	2	8	2	1	n	n	n	n	n	n
Texas Coastal Waters	92	69	45	21	5	33	19	5	1	n	n	n	n	n	n
LA Coastal Waters	n	1	1	n	n	45	25	31	8	n	44	47	21	14	3
MS Coastal Waters	n	n	n	n	n	4	1	1	n	n	12	8	2	1	n
Alabama Cstl. Waters	n	n	n	n	n	3	1	1	n	n	38	23	5	1	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	5	8	3	n	n
Stetson Bank	1	2	1	1	n	1	1	n	n	n	n	n	n	n	n
Texas Maj. Beaches	79	56	36	16	4	30	15	3	n	n	n	n	n	n	n
Cameron County Bchs.	4	3	3	1	1	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	23	27	17	6	1	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	13	11	8	3	n	1	1	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	13	7	4	3	1	3	2	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	14	5	3	2	n	6	3	1	n	n	n	n	n	n	n
Galveston Rec. Bchs.	16	5	3	1	n	15	6	2	n	n	n	n	n	n	n
Jefferson Rec. Bchs.	1	n	n	n	n	7	3	1	n	n	n	n	n	n	n
Louisiana Rec. Bchs.	n	n	n	n	n	10	5	8	2	n	1	2	3	3	1
Cameron Parish Bchs.	n	n	n	n	n	7	2	2	n	n	n	n	n	n	n
LaFourche Rec. Bchs.	n	n	n	n	n	3	3	5	2	n	1	2	2	2	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	78	44	79	63	47	47	51	46	45	43	23	23	27	27	51	52	99	48	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	3	16	20	18	19	19	17	17	14	3	1	1	n	1	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	7	8	10	9	11	7	n	4
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	2	3	5	6	9	4	n	2
Cami nada Headland	n	n	n	n	n	n	n	n	n	n	n	5	6	7	8	13	5	n	3
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	15	14	14
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1
Flower Gardens NMS	1	6	1	8	16	9	18	9	6	7	2	1	1	n	1	1	n	1	
Texas Coastal Waters	80	47	80	63	49	46	52	42	44	36	8	5	4	3	3	1	n	1	
LA Coastal Waters	n	n	n	n	n	2	1	9	4	12	21	23	28	28	56	53	20	42	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	37	5	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	9	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	
Stetson Bank	n	1	n	1	4	2	2	2	2	1	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	68	38	69	56	43	43	46	38	40	32	6	3	4	2	2	1	n	n	
Cameron County Bchs.	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	55	4	10	4	1	2	2	1	1	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	10	7	16	9	4	5	4	2	4	2	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	1	13	17	11	8	7	4	5	2	3	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	13	16	18	16	14	12	7	8	6	1	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	2	16	20	19	20	22	19	19	17	3	1	2	1	1	n	n	n	
Jefferson Rec. Bchs.	n	n	n	n	n	n	7	6	10	6	3	2	1	n	1	n	n	n	
Louisiana Rec. Bchs.	n	n	n	n	n	1	n	6	1	7	7	8	9	9	17	6	n	4	
Cameron Parish Bchs.	n	n	n	n	n	1	n	6	1	7	2	2	2	1	2	1	n	n	
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	5	5	6	7	13	5	n	3	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	92	81	73	63	99	95	79	44	99	99	95	70	54	33	99	99	90	41	15	6	59	99	87	**	78
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	n	n	n	n	n	n	n	2	n	n	1	3	4	3	1	32	29	9	4	2	9	60	42	29	33
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	n	n	n	n	n	n	4	n	n	n	2	5	9	n	n	n	45	17	9	7	n	1	n	5
Texas Coastal Waters	90	80	76	66	**	96	83	47	99	**	97	73	57	37	99	99	93	44	16	5	63	99	89	98	81
LA Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	2
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	n	n	n	1	n	n	n	1	1	2	n	n	5	8	1	1	11	n	2	n	2
Texas Maj. Beaches	81	72	65	54	96	81	65	35	98	74	70	54	41	27	90	93	82	37	13	4	51	95	81	96	73
Cameron County Bchs.	57	23	12	7	n	3	3	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	22	43	46	33	95	62	37	10	97	24	13	10	7	4	3	2	5	2	1	n	6	2	2	n	2
Calhoun Rec. Bchs.	1	5	6	10	2	15	20	12	1	48	27	20	13	7	8	5	10	7	2	1	11	3	5	1	3
Matagorda Rec. Bchs.	n	1	1	3	n	1	3	8	n	1	29	16	11	7	35	21	19	9	2	1	15	12	12	3	10
Brazoria Rec. Bchs.	n	n	n	1	n	n	1	4	n	n	1	6	7	6	45	60	29	11	3	1	14	28	23	9	17
Galveston Rec. Bchs.	n	n	n	n	n	n	n	1	n	n	1	3	4	4	n	23	31	9	5	2	9	63	47	41	37
Jefferson Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	1	45	12
Louisiana Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Cameron Parish Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	82	90	92	94	79	46	31	46	31	89	83	85	84	76	52	52	29	19	12	5	52	26	12	5
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	15	23	18	13	10	15	14	10	16	10	10	11	6	11	12	15	14	8	4	3	2	13	6	1	1
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Timbalier Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	1	n
Barataria Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Camina da Headland	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	n	2	1	1	1	1	8	11	9	16	1	2	2	1	2	6	7	8	7	10	7	5	5	7	4
Texas Coastal Waters	44	63	45	34	28	40	39	29	42	33	27	29	18	32	32	39	35	23	16	12	5	33	15	5	3
LA Coastal Waters	68	27	54	69	82	52	15	8	11	4	76	66	80	65	55	21	24	13	9	4	1	27	16	10	3
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	2	n	n	1	n	3	2	1	3	1	n	1	2	1	2	1	2	2	1	n	1	n	1	1
Texas Maj. Beaches	44	60	43	31	26	35	31	22	34	25	24	26	15	28	29	34	30	18	12	9	4	28	13	4	2
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	1	2	2	1	1	1	1	1	2	2	n	1	n	1	1	1	1	1	1	n	n	n	n	n	n
Matagorda Rec. Bchs.	3	7	4	2	2	4	4	3	5	5	3	3	1	2	1	5	4	3	2	1	n	4	1	n	n
Brazoria Rec. Bchs.	4	14	10	5	3	7	9	6	10	7	4	5	3	6	6	7	7	5	3	2	1	6	4	2	n
Galveston Rec. Bchs.	18	27	20	17	12	18	18	10	18	12	12	15	7	13	15	18	17	8	5	3	2	15	7	2	2
Jefferson Rec. Bchs.	20	14	12	8	8	8	4	3	5	2	6	5	4	10	8	5	5	2	2	2	n	6	3	1	n
Louisiana Rec. Bchs.	43	13	16	15	9	11	4	2	4	1	10	9	6	12	12	5	6	2	2	2	n	6	4	3	n
Cameron Parish Bchs.	43	13	16	15	9	11	4	2	4	1	10	9	6	12	12	5	6	2	2	2	n	6	3	2	n
LaFourche Rec. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	65	27	13	6	74	62	45	36	38	41	55	24	50	25	21	44	28	16	74	55	27	22	23	63	29	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Galveston & W. Bays	8	4	1	n	9	12	11	8	11	14	7	3	8	2	2	10	4	1	8	6	3	4	6	7	2	
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Timbalier Bay	n	3	2	1	14	n	1	1	n	n	7	3	1	4	6	1	3	3	25	12	3	2	n	20	5	
Barataria Bay	n	1	n	n	n	n	n	n	n	n	n	1	n	1	n	n	1	n	n	n	n	n	n	n	1	1
Camina da Headland	n	1	1	1	n	n	1	n	n	n	1	1	n	2	3	1	1	2	3	5	1	1	n	8	2	
Chandeleur/Breton	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Keys NMS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Flower Gardens NMS	3	4	2	1	3	3	6	7	9	11	3	3	3	3	3	5	3	2	2	3	3	5	10	2	3	
Texas Coastal Waters	25	13	4	1	21	32	29	27	32	39	22	11	27	10	5	26	13	4	22	18	12	12	21	18	12	
LA Coastal Waters	49	19	12	5	63	40	23	18	12	6	43	19	34	22	19	25	20	15	65	46	22	15	6	54	24	
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Stetson Bank	2	1	1	n	n	1	2	1	1	2	1	1	1	1	n	2	1	n	n	1	n	1	2	1	1	
Texas Maj. Beaches	23	10	3	1	19	29	25	21	25	32	17	6	22	7	4	22	10	3	17	15	8	10	17	16	8	
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	1	1	1	1	1	1	2	n	n	1	1	n	1	n	n	n	n	n	n	2	1	n
Matagorda Rec. Bchs.	2	1	1	n	2	2	3	3	5	5	2	n	3	n	n	2	1	n	1	1	n	1	3	1	1	
Brazoria Rec. Bchs.	5	2	n	n	4	5	5	6	5	9	2	2	3	1	1	3	2	1	4	3	2	3	4	4	1	
Galveston Rec. Bchs.	9	5	1	n	10	15	13	9	12	15	10	4	11	3	2	12	6	2	8	8	4	4	7	9	4	
Jefferson Rec. Bchs.	7	3	2	n	4	8	5	4	5	3	5	2	6	2	1	5	2	1	5	4	2	3	3	4	2	
Louisiana Rec. Bchs.	8	6	2	1	9	9	5	5	3	4	9	5	8	5	5	7	6	4	9	10	5	3	2	13	6	
Cameron Parish Bchs.	8	4	1	n	9	9	5	5	3	4	8	4	7	3	2	6	5	2	7	6	4	2	2	5	4	
LaFourche Rec. Bchs.	n	1	1	1	n	n	1	n	n	n	1	1	n	2	3	n	1	2	2	4	1	1	n	7	2	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	17	7	75	54	37	13	84	62	47	80	81	80	52	26	10	78	60	82	69	54	80	71	60	73	61
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
W. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
C. Winter Menhaden	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Big Bend Seagrass	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Galveston & W. Bays	1	n	5	5	2	1	1	4	2	5	2	3	5	2	n	5	3	2	2	2	1	n	n	n	1
Aransas Refuge	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	2	n	n
Timbalier Bay	4	1	39	19	13	4	22	20	14	35	25	23	18	7	4	24	22	16	17	14	8	8	5	9	10
Barataria Bay	2	1	6	5	7	2	48	16	9	20	35	34	3	2	1	25	12	8	14	9	3	5	4	4	6
Camina da Headland	2	1	31	11	11	3	46	21	13	35	36	36	8	6	2	30	20	13	19	14	7	9	5	7	12
Chandeleur/Breton	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	1	11	14	12	14	10
Florida Middle Grnd.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys NMS	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Gardens NMS	2	1	1	2	n	n	1	1	n	2	1	1	2	2	1	2	1	1	1	n	1	1	n	1	n
Texas Coastal Waters	3	n	13	13	7	1	6	8	6	13	9	8	14	7	1	9	11	5	6	5	2	1	2	2	2
LA Coastal Waters	16	6	73	52	36	13	87	62	48	79	81	81	48	23	9	88	59	91	73	57	88	75	60	76	67
MS Coastal Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	4	3	3
Alabama Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	5	1	n
FL Panhandle Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Stetson Bank	n	n	n	n	1	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Texas Maj. Beaches	2	n	11	9	5	1	4	7	4	11	7	7	10	5	1	9	9	4	5	4	1	1	1	1	1
Cameron County Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Calhoun Rec. Bchs.	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	1	n	1	1	n	n	n	n	1	1	n	n	n	n	n	n	n	n
Brazoria Rec. Bchs.	1	n	2	2	1	n	2	1	1	2	2	2	2	n	n	3	1	n	n	1	n	n	n	n	n
Galveston Rec. Bchs.	1	n	6	6	3	1	2	4	3	6	3	4	7	3	n	5	5	2	3	2	1	n	1	n	1
Jefferson Rec. Bchs.	n	n	3	2	1	n	1	1	1	3	2	2	2	1	1	2	3	1	2	2	n	n	n	1	n
Louisiana Rec. Bchs.	4	1	35	15	14	3	55	27	17	38	44	44	13	8	3	35	25	16	23	18	8	10	7	8	13
Cameron Parish Bchs.	1	n	6	4	3	n	2	4	2	4	4	5	4	2	n	4	4	1	3	2	1	1	1	1	1
LaFourche Rec. Bchs.	2	1	29	11	11	3	45	20	13	34	35	36	8	6	2	28	19	13	18	14	6	8	5	7	11

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table B-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 1) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	26	99	84	98	96	93	81	51	
Tamaulipas, Mexico	n	n	n	n	n	n	n	n	
W. Winter Menhaden	n	n	n	n	n	n	n	n	
C. Winter Menhaden	n	n	n	n	n	n	n	n	
Big Bend Seagrass	n	n	n	n	n	n	n	n	
Galveston & W. Bays	n	n	1	n	n	n	n	n	
Aransas Refuge	n	n	n	n	n	n	n	n	
Mobile Bay	n	n	n	1	3	17	15	7	
Timbalier Bay	5	n	3	n	n	n	n	1	
Barataria Bay	4	n	2	n	n	n	n	1	
Camina da Headland	5	n	3	n	n	n	1	1	
Chandeleur/Breton	3	20	21	35	42	30	13	7	
Florida Middle Grnd.	n	n	n	n	n	n	n	n	
Florida Keys NMS	1	n	n	n	n	n	n	n	
Flower Gardens NMS	n	n	n	n	n	n	n	n	
Texas Coastal Waters	1	n	2	n	n	n	n	n	
LA Coastal Waters	28	91	87	48	56	48	26	16	
MS Coastal Waters	1	n	2	71	37	23	9	4	
Alabama Cstl. Waters	n	n	1	2	16	41	40	19	
FL Panhandle Waters	n	n	n	n	n	1	31	35	
Stetson Bank	n	n	n	n	n	n	n	n	
Texas Maj. Beaches	1	n	1	n	n	n	n	n	
Cameron County Bchs.	n	n	n	n	n	n	n	n	
Kenedy/et al. Bchs.	n	n	n	n	n	n	n	n	
Calhoun Rec. Bchs.	n	n	n	n	n	n	n	n	
Matagorda Rec. Bchs.	n	n	n	n	n	n	n	n	
Brazoria Rec. Bchs.	n	n	n	n	n	n	n	n	
Galveston Rec. Bchs.	n	n	1	n	n	n	n	n	
Jefferson Rec. Bchs.	1	n	n	n	n	n	n	n	
Louisiana Rec. Bchs.	6	n	3	n	n	n	1	1	
Cameron Parish Bchs.	1	n	n	n	n	n	n	n	
LaFourche Rec. Bchs.	5	n	3	n	n	n	1	1	

Note: Hypothetical Spill Locations: L# = subareas

T# = hypothetical shuttle tanker route segments

#(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Appendix C

Seasonal Conditional Probabilities of Contact to Environmental Resources (Set 2)

Table C-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	21	1	n	n	n	15	2	2	n	n	15	1	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	1	n	n	n	n	15	1	n	n	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	3	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	14	1	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
Sabine Lake	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Matagorda Bay	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	6	1	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	6	2	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	12	6	17	10	7	6	7	5	6	6	3	3	2	3	10	8	79	5
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	39	2
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	38	2
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	38
Sabine Lake	n	n	n	n	n	n	3	1	3	1	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	39	1	n	n	63	2	n	n	59	42	23	n	n	n	62	52	16	n	n	n	n	35	16	53	3
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	2	n	n	n	27	n	n	n	36	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	20	1
Matagorda Bay	n	n	n	n	n	n	n	n	n	31	7	n	n	n	1	1	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	24	1	n	n	12	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Land	55	15	27	30	43	19	n	n	n	n	36	19	35	19	9	1	1	n	n	n	n	1	n	n	n	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sabine Lake	4	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	11	n	n	n	21	1	n	n	n	n	10	n	1	n	n	n	n	n	26	13	n	n	n	17	n	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

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Table C-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	n	n	33	9	n	n	41	11	7	48	36	34	8	n	n	34	10	48	21	10	36	6	n	9	3
Jefferson Par. Bchs.	n	n	4	2	n	n	26	4	n	19	12	13	1	n	n	5	4	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	n	58	23	49	34	36	21	3	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	
Mississippi Beaches	n	1	n	48	30	13	n	n	
Hancock Co. Beaches	n	1	n	1	1	n	n	n	
Harrison Co. Beaches	n	n	n	3	1	n	n	n	
Jackson Co. Beaches	n	n	n	46	29	13	n	n	
Alabama Rec. Beaches	n	n	n	3	14	32	15	n	
Mobile Co. Beaches	n	n	n	3	14	26	1	n	
Baldwin Co. Beaches	n	n	n	n	n	17	15	n	
FL Panhandle Beaches	n	n	n	n	n	n	12	3	
Emerald Coast Bchs.	n	n	n	n	n	n	12	3	
Bay County Beaches	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	47	29	13	10	2	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	15	1	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	37	12	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	61	23	7	1	n	44	12	14	1	n	47	18	2	n	n
Jefferson Par. Bchs.	n	n	n	n	n	1	1	2	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	5	1	1	n	n	6	1	n	n	n
Hancock Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	4	1	n	n	n	5	1	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	3	1	n	n	n	41	14	1	n	n
Mobile Co. Beaches	n	n	n	n	n	2	n	n	n	n	12	4	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	1	1	n	n	n	34	11	1	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	9	7	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	9	7	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	12	7	2	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	5	1	1	n	n	12	7	n	n	n
Sabine Lake	1	n	n	n	n	3	n	n	n	n	n	n	n	n	n
Matagorda Bay	6	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	4	3	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	17	9	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	16	13	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	38	20	41	28	21	20	23	21	22	22	13	13	16	20	37	35	93	17	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	2	3	3	5	5	2	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	47	5
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	1
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	42	5
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	12
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	9
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	44	6
Sabine Lake	n	n	n	n	n	n	4	6	5	4	n	n	n	n	n	n	n	n	n
Matagorda Bay	4	2	4	2	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	76	41	23	6	94	53	12	1	95	86	62	12	3	1	88	86	49	1	n	n	4	81	47	88	31
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	23	15	9	2	39	11	n	n	55	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	22
Matagorda Bay	n	2	2	1	n	6	3	n	n	44	18	1	n	n	8	9	3	n	n	n	n	5	1	1	n
Corpus C./Aransas B.	1	4	1	n	34	9	1	n	25	8	2	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	88	45	67	70	76	52	13	3	10	2	69	60	66	61	53	19	22	4	1	n	n	23	4	1	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	11	9	7	5	4	4	1	1	1	n	2	3	n	2	2	1	1	n	n	n	n	1	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	40	6	1	n	53	33	16	10	7	4	29	6	20	7	5	16	6	2	52	31	7	3	n	39	11	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	1	n	n	n	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																										
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA		
Land	2	n	56	35	24	6	72	50	40	66	66	65	32	14	1	67	42	72	57	46	65	35	15	39	29		
Jefferson Par. Bchs.	n	n	5	4	5	2	36	13	8	21	20	22	3	1	n	14	11	6	7	8	1	n	n	n	1		
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	4	6	4	5	2
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	1	n	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	n	2	1	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	4	4	2	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	4	1	1	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	1	1	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	4	5	4	5	2
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	4	88	53	81	71	66	50	25	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	8	7	68	53	28	3	n	n
Hancock Co. Beaches	n	4	1	7	4	1	n	n	n
Harrison Co. Beaches	n	4	3	10	8	2	n	n	n
Jackson Co. Beaches	n	2	4	57	46	26	3	n	n
Alabama Rec. Beaches	n	n	2	6	21	46	35	5	n
Mobile Co. Beaches	n	n	2	6	19	36	9	n	n
Baldwin Co. Beaches	n	n	1	1	3	22	31	5	n
FL Panhandle Beaches	n	n	n	n	n	1	24	23	n
Emerald Coast Bchs.	n	n	n	n	n	1	24	23	n
Bay County Beaches	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	4	7	62	51	28	22	18	n
Sabine Lake	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	1	n	n	2	27	11	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	1	3	47	37	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	90	64	42	19	7	81	53	51	20	8	74	54	27	16	8
Jefferson Par. Bchs.	n	n	n	n	n	1	1	4	1	n	n	1	2	1	1
Mississippi Beaches	n	n	n	n	n	8	2	3	1	n	13	9	6	2	1
Hancock Co. Beaches	n	n	n	n	n	1	n	1	n	n	2	1	1	n	n
Harrison Co. Beaches	n	n	n	n	n	3	1	1	n	n	2	1	1	1	n
Jackson Co. Beaches	n	n	n	n	n	5	2	2	n	n	10	8	4	1	1
Alabama Rec. Beaches	n	n	n	n	n	5	3	2	n	n	52	28	7	2	1
Mobile Co. Beaches	n	n	n	n	n	3	1	1	n	n	18	12	3	1	1
Baldwin Co. Beaches	n	n	n	n	n	2	2	1	n	n	41	20	5	1	1
FL Panhandle Beaches	n	n	n	n	n	1	1	1	n	n	16	16	4	1	2
Emerald Coast Bchs.	n	n	n	n	n	1	1	1	n	n	16	15	4	1	1
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	14	10	5	2	1	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	7	3	3	1	n	23	20	8	2	2
Sabine Lake	1	2	2	1	n	6	4	2	n	n	n	n	n	n	n
Matagorda Bay	10	6	4	2	1	1	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	6	5	2	1	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	1	1	1	n	n	23	17	4	n	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	1	1	1	5	7	25	25	7	5	7

