

AN OILSPILL RISK ANALYSIS FOR THE GULF OF
MEXICO OUTER CONTINENTAL SHELF LEASE AREA
REGIONAL ENVIRONMENTAL IMPACT STATEMENT

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Contents

	Page
Abstract -----	1
Introduction -----	2
Decisionmaking under risk and uncertainty -----	3
Summary of the proposed action and the major alternatives -----	4
Environmental resources -----	4
Estimated quantity of oil resources -----	6
Probability of oilspills occurring -----	8
Oilspill trajectory simulations -----	10
Combined analysis of oilspill occurrence and oilspill trajectory simulations -----	12
Discussion of results -----	15
Conclusions -----	16
References cited -----	17
List of Illustrations -----	19
List of Tables -----	30
Appendix A -----	137
Appendix B -----	149
Appendix C -----	183
Appendix D -----	207

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Abstract

An oilspill risk analysis was conducted for the Gulf of Mexico Outer Continental Shelf (OCS) lease area region. Results of the analysis can be used to determine relative risks associated with oil production in different regions to be offered in OCS Lease Sales 72, 74, and 79. The analysis considered the probability of spill occurrences based on historical trends; likely movement of oil slicks based on a climatological model; and locations of major environmental resources which could be vulnerable to spilled oil. The times between spill occurrence and contact with resources were estimated to aid in estimating slick characteristics.

Critical assumptions made for this particular analysis were (1) that oil exists in the lease area, and (2) that oil will be found and produced from tracts sold in sales 72, 74, and 79. On the basis of a most likely resource estimate of 241 million barrels of oil to be produced over an 18-year production life from sales to be held in 1983 (sales 72, 74, 79), it was calculated that approximately one oilspill of 1,000 barrels or larger will occur. The estimated probability that one or more oilspills of 1,000 barrels or larger will occur and contact land after being at sea less than 30 days is 41-percent. For a high resource estimate case of sales to be held in 1983, 717 million barrels are estimated to be produced over an 18-year production life with an 83-percent chance of one or more spills of 1,000 barrels or larger occurring and contacting land within 30 days. These results depend upon the routes and methods chosen to transport oil from OCS platforms to shore.

Given a total development scenario in which 5.6 billion barrels of oil are estimated to be present and produced, it was calculated that 18 oilspills of 1,000 barrels or larger will occur over the 40-year production life of the proposed lease area. The estimated probability that one or more oilspills of 1,000 barrels or larger will occur and contact land after being at sea less than 30 days is greater than 99.5 percent for this scenario. These probabilities also reflect the assumptions that oilspills remain intact for up to 30 days, do not weather, and are not cleaned up. It should be noted that the expected number of spills from the total development scenario is less than one-half that of the expected number from existing tanker transportation of crude oil imports in the Gulf area.

Introduction

The Federal Government has proposed to offer Outer Continental Shelf (OCS) lands off the Gulf of Mexico coast for oil and gas leasing. Three estimates of Gulf-wide oil resources were made. They include 5.6 billion barrels produced over a 40-year lease lifetime (volume scenario number 1); 241 million barrels produced over 18 years (volume scenario number 2); and 717 million barrels produced over 18 years (volume scenario number 3). This report examines what could happen if oil is found and attempts to compare relative risks of future leasing with risks of existing leases and transportation of imported oil.

Oil spills are a major concern associated with offshore oil production. An important fact that stands out when one attempts to evaluate the significance of accidental oil spills is that the problem is fundamentally probabilistic. Uncertainty exists about the amount of oil that will be produced from the leases and the number and size of spills that might occur during the life of production, as well as the wind and current conditions that would exist at the time of a spill occurrence and give movement and direction to the oil slick. Although some of the uncertainty reflects incomplete and imperfect data, considerable uncertainty is simply inherent in the problem of describing future events over which complete control cannot be exercised. Since it can not be predicted with certainty that a probabilistic event such as an oil spill will occur, only the likelihood of occurrence can be quantified. The range of possible effects that may accompany a decision on oil and gas production must be considered. In attempting to maintain perspective on the problem, each potential effect must be associated with a quantitative estimate of its probability of occurrence.

This report summarizes results of an oilspill risk analysis conducted for the proposed Gulf of Mexico OCS Lease Sales 72, 74, and 79. The study had the objective of determining relative risks associated with oil and gas production in the western (sale 74), central (sale 72), and eastern (sale 79) Gulf of Mexico. The study was undertaken for consideration in the draft environmental impact statement (EIS), which is prepared for the area by the Bureau of Land Management (BLM), and to aid in the final selection of tracts to be offered for sale. A description of the oilspill trajectory analysis model used in this analysis can be found in previous papers (Lanfear and others, 1979; Smith and others, 1982; Lanfear and Samuels, 1981). The analysis was conducted in three parts corresponding to different aspects of the overall problem. The first part dealt with the probability of oilspill occurrence and the second with the trajectories of oil spills from potential launch areas to various targets. Results of the first two parts of the analysis were then combined to give estimates of the overall oilspill risk associated with oil and gas production in the lease area.

Decisionmaking Under Risk and Uncertainty

Oilspill impacts result primarily from two events that are probabilistic in nature: oilspill occurrence caused by accidents, and oilspill movement directed by random winds and currents. Although a probabilistic event such as an oilspill cannot be predicted with certainty, the likelihood of occurrence can be quantified. The likelihood that oilspills will result from an OCS leasing decision can be estimated, but whether they will actually occur can only be known after the area is explored and the oil, if any, is produced. This situation is in contrast to a deterministic situation in which a particular action can be depended upon to produce a specific result.

In making decisions under risk and uncertainty, investigators must understand that a choice can have a range of possible outcomes. Generally, a desire to maximize the likelihood of the most favorable outcomes must be tempered by the need to minimize the probability of highly unfavorable outcomes. The U.S. Geological Survey (USGS) Oilspill Trajectory Analysis (OSTA) Model was designed to reflect the range of possible outcomes of leasing decisions by estimating the probability of occurrence for each discrete outcome; specifically, it estimates the likelihood that a particular target will be contacted by 0, 1, 2, ... N oilspills during the production life of an OCS lease area.

If an oilspill occurs at a given launch point, the probability that it will contact a particular target is termed a conditional probability. Such conditional probabilities can be very useful in identifying those launch points at which an oilspill, if it occurs, will pose the highest risks to various targets. Tables of conditional probabilities can help the analyst to select alternatives that will reduce overall risk. However, conditional probabilities do not include the probability of oilspill occurrence. It is assumed that a tract that contains little or no oil is a small risk because no matter how high the conditional probability of contacting a target may be, the small amount of oil makes it unlikely that an oilspill will occur. Also, conditional probabilities for spills originating at the production platforms do not necessarily reflect the risks of spills during transportation. For these reasons, analysts are cautioned against basing judgments solely upon conditional probabilities.

Summary of the Proposed Action and the Major Alternatives

The proposed action is to lease a large number of tracts on the Outer Continental Shelf off the U.S. coast in the Gulf of Mexico. The study area for this analysis includes all of these tracts and extends from latitude 23° N to 30° 30' N, and from longitude 81° W to 97° 30' W. Also included are reserves in existing tracts, as well as resources from sales already held and sales to be held in the area.

For purposes of this analysis, the study area was subdivided in several ways. First, in order to characterize as much of the Gulf as possible, the OCS lease sale study area was divided into the 156 subareas shown in figure 1. Second, selected subareas were combined into three planning areas, Western, Central, and Eastern (figure 2) which were each assigned resource estimates. Finally, resource areas representing the locations of natural petroleum reservoirs for existing leases are shown in figure 3.