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
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Table C-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	69	43	71	60	49	53	55	55	55	57	45	48	53	50	66	66	98	52
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	2	5	7	7	8	4	n	2
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	14	50	16
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	5	1
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	6	7	3
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	10	43	13
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	3	19
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	2	13
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	11
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	3
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	3
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	10	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	13	46	17
Sabine Lake	n	1	n	1	2	2	6	9	7	8	2	3	1	1	1	n	n	n
Matagorda Bay	9	4	9	4	3	3	3	2	1	1	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	16	1	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	4
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	2	n	8

Note: Hypothetical Spill Locations: L# = subareas
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Table C-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 30 days-- Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	94	89	77	59	99	89	59	34	99	98	85	58	41	27	97	97	84	41	18	8	49	96	84	99	80
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	31	29	19	11	41	17	3	2	57	5	1	1	1	1	n	1	1	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	1	1	n	n	n	1	1	2	n	n	1	5	2	n	3	n	3	23	9
Matagorda Bay	1	8	12	10	1	12	10	2	1	46	23	6	3	1	10	11	7	n	n	n	2	8	6	4	5
Corpus C./Aransas B.	5	11	10	3	35	13	3	n	26	10	2	1	n	n	2	2	1	n	n	n	n	n	1	1	1
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 30 days-- Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	84	93	95	96	86	62	46	60	41	92	91	93	93	87	69	69	49	37	30	15	70	48	30	16
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	11	12	11	7	5	8	8	6	8	7	5	7	3	4	6	10	9	5	5	3	2	8	5	4	1
Matagorda Bay	2	2	1	2	1	2	1	n	1	n	1	1	2	2	2	1	1	n	n	n	n	1	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	78	47	37	22	84	77	63	57	55	52	73	50	69	52	46	61	49	41	83	73	52	44	37	77	56	
Jefferson Par. Bchs.	n	n	1	n	n	n	n	n	n	n	n	1	n	1	2	n	n	1	n	n	1	1	n	1	1	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sabine Lake	6	4	3	1	6	6	6	5	6	8	4	3	7	3	2	5	3	3	5	5	3	5	5	4	3	
Matagorda Bay	1	n	n	n	1	1	n	n	n	n	1	n	1	n	n	1	n	n	1	1	n	n	n	1	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
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Table C-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 30 days-- Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	42	26	83	71	61	34	90	78	70	88	86	86	72	56	33	85	75	87	81	75	90	76	57	78	67	
Jefferson Par. Bchs.	1	1	5	5	7	6	36	14	11	21	21	22	3	2	3	14	12	7	9	10	2	n	1	1	3	
Mississippi Beaches	n	n	n	n	n	1	n	n	2	n	n	n	n	n	n	n	n	1	n	1	3	12	21	16	20	13
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	5	3	4	3
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	6	9	4	8	6
Jackson Co. Beaches	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	2	8	12	12	12	8
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	1	2	5	9	13	8	6
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	5	7	4	3
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	1	3	5	8	4	3
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	4	2	1
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	4	2	1
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	1	1	n	n	2	n	n	n	n	n	n	n	n	n	n	1	3	12	18	17	18	12
Sabine Lake	4	1	3	2	2	n	2	1	1	3	1	2	3	1	1	1	1	n	1	1	n	n	n	n	n	
Matagorda Bay	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	5	2	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	3	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	2	4	6	4	2

Note: Hypothetical Spill Locations: L# = subareas
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#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	33	98	85	97	93	87	73	53	
Jefferson Par. Bchs.	3	n	1	n	n	n	n	n	
Mississippi Beaches	3	13	21	73	60	35	7	3	
Hancock Co. Beaches	1	5	4	8	6	4	n	1	
Harrison Co. Beaches	1	6	7	13	11	6	1	n	
Jackson Co. Beaches	2	6	12	60	51	29	7	2	
Alabama Rec. Beaches	1	1	10	9	26	53	43	14	
Mobile Co. Beaches	1	1	7	7	22	39	13	3	
Baldwin Co. Beaches	n	1	4	3	6	27	36	12	
FL Panhandle Beaches	n	n	2	1	1	3	34	40	
Emerald Coast Bchs.	n	n	2	1	1	3	34	36	
Bay County Beaches	n	n	n	n	n	n	n	3	
Gulf County Beaches	n	n	n	n	n	n	n	1	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	3	10	19	66	58	34	33	27	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	2	1	2	4	33	16	
Saint Andrew's Bay	n	n	n	n	n	n	n	1	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	2	n	3	1	2	6	54	51	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	23	1	n	n	n	16	2	1	n	n	16	1	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	2	n	n	n	n	16	1	n	n	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	3	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	15	1	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
Sabine Lake	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	5	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	10	2	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	14	10	22	9	7	5	7	7	5	7	3	3	3	3	9	4	80	5
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	40	1
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	39	1
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	40
Sabine Lake	n	n	n	n	n	n	4	1	3	1	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	19	n	n	n	61	2	n	n	57	66	35	n	n	n	77	63	18	n	n	n	n	42	16	54	1
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	3	n	n	n	5	n	n	n	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	35
Matagorda Bay	n	n	n	n	n	n	n	n	n	60	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	33	n	n	n	34	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Land	68	17	37	43	56	21	n	n	n	n	40	22	51	19	10	n	n	n	n	n	n	n	n	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	14	n	n	n	38	2	n	n	n	n	16	n	3	n	n	n	n	n	44	18	n	n	n	26	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	n	n	37	9	1	n	37	11	2	55	41	39	8	n	n	42	9	54	14	4	19	1	n	1	1
Jefferson Par. Bchs.	n	n	7	1	n	n	21	4	n	20	10	10	n	n	n	5	4	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	n	35	12	52	36	37	21	3	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	52	32	14	n	n	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	
Harrison Co. Beaches	n	n	n	3	1	n	n	n	
Jackson Co. Beaches	n	n	n	51	31	14	n	n	
Alabama Rec. Beaches	n	n	n	3	11	33	17	n	
Mobile Co. Beaches	n	n	n	3	11	29	2	n	
Baldwin Co. Beaches	n	n	n	n	n	11	16	n	
FL Panhandle Beaches	n	n	n	n	n	n	11	3	
Emerald Coast Bchs.	n	n	n	n	n	n	11	3	
Bay County Beaches	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	52	31	14	7	3	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	15	2	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	39	11	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	65	29	9	n	n	51	18	19	2	n	56	20	2	1	n
Jefferson Par. Bchs.	n	n	n	n	n	1	1	3	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	6	1	n	n	n	8	3	n	n	n
Hancock Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	5	1	n	n	n	8	3	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	4	1	1	n	n	49	18	1	n	n
Mobile Co. Beaches	n	n	n	n	n	3	1	n	n	n	16	6	1	n	n
Baldwin Co. Beaches	n	n	n	n	n	2	1	n	n	n	41	14	1	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	9	5	1	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	9	5	1	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	6	1	n	n	n	13	6	1	n	n
Sabine Lake	2	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Matagorda Bay	7	8	3	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	5	3	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	19	7	1	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	1	n	n	n	n	25	15	2	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	43	23	49	27	21	19	22	22	22	29	19	21	33	26	46	27	91	21	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	2	2	8	7	11	4	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	48	8
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	6	1
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	45	8
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	13
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	10
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	7
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	48	8
Sabine Lake	n	n	n	n	1	1	8	3	6	4	n	n	n	n	n	n	n	n	n
Matagorda Bay	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	66	26	12	2	97	73	22	1	97	97	80	22	4	1	97	93	52	1	n	n	4	82	48	88	32
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	31	5	n	n	5	1	n	n	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	2	8	45	10
Matagorda Bay	2	7	4	1	3	28	9	n	2	79	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	8	6	1	n	39	4	n	n	47	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	92	55	80	83	89	66	26	11	23	5	80	69	83	68	60	35	38	13	4	2	n	38	15	3	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	4	4	3	2	1	1	1	n	1	n	n	1	n	1	1	1	1	n	n	n	n	1	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	55	19	6	1	72	49	32	23	19	17	57	19	41	17	10	32	20	7	76	54	20	10	3	61	22
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	2	2	n	n	n	3	1
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

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Table C-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																										
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA		
Land	6	1	74	50	41	5	81	64	48	82	80	78	48	31	7	82	58	78	62	49	35	12	10	13	15		
Jefferson Par. Bchs.	n	n	14	6	13	2	35	20	12	25	22	19	3	4	2	16	15	5	12	13	n	n	n	n	1		
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	5	4	5	2
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	2	1	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	2	1	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	3	2	1	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	4	2	1	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	3	2	1	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	3	4	2	
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	7	58	30	78	70	72	58	29	
Jefferson Par. Bchs.	1	n	n	n	n	n	n	n	n
Mississippi Beaches	n	5	9	74	61	36	3	n	
Hancock Co. Beaches	n	3	3	6	5	2	n	n	
Harrison Co. Beaches	n	3	3	10	11	5	n	n	
Jackson Co. Beaches	n	2	5	65	51	32	3	n	
Alabama Rec. Beaches	n	1	3	7	18	48	42	10	
Mobile Co. Beaches	n	1	2	6	17	40	8	1	
Baldwin Co. Beaches	n	n	1	1	2	18	37	10	
FL Panhandle Beaches	n	n	n	n	n	1	27	24	
Emerald Coast Bchs.	n	n	n	n	n	1	27	23	
Bay County Beaches	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	3	6	70	57	36	24	19	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	1	n	n	2	33	18	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	1	n	1	3	53	42	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

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Table C-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	91	73	54	23	10	85	69	64	32	14	75	50	36	24	21
Jefferson Par. Bchs.	n	n	n	n	n	2	2	6	3	1	n	n	1	2	n
Mississippi Beaches	n	n	n	n	n	9	3	4	1	n	13	11	8	6	3
Hancock Co. Beaches	n	n	n	n	n	1	n	1	n	n	1	1	1	1	n
Harrison Co. Beaches	n	n	n	n	n	3	1	1	n	n	2	2	2	1	1
Jackson Co. Beaches	n	n	n	n	n	7	2	3	n	n	12	10	7	4	2
Alabama Rec. Beaches	n	n	n	n	n	6	3	3	1	n	59	33	14	5	5
Mobile Co. Beaches	n	n	n	n	n	4	2	2	n	n	21	13	6	3	3
Baldwin Co. Beaches	n	n	n	n	n	3	2	2	n	n	47	24	9	3	4
FL Panhandle Beaches	n	n	n	n	n	1	1	1	n	n	16	14	12	4	11
Emerald Coast Bchs.	n	n	n	n	n	1	1	1	n	n	15	13	10	3	7
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	9	3	4	1	n	22	19	13	6	6
Sabine Lake	5	2	2	1	n	4	2	n	n	n	n	n	n	n	n
Matagorda Bay	9	13	6	1	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	6	3	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	1	1	1	n	n	24	15	7	2	3
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	1	n	2
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Florida Cstl. Waters	n	n	n	n	n	2	2	2	2	5	31	26	19	6	17

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	62	46	73	63	56	65	62	66	70	71	67	66	69	55	74	60	95	51	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	2	5	13	12	15	7	n	3
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	16	50	19
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	2	4
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	7	5
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	10	46	14
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	4	22
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	3	15
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	1	13
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	4
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	3
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	14	49	19
Sabine Lake	n	3	1	4	6	6	15	8	11	6	1	n	n	n	n	n	n	n	n
Matagorda Bay	14	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	n	5
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	1	7

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Land	98	85	65	33	**	96	60	25	**	**	95	66	45	30	99	99	82	54	44	26	54	98	82	98	78	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	32	7	1	n	5	1	n	n	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	1	n	n	n	1	n	n	1	2	3	2	n	1	5	6	4	2	5	4	12	46	17	
Matagorda Bay	9	23	15	9	4	37	12	n	3	80	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	13	10	2	n	39	4	n	n	47	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	87	96	97	99	93	82	69	81	69	97	96	96	95	91	84	84	73	64	57	41	85	74	63	44
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	4	8	5	3	3	3	4	4	4	4	2	3	1	3	3	2	2	3	1	1	2	3	3	1	1
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	89	77	66	49	92	89	83	77	75	76	87	74	83	68	67	84	76	63	93	86	74	70	64	87	72
Jefferson Par. Bchs.	n	n	1	1	n	n	n	n	n	n	1	n	n	3	4	n	n	1	2	2	1	1	n	3	2
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	1	3	n	n	1	2	2	3	5	1	2	1	1	1	1	2	1	1	1	1	1	2	2	n	1
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Land	65	53	90	83	74	36	93	85	78	94	92	91	83	75	52	93	86	90	84	76	67	52	48	54	55	
Jefferson Par. Bchs.	4	4	16	9	16	8	37	21	17	26	23	20	5	8	7	17	18	6	14	16	1	1	1	1	3	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	23	25	20	24	18
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	5	3	5	3
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	8	4	9	6
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	14	17	16	16	13
Alabama Rec. Beaches	n	n	n	n	n	1	n	n	1	n	n	n	n	n	n	n	n	n	1	1	1	13	18	17	17	12
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	7	12	11	11	9
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	7	9	10	8	5
FL Panhandle Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	6	5	4	4
Emerald Coast Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	5	4	4
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	21	26	21	24	18
Sabine Lake	n	n	n	1	1	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	6	4	5	3
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	7	9	10	8	8

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	38	79	64	91	86	85	74	57	
Jefferson Par. Bchs.	5	n	n	n	n	n	n	n	n
Mississippi Beaches	6	15	27	80	70	44	6	2	
Hancock Co. Beaches	1	6	6	7	7	3	n	n	
Harrison Co. Beaches	2	6	10	12	14	9	1	n	
Jackson Co. Beaches	3	7	17	70	57	37	6	2	
Alabama Rec. Beaches	3	7	15	11	25	53	50	23	
Mobile Co. Beaches	1	4	11	9	23	43	11	3	
Baldwin Co. Beaches	2	4	7	3	4	20	44	22	
FL Panhandle Beaches	1	2	3	2	2	4	33	42	
Emerald Coast Bchs.	1	2	3	2	2	4	32	40	
Bay County Beaches	n	n	n	n	n	n	1	2	
Gulf County Beaches	n	n	n	n	n	n	1	1	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	6	12	25	77	65	45	29	31	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	1	3	4	2	2	4	38	31	
Saint Andrew's Bay	n	n	n	n	n	n	1	1	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	2	4	7	3	5	7	59	57	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	14	n	n	n	n	10	1	1	n	n	6	n	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	1	n	n	n	n	1	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	1	n	n	n	n	5	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	2	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	4	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	4	1	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Land	12	6	14	7	6	4	7	5	6	5	1	1	2	2	3	4	75	3
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	35	1
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	34	1
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	35
Sabine Lake	n	n	n	n	n	n	5	n	4	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Land	22	n	n	n	50	1	n	n	50	48	23	n	n	n	63	47	13	n	n	n	n	30	13	44	1	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	2	n	n	n	17	1	n	n	26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	30	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	38	4	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	20	n	n	n	17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	52	11	19	22	37	10	n	n	n	n	25	11	33	5	3	n	n	n	n	n	n	n	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	8	n	n	n	16	1	n	n	n	n	7	n	n	n	n	n	n	n	19	7	n	n	n	10	n	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	n	n	13	n	n	n	26	2	n	31	25	22	n	n	n	28	2	43	6	1	19	3	n	4	4
Jefferson Par. Bchs.	n	n	1	n	n	n	18	n	n	12	10	10	n	n	n	3	n	n	1	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	n	41	18	41	19	17	11	1
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	41	16	8	1	n
Hancock Co. Beaches	n	n	n	2	1	n	n	n
Harrison Co. Beaches	n	n	n	3	2	n	n	n
Jackson Co. Beaches	n	n	n	39	15	8	1	n
Alabama Rec. Beaches	n	n	n	2	6	13	7	n
Mobile Co. Beaches	n	n	n	2	6	11	2	n
Baldwin Co. Beaches	n	n	n	n	1	5	6	n
FL Panhandle Beaches	n	n	n	n	n	n	5	1
Emerald Coast Bchs.	n	n	n	n	n	n	5	1
Bay County Beaches	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	40	16	8	5	1
Sabine Lake	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	1	5	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	29	6