If oil is discovered and produced, it is assumed that the oil will be transported to shore via the potential and existing pipeline and tanker routes shown in figures 4 and 5, respectively. Only major pipeline routes are being considered in this analysis, and in the western Gulf such lines mainly carry gas and condensate. These pipelines may terminate in refineries or connect to major land-based lines. For existing leases, all oil is assumed to be piped ashore via the nearest pipeline route. Crude oil imported to the Gulf area is assumed to be transported via waterborne carriers, such as tankers and barges (see figure 5). Cities that receive major volumes of such imports include: Port Arthur, Galveston, Freeport, Corpus Christi, and Brownsville, Texas; New Orleans and Lake Charles, Louisiana; Pascagoula, Mississippi; Mobile, Alabama; and Pensacola and Port St. Joe, Florida.

Environmental Resources

The locations of 27 categories of environmental resources (or targets, as they are designated in this paper) were digitized in the same coordinate system, or base map, as that used in trajectory simulations. Targets were selected by BLM analysts. Maps showing the digitized targets are shown in appendix A, figures A-1 to A-11. The monthly sensitivities of these targets were also recorded so that, for example, a target such as migrating birds could be contacted by simulated oil spills only when the birds would be in the area. All targets are considered to be vulnerable year round unless otherwise indicated. The targets are listed below:

- Coastal inlet areas
- Sea grass beds
- East and West Flower Garden Banks
- Designated environmental preservation areas
- Major Texas beaches
- Major Louisiana beaches

- Major Mississippi beaches
- Major Alabama beaches
- Major Florida beaches
- Major Gulf beaches
- Historic and prehistoric sites
- Brown pelican rookeries
- Mississippi sandhill crane area
- Whooping crane area (vulnerable September through April)
- Sea turtle nesting beaches (vulnerable April through September)
- Manatee habitats
- Dry Tortugas
- Florida Keys
- Straits of Florida
- Atchafalaya River Basin
- Everglades National Park
- Gulf segment 1
- Gulf segment 2
- Gulf segment 3
- Gulf segment 4
- Gulf segment 5
- Gulf segment 6

The target "major Gulf beaches" represents the total of all the individual State beaches. The six Gulf segments were used to help determine which directions would predominate in spills moving out of the study area.

Because the trajectory model simulates an oilspill as a point, most targets have been given an areal extent slightly greater than they actually occupy. For example, some shoreline targets extend a short distance offshore; this allows the model to simulate a spill that approaches land, makes partial contact, withdraws, and continues on its way.

To provide a more detailed analysis for land or land-based targets, the model includes a feature that allows subdividing the coastline into land segments. Figure 6 shows the coastline divided into 43 segments selected by BLM analysts to represent county or parish boundaries. Listed below are the county (parish) names and their corresponding segment numbers:

<u>County/Parish Name</u>	<u>Land Segment Number</u>
Cameron, Tex.	1
Willacy, Tex.	2
Kenedy, Tex.	3
Kleberg, Tex.	4
Nueces, Tex.	5
San Patricio, Tex.	5
Aransas, Tex.	6
Calhoun, Tex.	7
Matagorda, Tex.	8
Brazoria, Tex.	9
Galveston, Tex.	10
Chambers, Tex.	10

Jefferson, Tex.	11
Cameron, La.	12
Vermilion, La.	13
New Iberia, La.	14
St. Mary, La.	15
Terrebonne, La.	16
Lafourche, La.	17
Jefferson, La.	18
Plaquemines, La.	19
St. Bernard, La.	20
Orleans, La.	20
St. Charles, La.	20
St. John the Baptist, La.	20
Livingston, La.	20
Tangipahoa, La.	20
St. Tammany, La.	20
Hancock, Miss.	21
Harrison, Miss.	21
Jackson, Miss.	21
Mobile, Ala.	22
Baldwin, Ala.	23
Escambia, Fla.	24
Santa Rosa, Fla.	24
Okaloosa, Fla.	25
Walton, Fla.	26
Bay, Fla.	27
Gulf, Fla.	28
Franklin, Fla.	29
Wakulla, Fla.	30
Jefferson, Fla.	30
Taylor, Fla.	31
Dixie, Fla.	32
Levy, Fla.	33
Citrus, Fla.	34
Hernando, Fla.	35
Pasco, Fla.	36
Pinellas, Fla.	37
Hillsborough, Fla.	37
Manatee, Fla.	38
Sarasota, Fla.	39
Charlotte, Fla.	40
Lee, Fla.	41
Collier, Fla.	42
Dade, Fla.	43
Monroe, Fla.	43