Note: Hypothetical Spill Locations: L# = subareas
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Table C-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	60	22	5	n	n	34	6	7	1	n	44	15	2	1	n
Jefferson Par. Bchs.	n	n	n	n	n	1	1	1	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	4	n	n	n	n	14	5	n	n	n
Hancock Co. Beaches	n	n	n	n	n	1	n	n	n	n	2	1	n	n	n
Harrison Co. Beaches	n	n	n	n	n	2	n	n	n	n	3	2	n	n	n
Jackson Co. Beaches	n	n	n	n	n	3	n	n	n	n	11	3	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	2	n	n	n	n	27	8	n	n	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	14	3	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	17	6	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	5	3	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	5	3	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	7	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	4	n	n	n	n	17	5	n	n	n
Sabine Lake	1	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Matagorda Bay	8	5	1	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	4	2	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	10	4	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	1	n	n	n	n	19	13	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
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Table C-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	37	21	46	30	20	20	22	16	18	16	8	9	11	14	26	20	93	16	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	1	2	2	3	8	1	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	47	4
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	1
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	2
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	42	2
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	6	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	45	4
Sabine Lake	n	n	n	1	1	1	8	3	7	2	n	n	n	n	n	n	n	n	n
Matagorda Bay	3	2	8	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	12	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	43	8	3	1	95	56	17	1	95	96	75	21	10	2	94	89	46	2	n	n	8	77	43	90	25
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	12	1	n	n	25	11	5	n	37	3	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	41
Matagorda Bay	n	n	n	n	4	13	3	1	2	57	16	8	4	1	3	3	1	n	n	n	2	n	1	n	
Corpus C./Aransas B.	1	n	n	n	29	7	3	n	30	4	2	1	1	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	90	31	61	66	78	39	3	n	2	1	59	45	60	43	30	6	7	n	n	n	n	6	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	8	3	3	4	1	1	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	20	1	n	n	39	14	4	1	1	1	20	1	9	1	1	3	1	n	41	21	1	n	n	26	2
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	2	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	n	n	34	12	8	1	66	36	18	54	62	56	11	2	n	71	30	64	40	22	38	23	13	24	24
Jefferson Par. Bchs.	n	n	3	1	1	n	35	11	6	14	24	21	1	n	n	21	7	4	13	7	1	1	n	2	4
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	7	61	37	76	61	62	51	18
Jefferson Par. Bchs.	3	n	n	n	n	n	n	n
Mississippi Beaches	n	n	1	67	45	34	8	1
Hancock Co. Beaches	n	n	n	8	8	5	1	n
Harrison Co. Beaches	n	n	n	14	14	7	1	n
Jackson Co. Beaches	n	n	n	54	33	28	7	1
Alabama Rec. Beaches	n	n	n	6	14	31	32	9
Mobile Co. Beaches	n	n	n	5	12	23	13	1
Baldwin Co. Beaches	n	n	n	2	4	13	24	9
FL Panhandle Beaches	n	n	n	n	1	3	19	12
Emerald Coast Bchs.	n	n	n	n	1	3	19	11
Bay County Beaches	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	62	39	32	21	10
Sabine Lake	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	1	5	20	9
Saint Andrew's Bay	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	1	5	47	33

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	93	74	53	22	4	80	51	39	13	5	87	73	40	23	10
Jefferson Par. Bchs.	n	n	n	n	n	2	1	4	2	n	n	n	1	3	2
Mississippi Beaches	n	n	n	n	n	7	2	2	n	n	28	19	10	2	n
Hancock Co. Beaches	n	n	n	n	n	2	1	1	n	n	6	5	4	1	n
Harrison Co. Beaches	n	n	n	n	n	3	1	1	n	n	9	7	4	n	n
Jackson Co. Beaches	n	n	n	n	n	4	1	1	n	n	20	11	4	1	n
Alabama Rec. Beaches	n	n	n	n	n	4	2	1	n	n	35	23	7	2	n
Mobile Co. Beaches	n	n	n	n	n	2	1	1	n	n	18	8	3	1	n
Baldwin Co. Beaches	n	n	n	n	n	2	1	1	n	n	21	17	5	1	n
FL Panhandle Beaches	n	n	n	n	n	2	1	1	n	n	20	21	5	1	n
Emerald Coast Bchs.	n	n	n	n	n	1	1	1	n	n	17	20	4	1	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	10	10	7	3	1	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	7	2	2	n	n	35	28	9	2	n
Sabine Lake	3	n	n	n	n	5	2	1	n	n	n	n	n	n	n
Matagorda Bay	11	14	11	5	1	1	2	1	n	n	n	n	n	n	n
Corpus C. /Aransas B.	6	6	4	2	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	1	1	1	n	n	15	16	4	1	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	2	1	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	3	2	1	1	8	31	35	11	2	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																			
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18		
Land	66	56	84	72	59	57	63	59	57	58	30	29	39	41	57	54	99	54		
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	1	2	6	7	17	4	n	3	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	10	50	12	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	3	4	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	7	5	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	44	6	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	13	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	9	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	7	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	5	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	5	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	13	3	6	3	2	1	2	1	1	1	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	48	12
Sabine Lake	n	1	n	1	2	3	9	5	9	5	2	2	1	1	1	n	n	n	n	
Matagorda Bay	10	9	13	8	7	6	6	4	5	4	1	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	16	2	2	2	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	1	10	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	90	70	52	34	99	95	82	44	**	**	98	85	72	48	**	**	90	54	38	18	68	98	86	99	80
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	24	12	9	6	27	23	14	7	39	4	2	7	8	6	1	1	2	2	2	1	4	n	1	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	2	n	n	1	5	7	42	8
Matagorda Bay	6	11	11	4	4	22	20	11	2	58	19	20	14	13	4	3	5	9	9	3	14	n	3	1	4
Corpus C./Aransas B.	9	9	4	4	29	10	10	4	31	5	3	5	6	6	n	n	1	2	1	1	3	n	1	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	99	85	94	95	97	88	71	55	67	56	92	90	90	88	85	73	74	44	30	26	17	72	40	20	11
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	9	8	6	5	2	7	6	2	5	2	3	4	2	3	4	6	5	2	2	n	n	7	2	1	n
Matagorda Bay	1	2	n	n	n	1	2	5	5	5	n	1	1	1	1	2	1	4	3	4	4	2	3	3	2
Corpus C./Aransas B.	n	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	1	1	1	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	71	43	23	10	80	72	67	64	60	66	67	43	61	37	29	64	46	27	76	63	45	32	39	63	36	
Jefferson Par. Bchs.	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	n	n	n	3	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	4	2	1	1	3	5	6	5	6	4	3	3	5	3	3	5	3	1	3	3	3	2	2	3	3	
Matagorda Bay	1	2	1	n	1	1	2	3	3	5	n	1	1	1	n	2	1	n	n	n	1	3	4	n	1	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	26	13	70	55	46	26	86	71	55	81	86	84	49	33	13	87	69	81	70	55	70	61	57	61	61
Jefferson Par. Bchs.	n	n	5	3	3	3	38	17	14	16	27	26	2	1	n	23	14	7	19	15	3	3	1	4	10
Mississippi Beaches	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	2	1	n	10	11	11	10	4
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	4	4	4	4	2
Harrison Co. Beaches	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	1	n	4	4	4	4	2
Jackson Co. Beaches	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	n	n	5	6	6	4	1
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	6	5	8	4	2
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	2	3	2	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	3	3	6	3	1
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	2	1	4	2	1
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	2	1	4	1	1
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	2	1	n	8	9	11	8	3
Sabine Lake	2	1	2	3	2	1	1	1	1	2	1	1	3	2	n	1	2	n	1	1	1	1	n	1	1
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	5	2	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	6	4	8	4	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	34	84	75	94	90	92	88	70	
Jefferson Par. Bchs.	9	n	n	n	n	n	n	n	
Mississippi Beaches	1	10	15	75	56	46	15	7	
Hancock Co. Beaches	n	5	6	10	11	9	2	1	
Harrison Co. Beaches	n	6	5	17	20	11	4	2	
Jackson Co. Beaches	n	4	7	59	39	35	11	5	
Alabama Rec. Beaches	1	4	7	11	23	39	38	20	
Mobile Co. Beaches	n	2	3	8	17	28	17	6	
Baldwin Co. Beaches	1	2	5	5	10	17	27	16	
FL Panhandle Beaches	n	2	4	2	5	11	36	40	
Emerald Coast Bchs.	n	2	4	2	4	10	33	37	
Bay County Beaches	n	n	n	n	n	1	2	2	
Gulf County Beaches	n	n	n	n	n	1	1	1	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	1	9	11	70	51	45	32	29	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	1	4	2	3	9	25	18	
Saint Andrew's Bay	n	n	n	n	1	1	1	2	
Saint Joseph's Bay	n	n	n	n	n	1	1	1	
Florida Cstl. Waters	1	6	9	4	10	13	57	59	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	19	1	n	n	n	15	2	2	n	n	12	1	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	1	n	n	n	n	11	1	n	n	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	4	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	11	1	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Matagorda Bay	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C. /Aransas B.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	3	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	9	7	20	10	7	6	8	6	7	6	3	3	5	4	8	12	77	5	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	1	1	2	2	1	n	n	n	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	37	2	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	35	2	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	36	2
Sabine Lake	n	n	n	n	n	n	4	1	5	1	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	42	1	n	n	44	1	n	n	48	34	26	n	n	n	64	57	16	n	n	n	n	34	14	51	2
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	1	n	n	n	30	n	n	n	39	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	24
Matagorda Bay	n	n	n	n	n	n	n	n	n	25	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	11	n	n	n	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Land	51	11	25	30	41	15	n	n	n	n	30	17	35	15	8	n	n	n	n	n	n	n	n	n	n	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	8	n	n	n	18	1	n	n	n	n	6	n	n	n	n	n	n	n	26	10	n	n	n	17	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	n	n	35	10	1	n	45	11	3	46	36	36	9	1	n	28	12	47	19	8	36	7	1	9	4
Jefferson Par. Bchs.	n	n	4	2	n	n	33	5	n	17	19	19	1	n	n	12	5	1	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 3 days--Cont.

Environmental Resource	<u>Hypothetical Spill Location</u>							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Land	n	75	31	46	30	27	19	1
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	46	27	11	n	n
Hancock Co. Beaches	n	n	n	1	n	n	n	n
Harrison Co. Beaches	n	n	n	4	1	n	n	n
Jackson Co. Beaches	n	n	n	43	26	11	n	n
Alabama Rec. Beaches	n	n	n	2	11	23	14	n
Mobile Co. Beaches	n	n	n	2	11	19	2	n
Baldwin Co. Beaches	n	n	n	n	1	11	14	n
FL Panhandle Beaches	n	n	n	n	n	n	10	1
Emerald Coast Bchs.	n	n	n	n	n	n	10	1
Bay County Beaches	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	45	27	11	8	1
Sabine Lake	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	12	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	26	9

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	62	23	7	1	n	40	10	12	1	n	38	16	2	1	n
Jefferson Par. Bchs.	n	n	n	n	n	2	1	2	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	4	n	n	n	n	10	4	n	n	n
Hancock Co. Beaches	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	2	n	n	n	n	2	1	n	n	n
Jackson Co. Beaches	n	n	n	n	n	3	n	n	n	n	9	3	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	2	n	n	n	n	26	10	1	n	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	14	5	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	20	7	1	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	2	2	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	2	2	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	12	7	2	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	3	n	n	n	n	10	5	n	n	n
Sabine Lake	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n
Matagorda Bay	8	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	4	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	5	4	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	4	4	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Land	34	24	45	33	23	17	22	16	18	15	9	10	13	13	29	37	94	18	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	1	1	2	3	7	2	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	45	6	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	1	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	8	2	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	38	4	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	42	5
Sabine Lake	n	n	n	n	n	n	4	3	6	3	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	3	6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Land	74	29	12	4	90	47	16	2	91	83	69	21	8	2	94	91	52	2	n	n	11	81	44	90	29
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	14	10	5	1	60	16	2	n	73	6	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	26
Matagorda Bay	n	n	n	n	n	1	3	1	n	32	28	9	3	n	10	6	3	n	n	n	1	2	1	n	n
Corpus C./Aransas B.	n	n	n	n	20	13	2	n	10	8	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Land	86	37	56	65	70	41	5	1	3	n	61	51	62	51	38	10	12	1	1	n	n	12	2	n	n
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	14	8	7	5	4	3	n	n	n	n	1	1	n	1	1	1	1	n	n	n	n	1	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Land	31	3	1	n	42	22	7	3	2	1	22	4	13	4	3	9	4	1	42	24	5	1	n	33	5	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
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** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Land	3	n	50	28	14	2	70	37	25	58	61	61	24	7	1	56	33	70	50	32	61	41	22	44	33
Jefferson Par. Bchs.	n	n	4	3	4	1	42	12	6	18	27	26	2	n	n	20	9	7	11	6	2	2	1	3	3
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	1	2	1
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	1
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	1
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	1	1
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Matagorda Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	6	97	61	83	73	63	46	17	
Jefferson Par. Bchs.	1	n	n	n	n	n	n	n	
Mississippi Beaches	n	2	3	63	46	29	7	n	
Hancock Co. Beaches	n	2	2	9	8	3	n	n	
Harrison Co. Beaches	n	1	1	12	8	6	1	n	
Jackson Co. Beaches	n	n	1	50	35	24	6	n	
Alabama Rec. Beaches	n	n	n	2	13	30	30	7	
Mobile Co. Beaches	n	n	n	2	13	24	8	1	
Baldwin Co. Beaches	n	n	n	n	1	13	26	6	
FL Panhandle Beaches	n	n	n	n	n	n	17	13	
Emerald Coast Bchs.	n	n	n	n	n	n	17	13	
Bay County Beaches	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	1	56	40	27	21	12	
Sabine Lake	n	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	1	20	9	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	1	33	27	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
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Table C-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Land	91	66	43	19	6	75	38	31	10	7	81	66	25	14	6
Jefferson Par. Bchs.	n	n	n	n	n	2	1	3	1	n	1	1	1	1	n
Mississippi Beaches	n	n	n	n	n	5	1	1	n	n	18	13	3	1	n
Hancock Co. Beaches	n	n	n	n	n	1	n	n	n	n	4	2	1	n	n
Harrison Co. Beaches	n	n	n	n	n	2	n	n	n	n	5	5	1	n	n
Jackson Co. Beaches	n	n	n	n	n	3	1	1	n	n	13	8	2	1	n
Alabama Rec. Beaches	n	n	n	n	n	2	1	n	n	n	33	18	5	1	n
Mobile Co. Beaches	n	n	n	n	n	1	n	n	n	n	17	8	2	1	n
Baldwin Co. Beaches	n	n	n	n	n	1	n	n	n	n	23	13	3	1	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	4	5	2	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	4	5	2	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	17	19	12	4	1	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	4	1	1	n	n	18	14	4	1	n
Sabine Lake	n	n	n	n	n	5	2	1	n	n	n	n	n	n	n
Matagorda Bay	12	8	6	3	n	2	2	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	6	7	5	2	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	8	7	2	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	4	8	6	9	3	2	6

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
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Table C-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																			
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18		
Land	78	44	79	63	47	47	51	46	45	43	23	23	27	27	51	52	99	48		
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	2	2	4	4	8	4	n	1	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	5	47	9	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	5	2	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	9	2	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	38	7	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	35	2	5	3	1	1	1	1	1	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	43	8
Sabine Lake	n	n	n	n	n	1	4	4	8	4	2	1	1	n	n	n	n	n	n	n
Matagorda Bay	3	9	15	9	6	5	5	3	3	3	n	n	n	n	n	n	n	n	n	n
Corpus C./Aransas B.	18	2	4	1	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	1

Note: Hypothetical Spill Locations: L# = subareas
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Table C-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Land	92	81	73	63	99	95	79	44	99	99	95	70	54	33	99	99	90	41	15	6	59	99	87	**	78	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	22	38	37	26	67	40	22	7	79	12	7	6	3	2	2	1	3	1	n	n	2	1	1	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sabine Lake	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	26	7
Matagorda Bay	1	2	3	5	1	3	11	8	n	33	33	22	16	8	11	8	12	7	2	1	11	5	7	1	5	
Corpus C./Aransas B.	2	6	8	7	22	21	14	2	11	11	5	4	4	2	n	1	2	1	1	n	3	1	1	1	1	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
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Table C-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Land	99	82	90	92	94	79	46	31	46	31	89	83	85	84	76	52	52	29	19	12	5	52	26	12	5	
Jefferson Par. Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	15	10	10	8	6	6	3	3	3	2	5	6	3	6	6	5	5	1	2	2	n	5	3	1	n	
Matagorda Bay	2	3	2	2	2	2	3	4	4	4	1	1	n	1	1	1	1	1	1	n	n	1	n	n	n	
Corpus C./Aransas B.	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Land	65	27	13	6	74	62	45	36	38	41	55	24	50	25	21	44	28	16	74	55	27	22	23	63	29
Jefferson Par. Bchs.	n	1	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	1	n	n	n	n	n	n	1
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sabine Lake	5	2	1	1	4	5	4	4	2	2	3	1	4	1	2	4	1	1	3	2	3	3	2	2	2
Matagorda Bay	n	n	n	n	n	1	1	1	3	3	n	n	1	n	n	1	n	n	1	n	1	n	2	1	n
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Cstl. Waters	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																										
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA		
Land	17	7	75	54	37	13	84	62	47	80	81	80	52	26	10	78	60	82	69	54	80	71	60	73	61		
Jefferson Par. Bchs.	2	n	4	4	6	2	42	14	7	18	28	26	3	1	1	20	10	7	12	7	3	4	4	4	6		
Mississippi Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	5	5	4	
Hancock Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	1	2	2	
Harrison Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	2	2	3	
Jackson Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	4	2	2	
Alabama Rec. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	4	1	n	
Mobile Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	1	n	
Baldwin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n	
FL Panhandle Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Emerald Coast Bchs.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Bay County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	5	4	3
Sabine Lake	1	n	2	2	1	n	1	2	1	2	2	2	2	2	1	2	2	1	1	1	1	n	n	n	n	n	
Matagorda Bay	n	n	n	1	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	
Corpus C./Aransas B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table C-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 2) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
Land	26	99	84	98	96	93	81	51	
Jefferson Par. Bchs.	3	n	2	n	n	n	1	n	
Mississippi Beaches	2	2	6	66	51	36	15	5	
Hancock Co. Beaches	1	2	3	11	11	7	3	n	
Harrison Co. Beaches	1	1	3	13	10	8	3	1	
Jackson Co. Beaches	1	n	2	51	36	27	12	4	
Alabama Rec. Beaches	n	n	1	3	14	32	39	18	
Mobile Co. Beaches	n	n	1	3	13	25	14	7	
Baldwin Co. Beaches	n	n	1	n	1	14	31	15	
FL Panhandle Beaches	n	n	n	n	n	1	22	22	
Emerald Coast Bchs.	n	n	n	n	n	1	22	22	
Bay County Beaches	n	n	n	n	n	n	n	n	
Gulf County Beaches	n	n	n	n	n	n	n	n	
Franklin Co. Beaches	n	n	n	n	n	n	n	n	
Padre I. Nat. Seash.	n	n	n	n	n	n	n	n	
Gulf I. Nat. Seash.	1	1	4	58	43	32	31	23	
Sabine Lake	1	n	n	n	n	n	n	n	
Matagorda Bay	n	n	n	n	n	n	n	n	
Corpus C. /Aransas B.	n	n	n	n	n	n	n	n	
Endangered Mouse Hab	n	n	n	n	n	1	24	15	
Saint Andrew's Bay	n	n	n	n	n	n	n	n	
Saint Joseph's Bay	n	n	n	n	n	n	n	n	
Florida Cstl. Waters	n	n	n	n	n	1	37	39	

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Appendix D

Seasonal Conditional Probabilities of Contact to Environmental Resources (Set 3)

Table D-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	2	n	n	n	n	6	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	n	n	n	n	14	1	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	4	4	2	3	7	5	6	6	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	79	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Laguna Madre Seagr.	39	1	n	n	5	n	n	n	11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	30	14	n	n	n	3	1	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	20	13	52	3
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	55	15	27	30	42	10	n	n	n	n	8	4	n	6	1	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	12	22	40	18	n	n	n	n	34	10	1	14	4	1	1	n	n	n	n	1	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	17	13	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	8	3
Choctawhatchee Bay	n	n	n	n	n	n	n	1
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	1	n	48	33	19	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr. s.	12	7	2	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S. /Matagor.	9	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	6	n	n	n	n	22	2	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	1	n	n	n	32	10	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	5	1	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	4	4	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	6	1	1	n	n	10	3	n	n	n

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr. s.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S. /Matagor.	4	4	7	3	2	2	1	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	4	5	4	7	16	18	17	19	1	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	88

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr.	71	28	12	3	13	6	n	n	25	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	2	2	1	n	7	5	n	n	44	32	2	n	n	15	14	5	n	n	n	n	8	2	2	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	n	1	25	26	69	22
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Chenier Cstl. Barr.	80	41	64	68	73	43	13	3	10	2	37	35	15	40	35	18	20	4	1	n	n	20	4	1	n	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Vermilion/Atchafala.	n	n	13	25	44	23	2	n	n	n	45	28	18	31	22	6	10	2	n	n	n	11	3	n	n	
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	21	4	1	n	19	26	13	10	7	4	11	3	11	1	n	13	3	1	11	8	2	2	n	7	1
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	16	4	n	n	15	17	9	5	2	n	10	3	12	2	1	10	4	1	11	9	3	1	n	6	2
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Chenier Cstl. Barr.	n	n	4	2	n	n	1	1	n	6	1	2	2	n	n	1	1	n	1	n	n	n	n	n	n	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	
Vermilion/Atchafala.	n	n	6	3	n	n	1	2	n	7	2	2	3	n	n	1	1	n	1	n	n	n	n	n	n	
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	4	6	4	5	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	1	1	3	22	28	4
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	1	17	21
Choctawhatchee Bay	n	n	n	n	n	n	1	6
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	8	8	69	58	39	5	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	14	10	5	2	2	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	15	8	6	3	1	2	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	12	13	12	5	1	40	30	17	6	1	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	2	1	1	n	n	38	19	4	1	1
Vermilion/Atchafala.	n	1	1	n	n	7	6	6	3	1	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	1	1	1	n	n	10	11	3	n	1
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	1	2	1	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	2	3	n	n	n	1	1
Manatees	n	n	n	n	n	n	n	n	3	5	n	n	n	2	2
Mississippi Sound	n	n	n	n	n	8	3	4	1	n	20	13	7	2	1

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	12	8	14	6	5	5	5	3	2	2	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	1	9	8	14	17	23	30	37	36	41	21	21	13	9	8	4	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	10
Vermilion/Atchafala.	n	n	n	1	n	1	n	1	2	3	8	8	7	4	4	3	n	1
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	1	n	2
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	15	90	21

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr.	79	40	20	12	14	10	2	2	26	3	n	n	1	n	1	n	n	n	n	1	n	n	n	n	n
Espiritu S./Matagor.	1	10	15	13	1	16	17	4	1	47	40	11	5	1	17	17	12	1	n	n	5	12	9	6	7
Chenier Cstl. Barr.	n	n	1	1	n	n	5	7	n	n	3	11	11	12	n	n	13	27	15	5	18	27	39	71	41
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	3	4	3	3	2	4	1	n	2	n	2	3	3	3	4	1	1	n	n	n	n	1	n	n	n
Chenier Cstl. Barr.	81	59	75	78	81	61	50	39	47	34	51	54	31	58	56	57	59	41	32	27	13	59	41	25	14
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	13	25	44	23	3	3	1	2	45	28	19	31	22	7	12	8	5	4	2	13	11	6	4
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments

** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	2	n	n	n	2	2	1	1	1	1	1	n	2	n	n	1	n	n	1	1	n	n	n	1	n
Chenier Cstl. Barr.	49	36	26	17	40	58	52	49	47	42	45	36	49	33	24	49	36	27	34	39	36	36	34	36	32
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	19	12	7	6	17	20	13	9	6	2	16	12	17	11	9	15	13	10	15	15	13	7	4	14	11
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	1	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	23	16	24	25	16	5	14	17	11	23	14	16	31	22	11	13	18	8	12	10	1	2	1	2	2
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	1	3	4	7	4	3
Vermilion/Atchafala.	8	7	11	11	9	3	5	8	5	10	7	7	11	9	5	6	7	4	6	6	1	1	1	n	2
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	2	2	1
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	2	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	2	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	1	n	n	2	n	n	n	n	n	n	n	1	1	1	4	14	22	19	21	15

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	2	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	4	3	6	26	32	10
Vermilion/Atchafala.	2	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	1	n	1	3	25	33
Choctawhatchee Bay	n	n	n	n	n	n	4	12
Apalachicola Bay	n	n	n	n	n	n	n	1
Everglades Manatees	1	n	n	n	n	n	n	n
Manatees	1	n	n	n	n	n	n	n
Mississippi Sound	3	13	23	75	65	46	11	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	4	n	n	n	n	7	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	n	n	n	n	15	1	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	3	n	n	n	n	1	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	8	7	6	4	7	7	5	7	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	80	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Laguna Madre Seagr.	19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	63	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	10	n	n	n	n	n	40	16	54	1
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	68	17	37	42	50	12	n	n	n	n	8	5	n	7	1	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	19	37	53	19	n	n	n	n	40	11	n	15	4	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	11	13	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	7	3
Choctawhatchee Bay	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	52	36	26	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	9	9	4	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	15	1	n	n	n	27	5	1	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	2	1	n	n	n	39	13	1	n	n
Vermilion/Atchafala.	n	n	n	n	n	9	3	1	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	4	2	1	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	7	1	1	n	n	12	5	n	n	n

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	2	12	17	18	17	22	22	22	29	1	1	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	7
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	1	2	1	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	8	90	11

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Laguna Madre Seagr.	41	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Espiritu S./Matagor.	1	7	5	1	3	27	11	n	1	86	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	15	32	1	n	n	1	74	45	87	31
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

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Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	92	55	80	81	79	51	26	10	23	5	37	38	12	42	33	32	31	12	4	1	n	29	11	2	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	27	51	68	38	6	2	3	n	66	39	17	46	35	13	18	6	1	1	n	22	9	2	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	21	8	2	n	9	28	24	19	18	17	9	6	11	3	n	21	7	1	4	5	6	7	3	2	1	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	22	11	3	n	10	25	20	13	5	1	11	10	15	3	n	20	10	2	5	7	8	6	1	3	2	
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	1	n	n	n	n	n	n	1	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n
Vermilion/Atchafala.	1	n	2	2	n	n	n	1	n	2	n	1	2	1	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	6	4	6	3

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	1	1	1	18	32	8
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	1	20	20
Choctawhatchee Bay	n	n	n	n	n	n	2	3
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	6	10	75	67	52	6	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	11	15	8	1	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	31	26	28	16	7	51	40	17	8	3	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	3	2	2	n	n	45	22	9	3	3
Vermilion/Atchafala.	n	3	5	3	2	15	16	11	5	3	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	1	1	n	n	n	9	8	8	2	6
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	2	2	3	1	3
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	10	4	4	1	n	20	16	10	7	3

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Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	15	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	2	20	21	45	50	60	59	65	67	68	26	16	5	3	2	1	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	1	12
Vermilion/Atchafala.	n	1	n	1	2	5	3	6	7	10	18	13	5	3	2	1	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	2
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	18	92	24

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr.	41	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	9	26	20	11	4	36	17	1	2	87	7	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	1	3	5	n	1	8	13	n	n	4	19	25	25	4	18	58	52	42	26	42	88	76	96	75
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	5	7	4	1	n	1	n	3
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	97	85	95	92	88	75	77	63	77	65	51	59	24	64	59	77	70	62	54	50	37	68	55	45	32
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	3	30	56	70	46	22	16	17	13	71	48	22	55	46	27	33	26	20	17	11	37	32	24	17
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	48	47	37	26	23	60	64	64	69	73	30	41	42	25	20	61	45	30	13	23	37	52	57	14	21
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	34	33	24	17	16	38	40	30	20	13	22	29	30	18	17	38	31	22	10	17	27	28	16	11	17
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	20	17	7	12	6	1	2	5	4	7	3	4	14	10	7	3	8	2	5	4	n	n	1	n	1
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	6	8
Vermilion/Atchafala.	18	16	6	10	4	2	1	5	2	6	2	3	11	8	5	1	6	1	4	3	n	n	n	n	1
Escambia/Pens.; S.R.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	3	3	3
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	24	29

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	1	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	1	4	7	3	4	20	38	18
Vermilion/Atchafala.	1	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	1	2	1	1	3	23	33
Choctawhatchee Bay	n	n	n	n	1	1	3	8
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	6	16	32	82	77	61	10	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	2	n	n	n	n	4	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	4	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	2	n	n	n	n	2	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	7	6	5	3	7	5	6	5	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	75	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr.	22	n	n	n	3	n	n	n	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	42	9	n	n	n	1	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	n	n	n	n	28	13	44	1
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	52	11	19	22	29	2	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	13	21	36	10	n	n	n	n	24	2	n	2	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	1	5	5	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	5	1
Choctawhatchee Bay	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	41	17	12	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	7	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	11	6	1	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	11	n	n	n	n	16	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	n	n	n	n	16	5	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	5	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	3	1	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	4	n	n	n	n	19	6	1	n	n

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Laguna Madre Seagr.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Espiritu S./Matagor.	3	4	9	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n	
Chenier Cstl. Barr.	n	2	11	13	10	12	19	16	17	15	n	n	n	n	n	n	n	n	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	89	6

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Laguna Madre Seagr.	41	8	3	1	9	7	4	n	12	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	4	12	4	1	2	67	28	8	5	1	6	3	2	1	n	n	3	n	1	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	2	12	13	n	n	n	n	56	33	86	21	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	89	30	60	62	62	24	2	n	1	1	18	20	9	23	15	4	5	n	n	n	n	5	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	27	44	61	27	1	n	1	n	45	19	10	24	12	2	3	n	n	n	n	2	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	5	n	n	n	5	7	3	1	1	n	3	n	4	1	n	2	n	n	2	2	n	n	n	1	1
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	5	n	n	n	5	5	1	n	n	n	4	n	3	n	n	1	n	n	3	2	n	n	n	1	1
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	1	n	n	n	n	n	n	1	n	1	1	n	n	n	1	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	1	1	n	n	n	1	n	2	n	1	1	n	n	n	1	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	<u>Hypothetical Spill Location</u>							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	2	4	12	22	8
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	1	13	9
Choctawhatchee Bay	n	n	n	n	n	n	1	2
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	1	67	47	41	13	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	9	9	6	3	1	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	15	18	15	6	1	2	3	1	n	n	n	n	n	n	n
Chenier Cstl. Barr.	21	6	4	1	n	41	20	11	3	n	n	n	1	1	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	2	1	1	n	n	19	14	4	1	n
Vermilion/Atchafala.	n	n	n	n	n	9	3	3	1	n	n	n	1	1	n
Escambia/Pens.; S.R.	n	n	n	n	n	1	1	n	n	n	14	15	3	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	4	5	1	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	3	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	1	4	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	8	2	2	n	n	34	22	11	2	n

Environmental Resource	Hypothetical Spill Location																		
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	
Laguna Madre Seagr.	12	2	5	2	1	1	1	1	1	1	n	n	n	n	n	n	n	n	
Espiritu S./Matagor.	12	14	16	11	10	8	7	5	6	5	2	n	n	n	n	n	n	n	
Chenier Cstl. Barr.	n	5	16	21	19	23	29	35	34	38	14	12	11	7	5	5	n	1	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	7	
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	1	n	1	2	3	3	4	1	2	n	
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	11	92	15

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr.	51	18	14	11	11	18	13	7	14	4	2	6	6	5	1	1	1	1	1	1	4	n	n	n	n
Espiritu S./Matagor.	6	15	14	6	4	23	27	14	2	68	33	24	20	17	6	3	7	14	12	4	19	1	4	1	5
Chenier Cstl. Barr.	n	n	n	n	n	n	1	1	n	n	5	3	4	2	4	18	32	9	4	1	10	70	55	93	50
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Espiritu S./Matagor.	1	2	1	1	n	1	3	6	6	6	n	1	n	1	1	3	2	5	4	6	5	2	3	4	3
Chenier Cstl. Barr.	95	69	85	82	76	61	50	29	41	24	42	53	28	55	55	52	53	24	12	7	2	52	26	7	3
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	2	31	52	65	36	9	4	7	2	54	30	18	34	23	12	14	3	2	1	n	13	5	1	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	2	3	3	1	1	2	1	3	5	6	1	2	1	1	n	2	3	1	n	n	2	4	4	n	1
Chenier Cstl. Barr.	40	29	13	6	33	48	46	45	39	38	31	28	36	25	18	44	31	16	21	24	31	16	16	19	24
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	15	9	3	1	16	14	11	7	6	4	12	7	11	5	3	11	8	5	10	9	6	2	2	9	6
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Espiritu S./Matagor.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	
Chenier Cstl. Barr.	16	8	16	20	16	9	5	10	7	12	7	10	22	16	8	6	13	5	7	6	2	4	2	4	4	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	2	3	5	3	1	
Vermilion/Atchafala.	2	1	6	8	6	3	2	4	4	6	3	4	8	3	1	2	5	2	3	4	1	1	n	n	1	
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	1	1	2	1	1	
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Mississippi Sound	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	2	1	n	11	11	12	10	4

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	4	n	1	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	1	5	5	9	17	25	15
Vermilion/Atchafala.	2	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	2	2	1	3	6	26	31
Choctawhatchee Bay	n	1	1	n	1	2	9	14
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	1	12	15	76	60	54	20	8

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 3 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	3	n	n	n	n	5	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	11	1	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	4	5	4	4	8	6	7	6	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	77	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
Laguna Madre Seagr.	42	1	n	n	9	n	n	n	16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	25	17	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	26	13	51	2
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	51	11	25	30	41	8	n	n	n	n	6	4	n	5	1	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	11	26	38	15	n	n	n	n	30	9	1	12	5	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 3 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	1	11	11	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	7	1
Choctawhatchee Bay	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	46	29	16	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 10 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr.	14	8	3	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	10	3	1	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	7	n	n	n	n	18	1	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	n	n	n	n	19	7	1	n	n
Vermilion/Atchafala.	n	n	n	n	n	4	1	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	4	n	n	n	n	13	5	n	n	n

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr.	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	5	9	4	1	1	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	4	5	6	6	16	15	15	14	1	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	86	7

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr.	73	28	12	3	28	12	2	n	40	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	1	4	1	n	31	41	11	4	1	17	9	4	n	n	n	3	3	1	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	n	n	n	n	36	27	78	24
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	83	34	56	64	69	34	5	1	3	n	32	32	16	35	25	10	12	1	1	n	n	12	2	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	11	28	42	18	1	n	n	n	44	25	20	27	20	3	4	n	n	n	n	5	1	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	15	2	n	n	13	17	7	3	2	1	8	2	7	n	n	7	2	n	7	6	2	1	n	5	1	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	14	3	1	n	11	12	3	2	n	n	8	3	7	1	n	6	3	n	7	6	3	n	n	5	1	
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	4	2	n	n	1	n	n	3	n	1	2	n	n	1	1	n	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	4	3	1	n	1	1	n	4	1	1	2	1	n	1	2	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	2	2	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 10 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	n	n	1	13	22	5
Vermilion/Atchafala.	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	13	12
Choctawhatchee Bay	n	n	n	n	n	n	1	2
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	n	2	3	63	49	36	9	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 30 days

Environmental Resource	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
Laguna Madre Seagr. s.	18	19	12	5	3	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	16	10	7	4	1	2	2	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	8	3	3	1	n	33	13	9	2	n	n	n	1	1	n
Gulf Shrs. Cstl. B.	n	n	n	n	n	1	n	n	n	n	22	12	3	1	n
Vermilion/Atchafala.	n	n	n	n	n	5	3	3	1	n	n	n	1	n	n
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	2	3	2	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	2	4	n	n	n	1	2
Manatees	n	n	n	n	n	n	n	n	3	7	n	n	n	1	4
Mississippi Sound	n	n	n	n	n	5	1	1	n	n	23	15	3	1	n

Environmental Resource	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
Laguna Madre Seagr. s.	26	1	4	2	n	1	1	1	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	3	11	19	11	8	6	7	4	3	3	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	n	n	5	6	7	12	21	25	24	26	10	9	9	6	8	4	n	2
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	2	3	3	3	5	2	n	1
Escambia/Pens.; S.R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	5	88	10

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
Laguna Madre Seagr. s.	86	61	46	31	34	32	20	7	46	7	5	4	3	2	1	n	2	1	n	1	2	1	n	n	n
Espiritu S./Matagor.	1	2	3	6	1	3	11	11	n	32	47	27	19	9	18	11	15	9	3	1	16	7	10	2	9
Chenier Cstl. Barr.	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	5	5	3	1	2	37	32	80	36
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

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Environmental Resource	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
Laguna Madre Seagr. s.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	2	5	3	2	3	4	4	4	5	4	1	2	1	1	1	2	1	2	1	1	n	2	1	n	n
Chenier Cstl. Barr.	87	51	72	79	82	55	25	15	23	10	50	52	33	56	53	34	36	16	11	7	2	38	17	8	3
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	n	n	11	28	42	19	2	2	1	n	45	25	21	27	21	3	6	3	1	n	n	7	4	2	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
Laguna Madre Seagr. s.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	1	n	n	n	n	1	2	2	5	5	1	n	1	n	n	1	n	n	1	n	1	1	1	3	1	n
Chenier Cstl. Barr.	39	16	8	3	36	45	30	23	20	18	33	15	33	15	10	31	17	9	31	28	17	15	11	27	17	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Vermilion/Atchafala.	17	6	4	2	13	13	6	4	2	n	12	5	10	6	4	8	5	4	10	10	6	4	1	9	5	
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Environmental Resource	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
Laguna Madre Seagr. s.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	1	1	n	n	1	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	8	4	22	20	13	3	10	18	12	20	12	14	21	13	3	16	19	8	13	11	4	5	3	5	6	
Gulf Shrs. Cstl. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n
Vermilion/Atchafala.	3	2	8	8	4	2	4	5	5	7	5	4	8	4	1	5	7	3	5	5	1	2	2	2	2	
Escambia/Pens.; S. R.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Choctawhatchee Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Apalachicola Bay	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatees	n	1	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Mississippi Sound	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	7	5	4

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Table D-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain environmental resource (set 3) within 30 days--Cont.

Environmental Resource	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
Laguna Madre Seagr.	n	n	n	n	n	n	n	n
Espiritu S./Matagor.	n	n	n	n	n	n	n	n
Chenier Cstl. Barr.	4	n	3	n	n	n	n	n
Gulf Shrs. Cstl. B.	n	n	1	n	1	13	27	12
Vermilion/Atchafala.	1	n	1	n	n	n	n	n
Escambia/Pens.; S. R.	n	n	n	n	n	n	17	19
Choctawhatchee Bay	n	n	n	n	n	n	1	4
Apalachicola Bay	n	n	n	n	n	n	n	n
Everglades Manatees	n	n	n	n	n	n	n	n
Manatees	n	n	n	n	n	n	n	n
Mississippi Sound	2	2	6	66	54	43	17	7

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.