Estimated Quantity of Oil Resources

Considerable uncertainty exists in estimating the volume of oil that will be discovered and produced as a result of an OCS lease sale. A question exists as to whether oilspill risk calculations should be based upon a single estimate of volume, or should consider volume as a random variable and include some probability

distribution for volume in computing oilspill occurrence probabilities. The choice may depend upon how the results are to be incorporated into the benefit/risk analysis.

Benefits and risks (as well as many environmental impacts), are functions of the volume of oil, and are not independent of each other. Greater risks are associated with greater volumes of oil and greater economic benefits. If benefits are evaluated by assuming production of a specific amount of oil, then the corresponding risks should be stated in a conditional form such as, "the risks are ..., given that the volume is ...". If benefits are evaluated for a number of discrete volumes, then risks should likewise be calculated for the same volumes. Any statements about the likelihood of the presence of a particular volume of oil apply equally well to the likelihood of the corresponding benefits and risks.

The estimated oil resources used for oilspill risk calculations in this report closely correspond to those used by BLM in preparing the draft EIS for the region. These estimates are based on those derived by the Resource Appraisal Group, Geologic Division, USGS for the Bureau of Land Management (Memorandum from R. Martin, USGS, October 26, 1981). The conditional mean estimates of remaining (as of the proposed 1983 sales) undiscovered recoverable oil in each planning area are as follows:

<u>Planning Area</u>	<u>Volume (billion bbls)</u>
Eastern Gulf	0.98
Central Gulf	3.11
Western Gulf	1.43

Volume scenario number 1 refers to the total development/production of the above volumes over an assumed production life of 40 years. Volume scenario number 2 refers to the estimated "most likely" volume of oil to be produced from the lease sales to be held in 1983 (sales 72, 74, 79); and volume scenario number 3 refers to the estimated "high" volume of oil to be produced from the 1983 sales. The production lives of scenarios 2 and 3 are assumed to be 18 years each. The estimated volumes for all three scenarios are as follows:

<u>Planning Area</u>	<u>Volume (billion bbls)</u>		
	<u>Scenario 1</u>	<u>Scenario 2</u>	<u>Scenario 3</u>
Eastern Gulf	0.98	0.123	0.393
Central Gulf	3.11	0.097	0.292
Western Gulf	1.43	0.029	0.118

In addition to the above estimates, BLM analysts have developed six alternative locational distributions of volumes for analysis purposes in the Eastern Gulf planning area. The six alternatives assume oil to be distributed in various amounts among subareas in the Eastern Gulf. (The locational distributions will be detailed later in this report in the Combined Analysis section.)

We cannot overemphasize that these estimates are conditional, that is, they are based on the assumption that oil is present; if it is not present (a 30-percent probability for the Eastern planning area), then obviously, no oilspill risks exist. The remainder of this analysis is designed to answer the question, "What are the risks if oil is found?"

In addition to the crude oil estimated to be produced over the 40-year expected life of future leases, BLM estimates that 47.9 billion barrels of crude oil (21.5 billion barrels over 18 years) will be imported into the region by tankers from outside sources.