Appendix E

Seasonal Conditional Probabilities of Contact to Land Segments

Table E-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 3 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
13	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
14	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
17	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n
18	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
19	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n
20	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
23	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
24	n	n	n	n	n	1	n	n	n	n	14	1	n	n	n
25	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 3 days-- Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	6	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	n	7	5	5	3	n	n	n	n	n	n	n	n	n	n	n	n
9	n	n	4	4	2	3	1	n	1	n	n	n	n	n	n	n	n	n
10	n	n	n	n	n	n	5	1	5	2	n	n	n	n	n	n	n	n
11	n	n	n	n	n	n	n	4	n	4	n	n	n	n	n	n	n	n
16	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	n	n	n
17	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	n	n	n
18	n	n	n	n	n	n	n	n	n	n	n	1	2	4	1	n	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	4	n	n
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	76	3
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2

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Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	35	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	4	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	n	n	n	n	5	n	n	n	11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	n	n	n	n	55	1	n	n	47	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	n	n	2	1	n	n	n	12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	n	n	n	n	n	n	n	30	14	n	n	n	3	1	n	n	n	n	n	n	n	n	n
7	n	n	n	n	n	n	n	n	n	n	9	n	n	n	48	23	3	n	n	n	n	1	n	n	n
8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	29	13	n	n	n	n	14	3	n	n
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	20	10	8	n
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	43	3
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
58	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
10	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	32	9	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	17	5	12	8	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
13	n	n	12	22	39	10	n	n	n	n	8	3	n	6	1	n	n	n	n	n	n	n	n	n	n	n
14	n	n	n	n	2	8	n	n	n	n	25	7	1	7	3	n	1	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	2	9	34	5	5	n	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
14	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
15	11	n	n	n	8	1	n	n	n	n	4	n	1	n	n	n	n	n	4	2	n	n	n	1	n
16	n	n	n	n	13	n	n	n	n	n	6	n	n	n	n	n	n	n	22	10	n	n	n	14	n
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	2	n

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
15	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
16	n	n	20	5	n	n	4	1	n	18	6	6	5	n	n	3	2	n	n	n	n	n	n	n	n
17	n	n	13	4	n	n	34	5	n	27	23	24	3	n	n	11	7	1	1	n	n	n	n	n	
18	n	n	n	n	n	n	3	4	2	n	7	4	n	n	n	19	1	16	6	3	1	n	n	n	
19	n	n	n	n	n	n	n	1	4	n	n	n	n	n	n	n	n	31	13	7	30	5	n	6	3
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	1	n	3	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-1. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 3 days--Cont.

Land Segment	<u>Hypothetical Spill Location</u>							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
19	n	n	2	n	n	n	n	n
20	n	54	20	n	n	n	n	n
21	n	3	1	n	n	n	n	n
22	n	1	n	4	1	n	n	n
23	n	n	n	44	32	19	n	n
24	n	n	n	n	n	17	13	n
25	n	n	n	n	n	n	8	2
26	n	n	n	n	n	n	n	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 10 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
2	4	3	1	n	n	n	n	n	n	n	n	n	n	n	n
3	6	3	1	n	n	n	n	n	n	n	n	n	n	n	n
4	8	5	1	n	n	n	n	n	n	n	n	n	n	n	n
5	7	6	2	n	n	n	n	n	n	n	n	n	n	n	n
6	9	3	1	n	n	n	n	n	n	n	n	n	n	n	n
7	11	2	1	n	n	n	n	n	n	n	n	n	n	n	n
8	7	1	n	n	n	1	n	n	n	n	n	n	n	n	n
9	4	n	n	n	n	2	n	n	n	n	n	n	n	n	n
10	2	n	n	n	n	5	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	6	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	5	1	n	n	n	n	n	n	n	n
13	n	n	n	n	n	4	1	n	n	n	n	n	n	n	n
14	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	2	1	1	n	n	n	n	n	n	n
16	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n
17	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n
18	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n
19	n	n	n	n	n	1	2	3	n	n	n	n	n	n	n
20	n	n	n	n	n	3	1	1	n	n	n	n	n	n	n
21	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
23	n	n	n	n	n	4	1	n	n	n	9	3	n	n	n
24	n	n	n	n	n	1	1	n	n	n	32	10	n	n	n
25	n	n	n	n	n	n	n	n	n	n	4	4	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	9	1	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
6	4	4	7	3	2	2	1	n	n	n	n	n	n	n	n	n	n	n
7	1	12	19	9	5	5	2	n	2	1	n	n	n	n	n	n	n	n
8	n	2	9	11	9	7	5	2	3	2	n	n	n	n	n	n	n	n
9	n	n	4	5	4	5	6	3	6	2	n	n	n	n	n	n	n	n
10	n	n	n	n	n	1	10	9	10	8	n	n	n	n	n	n	n	n
11	n	n	n	n	n	n	n	6	1	8	n	n	n	n	n	n	n	n
12	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	3	2	1	3	2	n	n	n
16	n	n	n	n	n	n	n	n	n	n	5	5	7	5	5	2	n	n
17	n	n	n	n	n	n	n	n	n	n	4	5	5	7	9	3	n	n
18	n	n	n	n	n	n	n	n	n	n	1	2	3	9	2	n	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	1	10	7	n	1
20	n	n	n	n	n	n	n	n	n	n	n	n	n	1	10	2	1	1
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	1	1
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	8	1	1
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	79	8	8
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	6

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	46	12	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	17	10	6	1	1	1	n	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	9	6	3	1	12	5	n	n	22	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	4	6	2	n	72	16	1	n	67	9	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	1	5	6	1	9	24	2	n	4	31	7	n	n	n	4	4	1	n	n	n	n	1	n	n	n
6	n	2	2	1	n	7	5	n	n	44	32	2	n	n	15	14	5	n	n	n	n	8	2	2	n
7	n	n	n	n	n	1	4	n	n	1	21	8	2	n	58	36	13	n	n	n	1	16	5	6	2
8	n	n	n	n	n	n	n	n	n	n	1	2	1	n	11	31	26	n	n	n	2	32	14	11	6
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	1	25	19	16	8
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	n	6	52	13
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1
58	3	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
7	1	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	7	3	1	1	1	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	7	5	5	3	3	1	n	n	n	n	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n
10	19	14	15	9	6	7	1	1	1	1	3	3	1	3	3	1	1	n	n	n	n	2	n	n	n
11	37	16	16	13	10	11	4	1	3	n	8	8	2	9	8	3	3	1	n	n	n	3	1	n	n
12	17	6	16	18	12	10	6	2	6	1	9	10	6	10	11	9	7	1	n	n	n	7	1	n	n
13	n	n	13	25	43	14	2	n	n	n	17	14	7	17	13	5	8	2	n	n	n	9	2	n	n
14	n	n	n	n	2	9	n	n	n	n	28	14	11	13	9	1	1	n	n	n	n	2	1	n	n
15	n	n	n	n	n	n	n	n	n	n	3	11	39	7	8	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
10	1	n	n	n	1	1	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	3	n	n	n	3	5	2	1	1	1	1	n	1	n	n	1	n	n	2	1	n	1	n	n	n
12	7	1	n	n	6	8	4	4	3	2	4	1	4	n	n	3	1	n	3	2	1	1	n	2	n
13	10	3	n	n	9	12	7	4	2	n	6	2	6	1	n	8	2	1	6	5	2	n	n	4	1
14	6	1	n	n	6	5	2	n	n	n	4	1	6	1	1	3	2	n	5	4	1	1	n	2	1
15	13	1	n	n	14	2	n	n	n	n	7	1	3	2	1	1	1	n	13	8	2	n	n	10	5
16	n	n	n	n	13	n	n	n	n	n	6	1	n	2	2	n	n	1	23	10	1	n	n	18	3
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	2	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-2. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
11	n	n	1	n	n	n	n	n	n	1	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
12	n	n	1	1	n	n	n	n	n	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n
13	n	n	3	1	n	n	1	1	n	4	1	2	2	n	n	1	n	n	n	n	n	n	n	n	n
14	n	n	4	2	n	n	n	1	n	3	1	1	2	n	n	1	1	n	n	n	n	n	n	n	n
15	1	n	8	6	2	n	5	4	1	6	4	4	5	3	n	5	5	2	3	1	n	n	n	n	n
16	1	n	26	16	9	1	11	14	8	21	15	15	16	7	n	12	15	7	10	6	n	n	n	n	n
17	n	n	15	8	9	2	48	21	14	30	37	37	7	3	1	26	18	10	15	13	1	1	n	1	2
18	n	n	n	1	1	1	6	7	6	1	9	6	n	1	n	22	3	19	11	7	1	1	n	1	1
19	n	n	n	n	2	1	n	1	10	n	n	n	n	n	n	n	n	33	15	15	36	11	6	13	13
20	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	2	15	11	2	14	7
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	4	n	4	2
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	n	3	1
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	4	2	2
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n

Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
19	3	1	4	n	n	n	n	n
20	1	65	31	5	5	2	n	n
21	n	14	9	6	6	3	n	n
22	n	6	3	14	9	3	n	n
23	n	2	5	55	48	35	5	n
24	n	n	1	1	3	22	28	4
25	n	n	n	n	n	1	16	14
26	n	n	n	n	n	1	6	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 30 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	3	2	1	n	1	n	n	n	n	n	n	n	n	n	n
2	4	3	2	1	n	n	n	n	n	n	n	n	n	n	n
3	7	5	2	1	n	n	n	n	n	n	n	n	n	n	n
4	10	9	3	1	1	n	n	n	n	n	n	n	n	n	n
5	10	10	5	1	1	n	n	n	n	n	n	n	n	n	n
6	15	8	6	3	1	2	n	n	n	n	n	n	n	n	n
7	17	8	7	5	1	4	1	n	n	n	n	n	n	n	n
8	12	6	4	3	1	6	2	n	n	n	n	n	n	n	n
9	7	4	3	1	n	7	4	1	n	n	n	n	n	n	n
10	4	4	3	1	n	12	8	4	1	n	n	n	n	n	n
11	1	3	3	1	1	10	8	5	1	n	n	n	n	n	n
12	n	2	2	1	n	6	6	4	2	n	n	n	n	n	n
13	n	1	1	n	n	5	4	4	2	1	n	n	n	n	n
14	n	n	n	n	n	2	2	2	1	n	n	n	n	n	n
15	n	n	n	n	n	2	2	3	2	n	n	n	n	1	n
16	n	n	n	n	n	2	3	6	3	n	n	1	1	2	n
17	n	n	n	n	n	2	2	6	2	n	n	2	3	3	1
18	n	n	n	n	n	1	1	2	1	n	n	1	1	1	n
19	n	n	n	n	n	1	2	4	1	n	1	3	3	2	n
20	n	n	n	n	n	4	1	2	n	n	3	3	1	1	n
21	n	n	n	n	n	2	1	1	n	n	2	2	1	n	n
22	n	n	n	n	n	3	1	1	n	n	3	2	2	1	n
23	n	n	n	n	n	5	2	2	n	n	16	11	5	2	1
24	n	n	n	n	n	2	1	1	n	n	38	19	4	1	1
25	n	n	n	n	n	n	1	n	n	n	9	8	2	n	1
26	n	n	n	n	n	n	n	n	n	n	1	2	1	n	n
27	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
43	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
44	n	n	n	n	n	n	n	n	1	1	n	n	n	n	1
45	n	n	n	n	n	n	n	n	1	2	n	n	n	1	1
46	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
47	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
58	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
2	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	23	1	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n
5	14	3	5	2	2	1	1	1	1	1	n	n	n	n	n	n	n	n
6	12	8	14	6	5	5	5	3	2	2	n	n	n	n	n	n	n	n
7	8	17	27	19	10	10	7	3	6	4	n	n	n	n	n	n	n	n
8	3	6	15	17	15	13	12	10	9	8	1	n	1	n	n	n	n	n
9	1	4	6	8	8	9	9	7	11	8	2	1	1	n	1	1	n	n
10	n	3	1	2	4	6	15	16	16	16	3	4	3	2	1	n	n	n
11	n	1	n	2	3	4	4	10	6	11	5	5	2	1	1	1	n	n
12	n	1	1	1	2	3	2	3	2	3	6	4	4	3	1	1	n	n
13	n	n	n	1	n	1	n	1	2	2	5	7	4	3	3	1	n	n
14	n	n	n	n	n	n	n	n	n	n	3	1	3	1	1	2	n	1
15	n	n	n	n	n	1	n	n	n	n	6	4	7	5	4	2	n	n
16	n	n	n	n	n	n	n	n	n	n	8	10	13	11	8	4	n	3
17	n	n	n	n	n	n	n	n	n	n	5	8	10	11	13	6	n	3
18	n	n	n	n	n	n	n	n	n	n	1	1	4	6	10	4	n	2
19	n	n	n	n	n	n	n	n	n	n	n	n	1	2	13	7	n	2
20	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	12	4	2
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	4	3
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	7	10	4
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	7	80	17
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	10
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
44	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
45	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
47	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1
55	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	47	14	4	2	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	18	14	8	4	1	2	1	1	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	14	13	8	5	12	7	1	1	23	2	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n
4	9	16	14	6	74	22	5	n	68	12	3	1	n	1	2	2	1	n	n	n	n	n	1	1	1
5	4	17	17	10	10	30	8	3	4	35	9	3	n	1	7	6	3	n	n	n	n	n	3	2	2
6	1	10	15	13	1	16	17	4	1	47	40	11	5	1	17	17	12	1	n	n	5	12	9	6	7
7	1	5	8	13	n	7	18	12	n	2	27	21	11	5	59	39	21	4	1	1	11	19	13	8	12
8	n	n	3	3	n	3	5	6	n	n	4	10	12	7	11	33	34	8	2	1	16	34	20	12	17
9	n	n	1	1	n	n	2	3	n	n	3	7	4	5	n	n	9	7	3	n	7	26	27	17	17
10	n	n	n	n	n	n	2	2	n	n	n	2	3	3	n	n	3	10	4	1	7	1	11	52	22
11	n	n	n	n	n	n	n	1	n	n	n	1	3	2	n	n	1	5	4	2	2	n	1	2	3
12	n	n	n	n	n	n	n	1	n	n	n	n	1	1	n	n	1	4	4	2	1	n	n	n	n
13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
58	3	2	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
4	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	1	1	1	1	1	n	n	n	n	n	1	1	n	1	1	n	n	n	n	n	n	n	n	n	n
6	3	4	3	3	2	4	1	n	2	n	2	3	3	3	4	1	1	n	n	n	n	n	1	n	n
7	4	9	5	5	5	6	2	2	3	2	3	4	4	4	4	2	2	2	n	n	1	2	n	n	n
8	9	11	8	8	5	6	8	3	7	3	4	5	3	6	4	8	6	3	2	1	1	5	2	1	n
9	8	13	10	8	7	6	8	5	8	6	5	6	3	6	6	9	9	6	4	4	1	9	6	3	1
10	19	22	19	13	10	16	15	14	16	11	10	12	7	12	11	18	14	11	10	6	3	14	8	5	2
11	37	18	18	14	10	14	14	9	11	9	10	11	6	12	12	12	14	11	9	7	4	14	11	7	5
12	17	6	16	18	12	11	10	9	12	6	9	10	8	11	14	13	11	7	5	6	3	12	7	6	3
13	n	n	13	25	43	14	3	2	1	2	17	14	8	18	13	6	10	7	4	4	1	11	9	4	2
14	n	n	n	n	2	9	n	1	n	1	28	14	11	13	9	1	2	1	1	1	n	2	2	2	1
15	n	n	n	n	n	n	n	n	n	n	3	11	39	7	8	n	n	1	n	n	n	n	1	1	n
16	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 30 days-- Cont.

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
6	2	n	n	n	2	2	1	1	1	1	1	n	2	n	n	1	n	n	1	1	n	n	n	1	n
7	3	n	n	n	3	3	2	1	2	3	1	1	1	n	n	1	n	n	2	2	n	n	1	1	n
8	3	1	n	n	4	6	4	3	4	6	4	1	5	2	n	3	2	1	3	4	2	1	2	3	1
9	6	3	2	1	3	8	8	6	6	7	5	2	4	2	1	6	3	2	3	4	3	4	6	1	2
10	10	6	5	3	10	11	12	13	15	14	9	7	10	6	4	11	7	5	9	7	8	9	10	7	6
11	10	10	7	5	8	13	13	12	11	10	13	9	14	9	8	11	10	8	8	11	10	11	8	10	9
12	12	9	7	3	9	13	9	11	9	7	9	9	11	8	5	10	8	6	6	7	7	7	6	7	7
13	12	9	5	5	11	14	10	8	6	2	10	9	10	7	6	11	9	5	9	9	9	5	4	10	7
14	7	4	2	1	7	6	3	1	n	n	6	4	7	4	3	4	5	4	6	6	4	2	n	4	4
15	13	3	4	2	15	2	1	1	n	n	8	3	4	6	7	2	3	4	13	9	5	2	n	10	8
16	n	1	2	1	14	n	n	n	n	n	7	3	1	6	7	n	2	3	23	10	3	1	n	19	6
17	n	1	1	1	n	n	n	n	n	n	n	1	n	2	3	n	1	1	n	2	1	1	n	3	2
18	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	1	n	n	1	n	n	1	n	n	1
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n

Land Segment	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
6	n	n	1	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	n	1	1	n	n	n	n	n	1	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n
8	n	n	2	2	1	n	1	1	1	2	2	1	1	1	n	1	2	n	1	n	n	n	n	n	n	n
9	1	2	2	1	1	n	2	1	1	2	2	1	2	1	1	n	1	n	1	1	n	n	n	n	n	n
10	4	3	3	4	3	n	2	1	2	6	2	2	6	5	2	3	3	2	2	1	n	n	n	n	n	n
11	7	3	7	7	3	1	3	5	2	6	4	5	8	3	2	3	6	2	3	2	n	n	n	n	n	n
12	6	4	5	6	4	2	3	5	2	3	3	4	8	6	3	3	5	2	2	3	n	1	n	1	1	
13	5	4	6	7	5	2	3	5	3	7	4	4	8	6	3	3	3	2	4	4	n	1	1	n	n	
14	3	2	5	4	4	1	2	3	2	3	3	3	4	3	3	2	4	1	2	2	n	n	n	n	1	
15	5	2	9	8	5	3	5	6	3	7	5	5	8	8	3	6	8	3	5	4	1	1	1	1	1	
16	6	3	26	19	14	5	12	16	12	21	15	16	17	11	8	13	17	9	13	8	1	1	2	1	3	
17	3	1	15	10	13	11	49	23	18	30	38	38	8	6	4	27	20	11	18	17	2	1	3	2	6	
18	1	1	n	2	4	2	6	8	8	1	9	6	1	2	1	22	3	20	12	9	1	1	1	1	2	
19	1	n	n	n	3	2	n	3	11	n	n	n	n	1	1	n	1	33	16	16	36	14	9	15	15	
20	n	n	n	n	1	1	n	n	1	n	n	n	n	n	n	n	n	n	1	3	18	16	7	20	11	
21	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	2	12	10	4	10	7	
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	7	12	5	11	7	
23	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	1	2	7	11	13	10	8	
24	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	1	3	4	7	4	3	
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	1	1	
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
44	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
45	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
55	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-3. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the winter season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location								
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC	
11	1	n	n	n	n	n	n	n	n
13	1	n	n	n	n	n	n	n	n
14	1	n	n	n	n	n	n	n	n
15	1	n	n	n	n	n	n	n	n
16	6	n	1	n	n	n	n	n	n
17	6	n	1	n	n	n	n	n	n
18	2	n	n	n	n	n	n	n	n
19	6	1	5	n	1	n	1	1	1
20	4	66	36	10	10	5	2	n	n
21	1	17	14	9	11	6	1	n	n
22	1	9	10	18	13	8	1	1	1
23	2	5	14	57	52	38	10	3	3
24	n	n	4	3	6	26	32	10	10
25	n	n	1	n	1	2	21	21	21
26	n	n	n	n	n	n	4	12	12
27	n	n	n	n	n	n	1	3	3
28	n	n	n	n	n	n	n	1	1
29	n	n	n	n	n	n	n	1	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 3 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n
6	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
13	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
14	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
17	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
18	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
19	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
20	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
23	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
24	n	n	n	n	n	1	n	n	n	n	15	1	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
4	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	9	13	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n
9	n	n	8	7	5	4	n	n	n	n	n	n	n	n	n	n	n	n
10	n	n	n	n	n	n	6	1	4	1	n	n	n	n	n	n	n	n
11	n	n	n	n	n	n	n	6	1	6	n	n	n	n	n	n	n	n
17	n	n	n	n	n	n	n	n	n	n	2	2	1	1	n	n	n	n
18	n	n	n	n	n	n	n	n	n	n	1	1	2	2	6	n	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	78	3
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3

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Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	n	n	n	n	41	n	n	n	49	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	n	n	20	1	n	n	8	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	n	n	n	n	n	n	n	63	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	n	n	n	n	n	n	n	n	n	33	n	n	n	11	1	n	n	n	n	n	n	n	n	n
8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	65	56	7	n	n	n	n	1	n	n	n
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	10	n	n	n	n	32	2	n	n
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	8	14	41	1
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
10	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	34	7	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	33	10	15	5	3	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
13	n	n	19	37	48	10	n	n	n	n	8	5	n	7	1	n	n	n	n	n	n	n	n	n	n
14	n	n	n	n	6	9	n	n	n	n	32	6	n	8	2	n	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	n	11	50	4	6	n	n	n	n	n	n	n	n	n	n

Table E-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 3 days, Gulf of Mexico OCS Lease Sales, 1998-2002-- Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
14	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
15	14	n	n	n	12	1	n	n	n	n	3	n	3	n	n	n	n	n	3	1	n	n	n	1	n
16	n	n	n	n	26	n	n	n	n	n	13	n	n	n	n	n	n	n	41	14	n	n	n	18	n
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n	n	6	n

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
16	n	n	15	6	n	n	n	1	n	20	1	3	6	n	n	1	2	n	n	n	n	n	n	n	n
17	n	n	22	3	n	n	29	6	n	34	22	24	2	n	n	9	6	n	n	n	n	n	n	n	n
18	n	n	n	n	n	n	8	3	n	n	18	12	n	n	n	32	1	9	5	2	n	n	n	n	n
19	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	44	8	2	17	n	n	n	1
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	1	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-4. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 3 days--Cont.

Land Segment	<u>Hypothetical Spill Location</u>							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
20	n	32	11	n	n	n	n	n
21	n	3	1	n	n	n	n	n
22	n	n	n	3	1	n	n	n
23	n	n	n	50	34	26	1	n
24	n	n	n	n	n	11	13	n
25	n	n	n	n	n	n	7	3

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 10 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	7	3	n	n	n	n	n	n	n	n	n	n	n	n	n
5	10	10	2	n	n	n	n	n	n	n	n	n	n	n	n
6	9	9	4	n	n	n	n	n	n	n	n	n	n	n	n
7	9	4	2	n	n	n	n	n	n	n	n	n	n	n	n
8	10	2	1	n	n	n	n	n	n	n	n	n	n	n	n
9	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	8	n	n	n	n	4	n	n	n	n	n	n	n	n	n
11	1	n	n	n	n	9	1	n	n	n	n	n	n	n	n
12	n	n	n	n	n	8	2	n	n	n	n	n	n	n	n
13	n	n	n	n	n	6	2	n	n	n	n	n	n	n	n
14	n	n	n	n	n	3	1	n	n	n	n	n	n	n	n
15	n	n	n	n	n	3	2	2	n	n	n	n	n	n	n
16	n	n	n	n	n	3	3	5	1	n	n	n	n	n	n
17	n	n	n	n	n	3	2	6	1	n	n	n	n	n	n
18	n	n	n	n	n	1	1	3	n	n	n	n	n	n	n
19	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n
20	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
21	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	2	n	n	n	n	1	n	n	n	n
23	n	n	n	n	n	5	1	1	n	n	12	4	n	n	n
24	n	n	n	n	n	2	1	n	n	n	39	13	1	n	n
25	n	n	n	n	n	n	n	n	n	n	4	2	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
4	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	2	2	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	19	27	10	3	2	n	n	n	n	n	n	n	n	n	n	n	n
9	n	2	11	15	14	9	2	n	1	n	n	n	n	n	n	n	n	n
10	n	n	1	2	4	5	16	6	11	4	n	n	n	n	n	n	n	n
11	n	n	n	n	n	2	4	11	6	15	n	n	n	n	n	n	n	n
12	n	n	n	n	n	n	n	5	4	8	n	n	n	n	n	n	n	n
13	n	n	n	n	n	n	n	n	n	1	1	1	n	n	n	n	n	n
14	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	4	3	1	n	1	n	n	n
16	n	n	n	n	n	n	n	n	n	n	7	9	9	5	4	2	n	n
17	n	n	n	n	n	n	n	n	n	n	5	6	15	12	17	6	n	n
18	n	n	n	n	n	n	n	n	n	n	2	2	7	8	16	3	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	2	n	1
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	7	1
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	83	10
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	7

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	14	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	14	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	17	7	1	n	48	4	n	n	62	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	7	7	5	n	47	38	1	n	34	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	1	7	5	1	3	27	11	n	1	86	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	n	1	n	n	4	9	n	n	5	60	9	2	n	16	4	2	n	n	n	n	1	n	n	n
8	n	n	n	n	n	n	1	n	n	n	13	12	2	1	78	74	18	n	n	n	2	7	3	1	1
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	13	26	n	n	n	1	51	11	4	2
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	7	n	n	n	n	22	33	60	21
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	21	5
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																									
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S	
9	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	6	7	5	3	2	2	1	n	1	n	1	1	n	1	1	1	1	n	n	n	n	n	n	n	n	n
11	47	27	20	12	5	10	8	3	10	2	5	5	2	5	4	7	4	3	1	n	n	n	4	1	n	n
12	38	20	28	18	14	15	12	6	10	2	8	10	2	9	9	14	14	4	2	1	n	10	4	1	n	
13	n	n	27	49	59	24	6	2	3	n	23	23	8	28	20	10	12	5	1	1	n	15	6	1	n	
14	n	n	n	2	9	15	n	n	n	n	42	17	9	19	15	3	6	1	n	n	n	7	3	1	n	
15	n	n	n	n	n	n	n	n	n	n	1	14	61	7	11	n	1	n	n	n	n	1	1	n	n	
16	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	

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Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
10	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	2	n	n	n	1	3	3	3	4	7	1	n	n	n	n	3	n	n	n	n	n	1	1	n	n
12	5	2	n	n	3	8	6	6	9	8	2	1	3	n	n	5	2	n	1	1	1	2	2	n	n
13	14	6	2	n	5	16	14	9	4	1	6	5	8	2	n	14	5	1	3	3	4	4	1	1	1
14	8	5	1	n	5	9	6	3	1	n	6	5	7	1	n	6	5	1	3	4	4	2	n	2	1
15	25	5	2	n	26	10	1	1	n	n	19	5	17	8	3	5	6	4	15	15	8	1	n	13	9
16	1	1	1	n	32	2	n	n	n	n	22	3	7	5	5	n	1	1	52	26	2	n	n	32	9
17	n	n	n	n	n	n	n	n	n	n	1	n	n	1	1	n	n	n	3	5	n	n	n	11	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-5. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
13	n	n	1	n	n	n	n	n	n	1	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n
14	1	n	1	1	n	n	n	n	n	1	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n
15	2	n	7	8	2	n	1	2	1	7	3	2	9	4	n	1	5	1	2	1	n	n	n	n	n
16	3	1	29	27	11	1	6	13	8	26	5	10	27	17	4	7	18	4	8	8	n	n	n	n	1
17	n	n	33	13	21	3	53	33	22	44	41	41	9	8	2	28	28	8	21	21	n	n	n	n	3
18	n	n	3	1	7	1	21	14	13	2	31	24	1	1	n	46	6	13	18	15	n	1	1	n	1
19	n	n	n	n	1	n	1	2	4	n	n	n	n	n	n	n	1	51	13	4	19	n	1	1	3
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	6	3	n	3	2
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	2	1
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	2	1	3	2
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	3	3	1
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n

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Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
16	1	n	n	n	n	n	n	n
17	1	n	n	n	n	n	n	n
18	2	n	n	n	n	n	n	n
19	3	n	1	n	n	n	n	n
20	n	38	14	n	n	n	n	n
21	n	14	4	2	2	1	n	n
22	n	4	5	13	14	6	n	n
23	n	2	5	62	53	47	6	n
24	n	n	1	1	1	18	32	8
25	n	n	n	n	n	1	18	16
26	n	n	n	n	n	n	2	3
27	n	n	n	n	n	n	n	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 30 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n
4	8	4	n	n	n	n	n	n	n	n	n	n	n	n	n
5	11	14	3	n	n	n	n	n	n	n	n	n	n	n	n
6	11	15	8	1	n	n	n	n	n	n	n	n	n	n	n
7	11	8	8	2	1	n	n	n	n	n	n	n	n	n	n
8	14	6	5	3	1	1	n	n	n	n	n	n	n	n	n
9	11	4	2	2	n	2	1	n	n	n	n	n	n	n	n
10	14	6	5	3	1	9	4	1	n	n	n	n	n	n	n
11	4	8	9	5	2	16	12	4	2	n	n	n	n	n	n
12	2	6	8	4	2	15	13	5	2	1	n	n	n	n	n
13	n	2	4	2	1	10	11	7	3	2	n	n	n	n	n
14	n	1	1	1	1	4	5	4	2	1	n	n	n	n	n
15	n	n	n	n	n	4	5	7	4	2	n	n	n	n	n
16	n	n	n	n	n	3	5	11	6	3	n	n	1	1	n
17	n	n	n	n	n	3	3	11	6	2	n	1	1	4	1
18	n	n	n	n	n	2	1	5	3	1	n	n	1	2	n
19	n	n	n	n	n	n	1	2	1	n	n	n	1	3	1
20	n	n	n	n	n	1	n	n	n	n	n	n	1	1	n
21	n	n	n	n	n	1	n	1	n	n	n	1	1	1	n
22	n	n	n	n	n	4	1	1	n	n	2	2	2	2	1
23	n	n	n	n	n	7	3	3	1	n	17	13	8	5	3
24	n	n	n	n	n	3	2	2	n	n	45	22	9	3	3
25	n	n	n	n	n	1	n	n	n	n	7	6	4	1	3
26	n	n	n	n	n	n	n	n	n	n	2	2	3	1	3
27	n	n	n	n	n	n	n	n	n	n	1	1	2	1	3
28	n	n	n	n	n	n	n	n	n	n	n	n	1	n	2
45	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
4	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	15	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	8	4	15	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
8	3	23	35	15	5	3	2	1	1	1	n	n	n	n	n	n	n	n
9	1	7	15	24	19	14	4	2	3	1	n	n	n	n	n	n	n	n
10	1	7	4	13	14	16	30	16	20	12	1	1	n	n	n	n	n	n
11	n	3	1	4	8	13	16	24	17	24	5	3	1	n	n	n	n	n
12	n	2	1	3	7	12	7	16	21	24	8	4	1	1	1	n	n	n
13	n	1	n	1	2	5	2	6	6	8	12	8	3	2	1	n	n	n
14	n	n	n	n	n	1	1	n	1	2	6	5	2	1	1	1	n	n
15	n	n	n	n	n	n	n	n	1	n	11	11	6	4	3	2	n	n
16	n	n	n	n	n	n	n	n	n	13	18	17	10	9	4	n	1	
17	n	n	n	n	n	n	n	n	n	7	11	25	20	26	13	n	4	
18	n	n	n	n	n	n	n	n	n	4	5	13	13	23	8	n	2	
19	n	n	n	n	n	n	n	n	n	n	1	1	2	8	4	n	4	
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	1
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	1
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	8	7	
23	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	84	16	
24	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	1	12	
25	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	14	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	14	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	22	12	3	n	48	4	n	n	62	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	23	24	13	3	47	42	2	n	35	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	9	26	20	11	4	36	17	1	2	87	7	1	n	n	n	n	n	n	n	n	n	n	n	n	n
7	1	14	16	8	n	10	20	5	n	6	64	17	5	1	17	5	2	n	n	n	1	1	1	n	n
8	1	3	9	7	n	2	13	7	n	n	19	29	14	4	79	76	22	1	n	n	11	9	6	3	2
9	n	1	3	3	n	n	5	4	n	n	2	8	10	4	3	14	32	2	1	1	8	56	17	7	8
10	n	n	n	2	n	1	1	4	n	n	1	7	7	8	1	4	16	14	8	5	16	27	43	63	36
11	n	n	n	n	n	n	1	3	n	n	1	3	5	8	n	n	6	18	15	9	11	4	10	23	15
12	n	n	n	n	n	n	1	3	n	n	1	4	4	n	n	3	14	12	8	6	1	5	2	13	
13	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	4	6	3	1	n	1	n	3
14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 30--Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
8	1	1	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	2	4	2	1	n	2	2	1	1	1	1	1	n	1	1	2	1	1	1	1	n	1	n	n	n
10	8	14	8	5	4	5	8	6	9	8	3	4	1	5	5	7	6	5	3	4	3	5	3	2	3
11	48	37	24	14	8	18	22	22	26	27	9	10	5	10	11	21	16	17	18	16	12	16	13	12	6
12	39	27	31	20	16	22	28	21	26	20	12	17	6	15	16	26	25	21	19	17	13	22	18	16	12
13	n	3	30	52	61	28	18	13	15	9	27	28	12	33	26	21	22	18	13	12	8	24	20	15	11
14	n	n	n	4	10	18	3	4	2	3	44	21	10	21	20	6	11	8	7	5	3	13	12	10	6
15	n	n	n	n	n	n	1	2	1	1	1	16	62	9	12	1	2	2	3	2	1	3	4	6	5
16	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	1	1	n	n	1	1	1	2
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n

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Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
9	1	n	n	n	n	n	1	1	1	2	1	n	n	n	n	1	n	n	n	1	n	n	1	n	n
10	3	3	1	1	2	4	5	4	6	8	2	2	3	1	1	4	2	1	1	1	2	3	5	1	1
11	8	11	9	6	5	14	13	14	19	27	7	7	8	5	3	13	9	7	2	4	6	10	20	3	4
12	14	15	12	8	7	18	20	24	28	26	8	13	12	7	6	18	15	8	3	6	10	20	21	4	5
13	22	19	14	12	10	23	25	21	16	10	13	18	19	12	10	26	18	14	6	10	17	19	11	6	10
14	12	14	10	5	7	14	14	10	4	2	8	11	12	7	7	12	13	8	5	7	10	9	5	5	6
15	27	11	11	8	28	11	3	2	1	n	21	13	20	16	13	8	12	12	16	20	16	6	1	18	18
16	2	4	5	6	34	3	2	1	1	n	26	7	9	14	18	2	4	11	54	28	8	2	n	34	19
17	n	n	1	2	1	n	n	n	n	n	2	1	n	5	7	n	n	2	4	6	1	1	n	13	5
18	n	n	1	1	n	n	n	n	n	n	1	1	1	2	n	1	1	1	2	2	n	n	2	3	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-6. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the spring season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
10	1	1	1	1	n	n	n	n	n	1	n	n	2	1	n	n	1	n	n	n	n	n	n	n	n
11	3	4	1	3	1	n	n	1	1	1	1	n	3	1	1	1	2	n	n	1	n	n	n	n	n
12	5	3	2	3	2	n	1	1	1	1	1	2	4	3	2	1	1	1	1	1	n	n	n	n	n
13	11	9	3	5	2	1	1	3	2	3	1	1	6	6	3	1	4	n	3	1	n	n	n	n	1
14	7	7	2	5	2	1	n	2	1	2	1	2	5	2	2	n	2	n	1	1	n	n	n	n	n
15	11	10	8	14	7	4	2	6	5	8	5	3	15	11	8	3	8	3	3	4	n	n	n	n	1
16	17	10	30	32	15	9	7	17	13	28	6	12	33	26	16	9	23	6	12	12	1	n	n	1	3
17	7	7	37	16	29	13	55	36	31	45	44	44	12	17	11	30	33	10	25	28	2	2	3	2	6
18	3	2	5	3	13	6	25	17	19	4	33	26	3	6	6	48	12	15	21	20	1	1	2	1	3
19	n	n	n	n	2	1	1	2	5	n	1	n	n	1	1	1	1	51	13	5	19	1	2	1	5
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	7	4	1	4	3
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	4	3	5	3
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	10	6	11	7
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	12	19	17	18	15
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	6	8	10	8	5
25	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	2	2	2
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1

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Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
15	1	n	n	n	n	n	n	n
16	4	n	n	n	n	n	n	n
17	11	n	1	n	n	n	n	n
18	5	n	n	n	n	n	n	n
19	5	n	1	n	n	n	n	n
20	1	39	15	1	n	n	n	n
21	1	19	6	4	3	1	n	n
22	3	9	13	15	17	9	1	n
23	3	7	18	67	60	52	9	2
24	1	4	7	3	4	20	38	18
25	n	1	2	1	1	2	20	25
26	n	n	n	n	1	1	3	8
27	1	n	n	n	n	n	1	2
28	n	n	n	n	n	1	1	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 3 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
13	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
17	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
18	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
19	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
20	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
23	n	n	n	n	n	1	n	n	n	n	1	n	n	n	n
24	n	n	n	n	n	n	n	n	n	n	4	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
4	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	4	6	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
9	n	n	7	6	5	3	n	n	n	n	n	n	n	n	n	n	n	n
10	n	n	n	n	n	n	5	n	5	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	n	1	5	1	5	n	n	n	n	n	n	n	n
12	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
18	n	n	n	n	n	n	n	n	n	n	1	1	1	2	2	n	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	73	2
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1

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Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	3	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	n	n	n	n	3	n	n	n	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	n	n	n	n	40	n	n	n	41	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	n	n	7	n	n	n	3	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	n	n	n	n	n	n	n	42	9	n	n	n	1	n	n	n	n	n	n	n	n	n	n
7	n	n	n	n	n	n	n	n	n	1	13	n	n	n	23	5	n	n	n	n	n	n	n	n	n
8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	39	39	9	n	n	n	n	2	n	n	n
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	4	n	n	n	n	23	4	2	n
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	9	36	n
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
10	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	17	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	34	10	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
13	n	n	13	20	29	2	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
14	n	n	n	n	7	8	n	n	n	n	23	1	n	2	n	n	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	1	10	33	3	3	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
15	8	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
16	n	n	n	n	14	n	n	n	n	n	6	n	n	n	n	n	n	n	18	4	n	n	n	6	n
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n	n	3	n

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
16	n	n	8	n	n	n	1	n	n	11	1	2	n	n	n	1	n	1	n	n	n	n	n	n	n
17	n	n	5	n	n	n	22	1	n	20	15	14	n	n	n	7	1	n	1	n	n	n	n	n	n
18	n	n	n	n	n	n	3	1	n	n	9	6	n	n	n	20	1	12	2	n	1	n	n	1	n
19	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	30	3	n	18	2	n	3	2
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-7. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
19	n	n	5	n	n	n	n	n
20	n	40	14	n	n	n	n	n
21	n	1	n	n	n	n	n	n
22	n	n	n	3	2	n	n	n
23	n	n	n	38	15	12	1	n
24	n	n	n	n	1	5	5	n
25	n	n	n	n	n	n	4	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 10 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
2	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n
3	4	2	1	n	n	n	n	n	n	n	n	n	n	n	n
4	7	4	1	n	n	n	n	n	n	n	n	n	n	n	n
5	8	6	1	n	n	n	n	n	n	n	n	n	n	n	n
6	11	6	1	n	n	n	n	n	n	n	n	n	n	n	n
7	8	2	n	n	n	n	n	n	n	n	n	n	n	n	n
8	9	1	n	n	n	n	n	n	n	n	n	n	n	n	n
9	5	n	n	n	n	1	n	n	n	n	n	n	n	n	n
10	4	n	n	n	n	3	n	n	n	n	n	n	n	n	n
11	1	n	n	n	n	5	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	4	n	n	n	n	n	n	n	n	n
13	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n
14	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	2	1	1	n	n	n	n	n	n	n
17	n	n	n	n	n	2	1	2	n	n	n	n	n	n	n
18	n	n	n	n	n	1	1	1	n	n	n	n	n	n	n
19	n	n	n	n	n	1	1	2	n	n	n	n	n	1	n
20	n	n	n	n	n	2	1	1	n	n	4	2	n	n	n
21	n	n	n	n	n	1	n	n	n	n	2	1	n	n	n
22	n	n	n	n	n	2	n	n	n	n	4	2	n	n	n
23	n	n	n	n	n	2	n	n	n	n	16	4	n	n	n
24	n	n	n	n	n	1	n	n	n	n	16	5	n	n	n
25	n	n	n	n	n	n	n	n	n	n	3	1	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	14	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	14	1	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	3	4	9	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n
7	n	8	7	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	7	15	10	9	7	2	n	1	n	n	n	n	n	n	n	n	n
9	n	1	10	11	8	8	4	2	2	1	n	n	n	n	n	n	n	n
10	n	n	1	2	2	3	10	4	10	3	n	n	n	n	n	n	n	n
11	n	n	n	n	n	1	5	8	5	8	n	n	n	n	n	n	n	n
12	n	n	n	n	n	n	n	2	n	4	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	1	1	1	1	n	n	n	n
16	n	n	n	n	n	n	n	n	n	n	1	1	4	4	4	1	n	1
17	n	n	n	n	n	n	n	n	n	n	2	2	3	5	13	2	n	1
18	n	n	n	n	n	n	n	n	n	n	3	4	3	4	6	n	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	4	n	2
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	1	2
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	2	1
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	8	2
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	82	4
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3

Land Segment	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
1	27	6	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
2	9	1	n	n	1	1	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
3	6	1	n	n	8	6	3	n	10	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
4	2	n	n	n	52	11	4	n	59	5	2	2	1	n	n	n	n	n	n	n	n	n	n	n	n	
5	n	n	n	n	31	25	4	n	22	17	5	5	3	n	1	n	n	n	n	n	1	n	n	n	n	
6	n	n	n	n	4	12	4	1	2	67	28	8	5	1	6	3	2	1	n	n	3	n	1	n	n	
7	n	n	n	n	n	1	n	n	n	5	32	3	1	n	36	12	6	n	n	n	2	3	1	n	n	
8	n	n	n	n	n	n	n	n	n	n	6	2	n	n	49	62	24	n	n	n	1	17	8	3	3	
9	n	n	n	n	n	n	n	n	n	n	1	n	n	n	2	10	11	n	n	n	n	41	14	7	6	
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	n	n	n	n	14	17	58	8	
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	19	7	
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n
58	2	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
8	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	3	2	1	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	9	5	5	3	2	1	n	n	n	n	1	1	n	1	1	n	n	n	n	n	n	1	n	n	n
11	34	8	9	6	5	4	n	n	n	n	3	3	1	3	2	1	1	n	n	n	n	1	n	n	n
12	44	15	20	11	8	6	1	n	n	n	5	7	2	6	5	2	2	n	n	n	n	2	n	n	n
13	n	n	26	41	47	12	n	n	1	n	10	9	6	13	7	1	2	n	n	n	n	2	n	n	n
14	n	n	1	4	14	16	1	n	n	n	36	9	4	11	5	1	1	n	n	n	n	1	n	n	n
15	n	n	n	1	n	n	n	n	n	n	5	16	45	8	8	n	1	n	n	n	n	1	n	n	n
16	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
10	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	1	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	2	n	n	n	1	3	1	1	n	n	n	n	1	n	n	1	n	n	1	n	n	n	n	n	n
13	3	n	n	n	3	3	1	n	n	n	2	n	2	n	n	1	n	n	1	1	n	n	n	1	1
14	3	n	n	n	2	2	n	n	n	n	2	n	1	n	n	n	n	n	2	1	n	n	n	1	n
15	12	n	n	n	9	2	n	n	n	n	4	n	2	n	n	n	n	n	6	4	n	n	n	4	n
16	1	n	n	n	22	2	n	n	n	n	10	n	3	n	n	1	n	n	28	10	n	n	n	15	n
17	n	n	n	n	1	n	n	n	n	n	2	n	n	n	n	n	n	n	3	4	n	n	n	6	n

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
13	n	n	1	n	n	n	n	n	n	1	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
14	n	n	1	1	n	n	n	n	n	1	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n
15	n	n	3	2	2	n	1	1	1	3	2	1	3	n	n	1	2	1	n	n	n	n	n	n	1
16	n	n	19	5	3	n	6	7	5	24	6	8	4	1	n	5	7	3	6	6	1	1	1	1	2
17	n	n	9	2	1	n	46	16	8	25	36	32	1	n	n	34	11	6	17	10	3	2	n	3	5
18	n	n	2	1	1	n	11	8	2	1	18	13	1	n	n	29	8	18	9	3	2	2	1	2	3
19	n	n	n	n	n	n	2	3	2	n	n	n	n	n	n	2	1	36	8	2	25	11	5	12	11
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	5	4	4	2
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-8. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
17	3	n	n	n	n	n	n	n
18	1	n	n	n	n	n	n	n
19	2	1	10	n	n	n	n	n
20	n	51	23	2	5	5	2	n
21	n	9	3	5	5	2	1	n
22	n	n	1	18	18	9	2	n
23	n	n	n	49	30	32	10	1
24	n	n	n	2	4	12	22	8
25	n	n	n	n	n	1	12	7
26	n	n	n	n	n	n	1	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 30 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	2	2	1	1	n	n	n	n	n	n	n	n	n	n	n
2	2	2	1	1	n	n	n	n	n	n	n	n	n	n	n
3	5	5	4	2	n	n	n	n	n	n	n	n	n	n	n
4	10	10	6	3	1	n	1	n	n	n	n	n	n	n	n
5	12	15	9	4	1	n	1	n	n	n	n	n	n	n	n
6	15	18	15	6	1	2	3	1	n	n	n	n	n	n	n
7	12	9	8	3	n	2	3	1	n	n	n	n	n	n	n
8	15	8	5	2	n	6	7	2	1	n	n	n	n	n	n
9	10	3	2	1	n	6	4	2	n	n	n	n	n	n	n
10	8	2	1	n	n	9	5	2	1	n	n	n	n	n	n
11	2	n	n	n	n	10	4	3	1	n	n	n	n	n	n
12	n	n	n	n	n	9	4	2	1	n	n	n	n	n	n
13	n	n	n	n	n	6	2	2	1	n	n	n	n	n	n
14	n	n	n	n	n	3	1	1	n	n	n	n	n	n	n
15	n	n	n	n	n	2	1	2	1	n	n	n	n	1	n
16	n	n	n	n	n	3	2	4	2	n	n	1	1	2	1
17	n	n	n	n	n	2	2	5	2	n	n	n	2	4	3
18	n	n	n	n	n	1	1	2	1	n	n	n	1	1	1
19	n	n	n	n	n	1	2	3	1	n	1	2	3	4	2
20	n	n	n	n	n	3	2	2	n	n	9	11	8	4	1
21	n	n	n	n	n	3	1	1	n	n	5	5	5	2	n
22	n	n	n	n	n	4	1	1	n	n	12	10	6	1	n
23	n	n	n	n	n	4	1	1	n	n	22	12	4	1	n
24	n	n	n	n	n	2	1	1	n	n	19	14	4	1	n
25	n	n	n	n	n	1	n	n	n	n	9	10	3	n	n
26	n	n	n	n	n	n	n	n	n	n	4	5	1	n	n
27	n	n	n	n	n	n	n	n	n	n	2	1	n	n	n
28	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n
43	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
44	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
45	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
1	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	3	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	7	1	4	1	1	1	1	1	1	1	n	n	n	n	n	n	n	n
4	19	4	4	4	2	1	2	1	1	1	n	n	n	n	n	n	n	n
5	19	5	6	6	4	2	5	4	2	1	n	n	n	n	n	n	n	n
6	12	14	16	11	10	8	7	5	6	5	2	n	n	n	n	n	n	n
7	3	15	16	9	6	4	5	4	2	3	1	2	1	n	n	n	n	n
8	n	11	23	19	17	19	14	10	11	9	2	3	1	1	1	1	n	n
9	n	3	13	16	13	13	9	11	9	8	1	1	1	n	1	n	n	n
10	n	2	3	4	4	7	12	9	14	8	4	3	2	2	2	1	n	n
11	n	n	n	1	2	2	7	10	8	12	4	3	3	2	1	1	n	n
12	n	n	n	n	n	1	1	4	3	9	3	3	2	1	1	1	n	1
13	n	n	n	n	n	n	1	n	1	2	3	2	2	1	2	n	n	n
14	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	1	n	n
15	n	n	n	n	n	n	n	n	n	n	1	1	3	3	2	2	n	n
16	n	n	n	n	n	n	n	n	n	n	1	2	8	8	7	4	n	2
17	n	n	n	n	n	n	n	n	n	n	2	4	8	11	24	8	n	4
18	n	n	n	n	n	n	n	n	n	n	4	5	5	5	9	3	n	1
19	n	n	n	n	n	n	n	n	n	n	1	n	1	2	5	4	n	5
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	1	7
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	3	6
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	9	7
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	83	8
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	7	7
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	1
27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
58	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	29	9	7	5	n	2	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	10	2	2	2	1	4	3	1	2	1	n	1	1	n	n	n	n	n	n	n	n	1	n	n	n
3	12	7	5	3	9	12	8	5	11	2	1	4	5	4	n	n	1	1	n	1	3	n	n	n	n
4	16	13	7	6	53	19	14	8	61	6	4	7	8	8	n	1	1	4	3	2	4	n	1	n	1
5	14	19	10	7	31	31	14	9	22	17	7	12	10	8	1	1	2	5	6	4	8	1	1	n	2
6	6	15	14	6	4	23	27	14	2	68	33	24	20	17	6	3	7	14	12	4	19	1	4	1	5
7	2	4	5	3	n	3	10	4	n	5	39	18	12	4	36	13	11	8	5	4	10	4	5	1	5
8	n	1	1	1	n	n	3	2	n	10	15	11	4	51	64	35	14	9	3	14	22	18	4	17	
9	n	n	n	n	n	n	1	1	n	n	3	3	3	1	3	13	21	4	3	n	6	47	24	9	18
10	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	4	9	4	n	n	3	19	25	62	19
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	n	n	1	4	5	21	11
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	2
58	2	3	3	1	n	1	1	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n

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Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
4	n	n	n	n	n	n	n	1	1	2	n	n	n	n	n	n	n	n	1	1	1	n	n	n	n
5	n	1	n	n	n	n	2	2	1	3	n	n	n	n	n	1	1	3	2	2	2	n	1	1	1
6	1	2	1	1	n	1	3	6	6	6	n	1	n	1	1	3	2	5	4	6	5	2	3	4	3
7	n	4	2	1	n	2	3	5	4	7	1	1	1	1	2	3	3	2	3	4	2	2	3	2	1
8	3	9	5	5	4	6	11	10	11	13	3	4	3	4	3	8	7	10	7	5	3	6	5	5	2
9	3	13	3	4	3	6	8	7	8	9	2	4	3	3	5	7	6	5	4	4	2	7	4	3	1
10	11	18	12	7	6	9	11	7	12	5	6	6	4	7	9	12	10	6	4	2	n	9	5	1	1
11	36	16	16	10	7	12	13	5	6	4	8	12	6	11	13	12	14	4	2	1	n	15	6	1	1
12	44	20	24	15	10	15	11	7	11	5	11	14	5	15	14	12	14	7	1	1	n	11	6	1	n
13	n	2	29	47	49	18	7	3	5	2	15	16	10	19	14	8	10	3	1	n	n	10	3	1	n
14	n	n	2	6	16	18	1	1	3	n	39	13	7	15	9	3	4	1	1	1	n	3	2	n	n
15	n	n	n	1	1	1	n	n	n	n	7	18	47	10	12	2	3	n	n	n	n	4	1	n	n
16	n	n	n	n	n	n	n	n	n	n	n	1	3	2	3	n	1	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																									
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V	
4	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n
5	n	n	n	n	n	1	1	1	2	2	n	n	n	n	n	1	n	n	n	n	n	n	1	2	n	n
6	2	3	3	1	1	2	1	3	5	6	1	2	1	1	n	2	3	1	n	n	2	4	4	n	1	
7	1	3	1	1	1	1	3	3	3	4	2	2	2	1	2	2	2	1	1	2	3	4	1	2		
8	5	4	4	1	3	6	8	8	10	14	5	4	5	4	4	7	5	4	2	5	4	6	10	3	4	
9	6	4	2	1	5	6	6	6	7	8	4	5	5	3	3	6	5	3	3	2	5	3	5	3	3	
10	5	4	2	1	6	8	8	9	11	11	6	5	7	5	4	9	5	3	5	5	5	4	5	4	5	
11	11	9	4	2	5	12	14	12	9	6	6	7	9	8	5	10	9	5	3	5	9	4	2	4	7	
12	9	6	2	1	6	13	11	13	8	9	7	8	7	5	4	11	7	3	4	6	7	3	3	3	4	
13	9	6	3	1	11	10	7	5	5	4	8	4	8	4	2	7	6	3	6	5	4	1	2	5	5	
14	6	2	1	n	6	5	4	1	1	1	5	3	3	1	1	3	2	5	5	2	1	n	4	1		
15	13	1	1	n	11	4	2	1	n	n	7	1	6	3	1	2	2	1	10	7	3	1	n	8	2	
16	3	1	1	n	24	5	1	n	n	n	15	2	6	1	2	2	1	1	31	15	2	1	n	18	2	
17	n	n	n	n	2	n	n	n	n	n	2	n	n	n	1	n	n	n	5	6	n	n	n	8	n	
18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	2	n	

Land Segment	Hypothetical Spill Location																									
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA	
6	1	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	
7	2	1	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	
8	4	2	2	1	3	1	1	1	1	2	1	1	2	3	1	1	1	1	1	2	n	n	n	1	1	
9	2	1	2	2	1	1	1	1	1	2	1	2	3	2	2	1	2	1	2	n	n	1	n	n	n	
10	3	2	4	4	3	1	1	3	1	2	1	2	4	4	2	1	3	1	2	1	1	n	n	1	1	
11	5	3	3	5	4	2	2	2	2	3	2	2	4	5	2	2	1	2	1	1	2	1	1	1	1	
12	3	1	3	5	4	2	1	2	2	1	1	2	5	4	2	1	2	1	1	1	n	n	1	1	n	
13	2	1	3	5	4	2	1	2	1	3	2	3	6	2	1	2	4	1	1	2	n	1	n	n	1	
14	n	n	3	3	2	1	1	2	2	3	1	1	2	1	n	1	1	n	2	2	n	n	n	n	n	
15	1	1	6	6	5	2	3	3	5	5	3	3	6	2	n	2	5	1	1	3	1	1	n	2	2	
16	1	1	27	15	10	2	8	12	10	28	11	14	10	6	2	7	12	5	11	11	1	2	2	3	6	
17	n	n	13	5	6	6	50	25	20	28	40	39	3	2	1	38	21	10	25	21	5	6	2	7	14	
18	1	n	4	3	3	4	15	13	5	3	22	15	1	1	1	30	13	19	12	7	3	4	2	4	6	
19	n	n	n	n	1	2	2	4	3	n	n	1	n	n	n	2	2	36	9	3	26	14	10	14	15	
20	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	1	n	10	11	12	8	4	
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	5	8	5	3	
22	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	1	1	n	6	6	7	6	3
23	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	1	n	n	5	5	5	3	1
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	2	3	5	3	1
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	1	1	2	1	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-9. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the summer season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
10	1	n	n	n	n	n	n	n
11	1	n	n	n	n	n	n	n
12	1	n	n	n	n	n	n	n
13	1	n	n	n	n	n	n	n
14	1	n	n	n	n	n	n	n
15	1	n	n	n	n	n	n	n
16	3	n	1	n	n	n	n	n
17	12	n	1	n	n	n	n	n
18	3	n	n	n	n	n	n	n
19	6	1	11	n	n	n	n	1
20	2	53	27	4	7	8	8	6
21	1	15	10	7	9	5	4	4
22	1	8	8	22	25	15	5	2
23	n	4	7	54	36	39	15	6
24	n	1	5	5	9	17	25	15
25	n	1	2	1	2	4	17	17
26	n	1	1	n	1	2	9	14
27	n	n	n	n	n	1	2	3
28	n	n	n	n	n	1	2	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 3 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	1	n	n	n	n	1	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
13	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
14	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
17	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n
19	n	n	n	n	n	1	1	1	n	n	n	n	n	n	n
20	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
23	n	n	n	n	n	1	n	n	n	n	1	n	n	n	n
24	n	n	n	n	n	n	n	n	n	n	11	1	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 3 days-- Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	4	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	3	13	5	3	2	n	n	n	n	n	n	n	n	n	n	n	n
9	n	n	4	5	4	4	1	n	n	n	n	n	n	n	n	n	n	n
10	n	n	n	n	n	n	7	1	7	1	n	n	n	n	n	n	n	n
11	n	n	n	n	n	n	n	5	n	5	n	n	n	n	n	n	n	n
16	n	n	n	n	n	n	n	n	n	n	1	1	1	1	n	n	n	n
17	n	n	n	n	n	n	n	n	n	n	2	2	3	2	1	n	n	n
18	n	n	n	n	n	n	n	n	n	n	n	1	1	4	n	n	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	6	n	n
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	n
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	73	3
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2

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Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	39	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	3	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	n	n	n	n	9	n	n	n	16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	n	n	n	n	35	n	n	n	32	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	n	n	n	n	n	n	n	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	n	n	n	n	n	n	n	25	17	n	n	n	1	n	n	n	n	n	n	n	n	n	n
7	n	n	n	n	n	n	n	n	n	n	8	n	n	n	46	12	n	n	n	n	n	n	n	n	n
8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	17	45	15	n	n	n	n	8	1	n	n
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	26	8	6	n
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	44	2
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
58	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
10	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	32	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	14	5	13	4	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
13	n	n	11	26	38	7	n	n	n	n	6	4	n	5	1	n	n	n	n	n	n	n	n	n	n
14	n	n	n	n	1	7	n	n	n	n	24	6	1	7	4	n	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	n	8	33	3	3	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
15	8	n	n	n	8	n	n	n	n	n	1	n	n	n	n	n	n	n	5	1	n	n	n	n	n
16	n	n	n	n	11	n	n	n	n	n	5	n	n	n	n	n	n	n	21	8	n	n	n	14	n
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	3	n

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
16	n	n	19	5	n	n	4	1	n	20	5	5	6	1	n	3	4	n	1	n	n	n	n	n	n
17	n	n	16	5	1	n	41	7	n	26	28	28	3	n	n	16	8	1	n	n	n	n	n	n	n
18	n	n	n	n	n	n	1	1	1	n	3	3	n	n	n	9	n	19	6	2	2	1	n	n	n
19	n	n	n	n	n	n	n	1	2	n	n	n	n	n	n	n	n	27	12	6	31	5	1	8	3
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	1	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-10. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 3 days--Cont.

Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
19	n	n	6	n	n	n	n	n
20	n	72	25	n	n	n	n	n
21	n	3	n	n	n	n	n	n
22	n	n	n	4	2	n	n	n
23	n	n	n	42	27	16	1	n
24	n	n	n	n	1	11	11	n
25	n	n	n	n	n	n	7	1

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 10 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	3	2	1	n	n	n	n	n	n	n	n	n	n	n	n
2	4	3	1	n	n	n	n	n	n	n	n	n	n	n	n
3	6	4	1	n	n	n	n	n	n	n	n	n	n	n	n
4	7	5	1	n	n	n	n	n	n	n	n	n	n	n	n
5	7	5	2	n	n	n	n	n	n	n	n	n	n	n	n
6	10	3	1	n	n	n	n	n	n	n	n	n	n	n	n
7	9	1	n	n	n	n	n	n	n	n	n	n	n	n	n
8	9	1	n	n	n	1	n	n	n	n	n	n	n	n	n
9	5	n	n	n	n	2	n	n	n	n	n	n	n	n	n
10	2	n	n	n	n	4	n	n	n	n	n	n	n	n	n
11	n	n	n	n	n	5	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	4	n	n	n	n	n	n	n	n	n
13	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n
14	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	1	1	1	n	n	n	n	n	n	n
16	n	n	n	n	n	2	2	3	n	n	n	n	n	n	n
17	n	n	n	n	n	3	2	3	n	n	n	n	n	n	n
18	n	n	n	n	n	1	n	1	n	n	n	n	n	n	n
19	n	n	n	n	n	2	2	3	n	n	n	1	n	n	n
20	n	n	n	n	n	5	1	1	n	n	3	1	n	n	n
21	n	n	n	n	n	2	n	n	n	n	2	n	n	n	n
22	n	n	n	n	n	2	n	n	n	n	2	1	n	n	n
23	n	n	n	n	n	2	n	n	n	n	11	5	n	n	n
24	n	n	n	n	n	1	n	n	n	n	19	7	1	n	n
25	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n
58	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 10 days-- Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
2	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	7	1	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	5	9	4	1	1	n	n	n	n	n	n	n	n	n	n	n	n
7	n	12	14	10	4	2	n	n	n	n	n	n	n	n	n	n	n	n
8	n	5	15	14	12	9	5	1	2	1	n	n	n	n	n	n	n	n
9	n	n	4	5	6	6	7	4	5	2	n	n	n	n	n	n	n	n
10	n	n	n	n	n	n	9	6	10	6	n	n	n	n	n	n	n	n
11	n	n	n	n	n	n	n	6	n	6	n	n	n	n	n	n	n	n
13	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n
14	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	1	n	n
16	n	n	n	n	n	n	n	n	n	n	4	5	5	5	2	n	n	n
17	n	n	n	n	n	n	n	n	n	n	3	3	5	5	10	3	n	n
18	n	n	n	n	n	n	n	n	n	n	n	n	1	1	6	1	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	1	5	10	n	3	n
20	n	n	n	n	n	n	n	n	n	n	n	n	n	1	11	4	5	n
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	3	1	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	11	2	n
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	75	5	n
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																									
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J	
1	56	16	6	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
2	14	8	5	1	4	2	n	n	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
3	4	3	1	n	25	9	2	n	36	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
4	n	1	n	n	58	18	2	n	50	12	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
5	n	n	n	n	3	16	8	n	1	38	11	3	1	n	4	2	1	n	n	n	n	n	n	n	n	
6	n	n	n	n	n	1	4	1	n	31	41	11	4	1	17	9	4	n	n	n	3	3	1	n	n	
7	n	n	n	n	n	n	n	1	n	n	13	6	2	1	56	29	13	n	n	n	4	10	3	3	n	
8	n	n	n	n	n	n	n	n	n	n	1	1	n	n	17	51	30	1	n	n	3	33	13	9	5	
9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n	n	n	36	20	21	11	
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	55	12	
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n
58	5	4	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
8	2	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	8	4	2	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	22	13	10	6	5	3	n	n	n	n	1	2	n	3	1	1	1	n	n	n	n	1	n	n	n
11	38	13	15	14	7	8	1	n	1	n	6	6	2	7	6	2	1	n	n	n	n	1	n	n	n
12	15	5	18	15	15	11	3	n	2	n	9	9	5	10	8	5	5	1	n	n	n	5	1	n	n
13	n	n	11	28	42	11	1	n	n	n	15	15	10	15	11	3	4	n	n	n	n	5	1	n	n
14	n	n	n	n	1	7	n	n	n	n	29	10	11	12	9	n	n	n	n	n	n	n	n	n	n
15	n	n	n	n	n	n	n	n	n	n	n	9	35	4	4	n	n	n	n	n	n	n	n	n	n

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
10	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	2	n	n	n	2	3	1	n	n	1	2	n	1	n	n	1	n	n	n	n	n	n	n	n	n
12	5	1	n	n	4	6	3	1	2	n	3	n	2	n	n	2	1	n	3	1	n	1	n	2	n
13	8	1	n	n	8	7	3	2	n	n	4	2	4	n	n	4	1	n	4	4	2	n	n	3	1
14	7	1	1	n	4	4	n	n	n	n	4	1	3	1	n	1	1	n	4	2	1	n	n	2	1
15	9	n	n	n	14	1	n	n	n	n	5	n	2	1	1	n	n	n	9	6	1	n	n	6	2
16	n	n	n	n	11	n	n	n	n	n	5	n	n	1	1	n	n	n	22	9	1	n	n	16	2
17	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	2	n	n	n	4	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-11. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 10 days--Cont.

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
12	n	n	1	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
13	n	n	3	2	n	n	1	n	n	2	n	n	2	n	n	1	1	n	n	n	n	n	n	n	n
14	n	n	1	1	1	n	n	1	n	2	1	1	1	n	n	n	1	n	n	n	n	n	n	n	n
15	1	n	4	4	1	n	2	3	1	5	2	4	5	1	n	3	3	1	3	1	1	n	n	n	n
16	1	n	23	13	5	n	10	12	8	21	13	12	12	4	n	13	13	9	8	7	3	3	1	4	3
17	n	n	18	8	6	1	55	19	8	28	40	39	5	1	n	30	14	11	17	10	4	3	2	4	6
18	n	n	n	n	n	n	1	2	2	n	5	4	n	n	n	10	n	19	8	4	4	3	2	3	2
19	n	n	n	n	1	n	n	1	5	n	n	n	n	n	n	n	n	28	14	10	37	17	9	18	14
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	8	11	5	11	7
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	1	n
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	1	1
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n

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Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
15	n	n	1	n	n	n	n	n
16	1	n	1	n	n	n	n	n
17	1	n	1	n	n	n	n	n
18	n	n	1	n	n	n	n	n
19	3	n	14	1	1	1	n	n
20	1	84	38	10	14	9	2	n
21	n	11	4	9	8	4	1	n
22	n	2	3	17	13	8	1	n
23	n	n	n	46	36	28	7	n
24	n	n	n	n	1	13	22	5
25	n	n	n	n	n	12	10	
26	n	n	n	n	n	1	2	

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 30 days

Land Segment	Hypothetical Spill Location														
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
1	4	4	3	1	1	n	n	n	n	n	n	n	n	n	n
2	6	6	4	2	1	n	n	n	n	n	n	n	n	n	n
3	9	9	6	2	n	n	n	n	n	n	n	n	n	n	n
4	10	13	8	3	n	n	n	n	n	n	n	n	n	n	n
5	11	12	8	3	n	1	1	n	n	n	n	n	n	n	n
6	16	10	7	4	1	2	2	n	n	n	n	n	n	n	n
7	14	6	3	3	1	4	3	n	n	n	n	n	n	n	n
8	14	4	2	1	n	8	4	1	n	n	n	n	n	n	n
9	6	2	1	n	n	8	3	1	n	n	n	n	n	n	n
10	2	1	1	n	n	9	3	2	n	n	n	n	n	n	n
11	n	n	n	n	n	8	2	2	n	n	n	n	n	n	n
12	n	n	n	n	n	5	3	2	n	n	n	n	n	n	n
13	n	n	n	n	n	4	2	2	n	n	n	n	n	n	n
14	n	n	n	n	n	2	1	1	n	n	n	n	n	n	n
15	n	n	n	n	n	2	1	2	1	n	n	n	1	n	n
16	n	n	n	n	n	2	3	4	1	n	1	1	1	2	n
17	n	n	n	n	n	3	2	5	1	n	1	2	2	2	1
18	n	n	n	n	n	1	n	1	n	n	n	1	1	1	n
19	n	n	n	n	n	2	3	4	1	n	4	7	5	3	1
20	n	n	n	n	n	7	3	3	n	n	18	18	4	2	1
21	n	n	n	n	n	3	1	1	n	n	9	7	1	n	n
22	n	n	n	n	n	3	n	1	n	n	7	6	1	1	n
23	n	n	n	n	n	3	1	1	n	n	16	10	2	1	n
24	n	n	n	n	n	1	n	n	n	n	22	12	3	1	n
25	n	n	n	n	n	n	n	n	n	n	2	2	1	n	n
44	n	n	n	n	n	n	n	n	n	1	n	n	n	n	1
45	n	n	n	n	n	n	n	n	1	3	n	n	n	n	2
46	n	n	n	n	n	n	n	n	1	1	n	n	n	n	1
47	n	n	n	n	n	n	n	n	n	1	n	n	n	n	1
55	n	n	n	n	n	n	n	n	1	1	n	n	n	n	1
58	1	1	1	1	1	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
 T# = hypothetical shuttle tanker route segments
 #(letter) = pipeline route segments
 ** = Greater than 99.5 percent; n = Less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table E-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																	
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18
1	3	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	6	1	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n
3	16	n	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	33	3	7	3	1	1	2	1	1	n	n	n	n	n	n	n	n	n
5	16	5	11	7	3	3	3	1	3	1	n	n	n	n	n	n	n	n
6	3	11	19	11	8	6	7	4	3	3	n	n	n	n	n	n	n	n
7	1	16	17	15	10	9	6	5	4	5	n	n	n	n	n	n	n	n
8	n	8	17	19	17	15	12	9	10	8	2	n	n	n	n	n	n	n
9	n	n	5	6	7	10	10	11	10	9	1	1	1	n	1	n	n	n
10	n	n	n	n	n	1	10	8	12	8	3	2	2	1	1	n	n	n
11	n	n	n	n	n	1	n	6	2	7	3	2	1	1	3	1	n	n
12	n	n	n	n	n	n	n	n	n	1	2	2	2	2	2	1	n	1
13	n	n	n	n	n	n	n	n	n	2	2	2	2	2	2	1	n	1
14	n	n	n	n	n	n	n	n	n	n	1	1	1	1	2	1	n	n
15	n	n	n	n	n	n	n	n	n	n	2	2	1	2	3	2	n	1
16	n	n	n	n	n	n	n	n	n	n	5	6	8	7	6	4	n	2
17	n	n	n	n	n	n	n	n	n	n	3	4	6	7	12	5	n	3
18	n	n	n	n	n	n	n	n	n	n	n	n	1	2	6	1	n	1
19	n	n	n	n	n	n	n	n	n	n	n	n	1	1	7	11	n	8
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	13	6	13
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	5	4
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	3	12	3
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	75	8
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3
55	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
58	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location																								
	1A	2A	3A	4A	1B	2B	3B	4B	5B	1C	1D	2D	3D	4D	1E	1F	1G	2G	3G	4G	5G	1H	1I	1J	2J
1	60	25	13	7	n	4	3	1	1	n	n	n	1	n	n	n	n	n	n	1	n	n	n	n	n
2	19	18	16	13	5	9	4	3	5	2	1	1	1	1	n	n	n	n	n	n	1	n	n	n	n
3	7	18	17	11	29	19	12	3	40	5	3	3	2	1	1	n	1	n	n	n	1	n	n	n	n
4	3	12	15	11	61	34	22	5	52	17	9	6	5	3	2	2	4	2	1	n	4	1	1	n	2
5	3	6	8	11	3	25	24	11	1	42	19	15	10	5	5	4	7	5	2	1	8	2	3	1	2
6	1	2	3	6	1	3	11	11	n	32	47	27	19	9	18	11	15	9	3	1	16	7	10	2	9
7	n	1	1	2	n	n	2	7	n	n	14	13	11	8	56	30	22	10	3	1	17	15	15	6	11
8	n	n	n	1	n	n	1	2	n	n	1	4	5	5	17	52	36	9	3	2	10	35	25	11	19
9	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	5	4	2	1	2	36	24	22	19
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	1	8	55	16
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1
58	7	7	7	4	n	n	1	2	n	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n

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Land Segment	Hypothetical Spill Location																								
	1K	1L	1M	1N	1O	1P	2P	3P	4P	5P	1Q	1R	1S	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S	12S	13S
4	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	1	1	1	1	1	1	2	1	2	2	n	n	n	1	n	1	1	n	1	n	n	n	n	n	n
6	2	5	3	2	3	4	4	4	5	4	1	2	1	1	1	2	1	2	1	1	n	2	1	n	n
7	3	8	4	3	2	4	4	5	6	7	3	3	1	3	2	6	4	4	2	2	1	4	2	1	1
8	6	16	11	7	5	8	11	6	11	7	5	7	4	7	7	9	8	4	3	2	1	7	4	1	n
9	10	13	10	8	7	9	6	5	8	5	6	7	4	6	7	9	8	5	3	2	1	8	2	n	1
10	23	18	16	12	10	11	8	4	7	3	8	9	5	12	11	8	8	4	3	2	n	8	4	2	1
11	38	14	16	16	9	12	4	3	3	1	10	12	7	11	12	7	7	2	3	2	n	6	3	3	n
12	15	5	18	15	15	12	6	2	4	1	10	10	7	12	10	7	8	4	2	1	n	8	4	2	1
13	n	n	11	28	42	11	1	1	1	n	16	15	11	15	12	3	6	2	1	n	n	7	3	1	n
14	n	n	n	n	1	7	n	n	n	n	29	10	11	12	9	n	n	1	n	n	n	1	1	n	n
15	n	n	n	n	n	n	n	n	n	n	9	35	4	4	n	n	n	n	n	n	n	n	n	n	n
16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	1	n	n
17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 30 days-- Cont.

Land Segment	Hypothetical Spill Location																								
	14S	15S	16S	17S	1T	2T	3T	4T	5T	6T	7T	8T	9T	10T	11T	12T	13T	14T	1U	1V	2V	3V	4V	5V	6V
4	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	n	n	1	1	1	1	n	1	n	n	1	n	n	1	n	n	n	n	n	n	n	1	n
6	1	n	n	n	n	1	2	2	5	5	1	n	1	n	n	1	n	n	1	n	1	1	3	1	n
7	3	1	1	n	3	4	3	3	4	7	3	1	2	1	n	3	1	1	2	2	1	2	3	2	1
8	5	3	n	n	4	6	7	5	8	9	2	2	6	1	1	4	3	1	4	3	3	2	4	4	2
9	5	2	1	n	6	8	6	4	5	8	6	1	5	1	1	7	2	1	6	4	2	2	3	5	1
10	9	4	2	1	6	11	8	7	6	4	7	3	8	3	2	7	3	2	5	6	3	4	4	5	3
11	7	4	1	1	9	9	5	5	3	3	7	4	7	2	6	4	2	6	5	4	3	2	5	4	
12	8	2	2	1	7	9	6	4	4	2	7	3	7	5	3	5	4	2	8	6	4	3	2	6	5
13	10	4	3	1	9	8	5	3	2	n	7	4	6	4	3	6	3	2	5	7	5	3	n	6	3
14	7	3	2	n	4	5	1	1	1	n	5	2	5	2	1	1	2	2	4	4	1	1	n	4	2
15	9	1	1	n	14	1	n	n	n	n	5	1	3	1	1	1	2	1	10	6	1	n	n	7	3
16	n	2	1	1	11	n	n	n	n	n	6	3	1	3	4	1	2	1	22	9	3	1	n	16	3
17	n	1	1	1	n	n	1	n	n	n	1	1	n	1	2	n	1	2	n	2	n	1	n	4	1

Land Segment	Hypothetical Spill Location																								
	7V	8V	9V	10V	11V	12V	1W	2W	3W	4W	1X	2X	3X	4X	5X	1Y	2Y	1Z	2Z	3Z	1AA	2AA	3AA	4AA	5AA
6	n	n	n	1	1	n	n	1	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n
7	1	n	1	1	n	n	1	n	n	1	1	1	n	n	n	1	1	n	n	n	n	n	n	n	n
8	n	n	3	2	1	n	1	1	1	2	3	2	3	n	n	3	2	1	1	1	n	n	n	n	n
9	1	n	3	3	2	1	n	2	1	4	1	2	4	2	n	2	2	1	2	1	n	n	n	n	n
10	n	n	4	3	2	n	2	3	2	4	2	2	4	2	1	3	4	1	2	2	1	1	1	1	n
11	1	n	6	5	3	n	3	5	3	4	4	4	4	2	1	3	4	1	3	2	1	1	1	1	1
12	3	1	4	5	4	1	3	5	3	4	3	3	5	4	1	4	5	2	3	3	1	2	1	2	2
13	2	1	5	5	2	1	2	3	4	5	2	2	5	3	1	3	4	1	3	3	1	1	1	1	1
14	1	n	3	3	2	1	2	2	2	2	3	2	3	1	1	2	3	2	2	2	n	1	1	1	1
15	2	n	5	5	2	2	4	4	2	5	3	5	6	2	1	3	3	2	4	3	1	2	2	2	1
16	3	n	24	13	7	2	10	13	10	21	14	12	13	5	4	14	14	10	9	8	4	5	3	6	5
17	2	1	18	9	9	3	55	20	11	28	40	40	5	3	2	30	16	12	18	13	6	6	6	6	10
18	n	n	n	n	1	1	1	2	3	n	5	4	n	n	n	10	n	19	8	4	4	3	3	3	2
19	n	n	n	n	1	n	n	1	5	n	n	n	n	n	n	n	n	28	14	11	39	20	15	21	17
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	11	19	14	18	11
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	5	5	5	3
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	3	2	3	3
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	5	2	1	
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n
45	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
46	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table E-12. Conditional probabilities (expressed as percent chance) that an oil spill starting at a particular location in the autumn season will contact a certain land segment within 30 days--Cont.

Land Segment	Hypothetical Spill Location							
	6AA	1AB	2AB	1AC	2AC	3AC	4AC	5AC
9	n	n	1	n	n	n	n	n
10	1	n	1	n	n	n	n	n
11	1	n	n	n	n	n	n	n
12	1	n	1	n	n	n	n	n
13	1	n	n	n	n	n	n	n
14	1	n	1	n	n	n	n	n
15	1	n	1	n	n	n	n	n
16	3	n	2	n	n	n	n	n
17	4	n	2	n	n	n	1	1
18	2	n	2	n	n	n	n	n
19	6	n	15	1	2	3	3	2
20	2	85	44	15	23	21	12	6
21	1	12	8	15	15	10	4	3
22	1	2	4	20	16	12	4	1
23	1	n	2	47	38	31	13	5
24	n	n	1	n	1	13	27	12
25	n	n	n	n	n	n	16	15
26	n	n	n	n	n	n	1	4

Note: Hypothetical Spill Locations: L# = subareas
T# = hypothetical shuttle tanker route segments
#(letter) = pipeline route segments
** = Greater than 99.5 percent; n = Less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.



The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The **MMS Royalty Management Program** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.