Probability of Oilspills Occurring

The probability of oilspill occurrence (given that oil is present) is based on the fundamental assumption that realistic estimates of future spill frequencies can be based on past OCS experience. This analysis is based on the assumption that spills occur independently of each other as a Poisson process and that the spill rate is dependent upon the volume of oil produced or transported. This last assumption -- that spill rate is a function of the volume of oil handled -- might be modified on the basis of size, extent, frequency, or duration of the handling. In the case of tanker transport, for example, the number of port calls and the number of tanker-years have been contemplated (Stewart, 1976, and Stewart and Kennedy, 1978). This analysis is based on volume of oil handled, since all other estimates must ultimately be derived from this quantity.

This analysis includes all types of spills resulting from U.S. OCS leasing. It considers not only well blowouts, but also other accidents on platforms, transportation of the oil to shore, and, in some cases, further transportation from an intermediate terminus to refineries. Including all of these risks allows the risks of the proposed OCS leasing to be compared to those of other alternatives, such as importing oil. Previous USGS data on OCS accidents (Danenberger, 1976; 1980) are included in the data base, but comprise only a part of the data.

Accident rates for platforms on the U.S. OCS were derived from USGS accident files (USGS, 1979a and b, unpublished reports), and from USGS production records (USGS, 1980, unpublished report). Between 1964 and 1980, ten spills of 1,000 barrels or larger occurred. Eight of these spills, however, occurred prior to 1974, indicating a possible change of the spill rate with time. Nakassis (1982) analyzed these data and concluded that the hypothesis of a constant spill rate (per barrel produced) for U.S. OCS platforms should be rejected; using a trend analysis, the 1981 spill rate was 0.79 per billion barrels.

USGS accident files are also a major source of data for pipeline accidents. The period from 1964 to 1979 was used for spills of 1,000 barrels or larger. During this period, U.S. OCS oil production was 4,386 million barrels. USGS files (1979a and b, unpublished reports) include two spills of over 10,000 barrels and seven spills (including the two) of over 1,000 barrels. Devanney and Stewart (1976) report six additional pipeline spills, but all except one (1,020 barrels) occurred in coastal channels. Adding this one spill to the USGS data gives a total of eight spills of 1,000 barrels or larger. Since nearly all U.S. OCS production has been transported to shore by pipelines, the same production statistics used for platforms can be applied to the pipeline accident data.

Accident data and oil transportation data for tankers are not maintained by the USGS, so tanker accident rates must be derived from published literature. The worldwide tanker accident rate for spills of 1,000 barrels or larger, used in recent OSTA models, is from Stewart (1976): 178 spills in 45,941 million barrels of oil transported. No detailed listing of these spills exists in the published literature.

In summary, the spill rates used in this report are:

	Spills (>1,000 bbl) per billion barrels
Platforms	0.79
Pipelines	1.82
Tankers	3.87

Spill frequency estimates for oilspills greater than 1,000 barrels were calculated for production and transportation of oil during the expected production life of the proposed leases, using volume scenarios 1, 2, and 3 for East, Central, and West planning areas and for the combined case (Gulf-wide). Similar estimates were also calculated for existing leases, and for transportation of oil imported from other areas by tanker. The assumption was made that only one-half of the spills from tanker transportation of imported oil would occur within the study area and that the other half of the spills would occur outside the study area. Table 1 shows the expected number of spills that will occur during the expected production life of the lease areas. Figure 7 shows the probabilities of 0, 1, 2, ... N spills occurring due to various proposed actions and to existing leases.

Oilspill Trajectory Simulations

The trajectory simulation portion of the model consists of a large number of hypothetical oilspill trajectories that collectively represent both the general trend and the variability of winds and currents, and which can be described in statistical terms. Representations of seasonal surface-water velocity fields were provided by Dynalysis Inc. (Princeton, New Jersey) under contract to the BLM Environmental Studies Program (Blumberg and Mellor, 1981). The currents are geostrophically derived assuming a level of no motion at the bottom of the water column and are calculated using all available hydrographic data. Short-term patterns in wind variability were characterized by probability matrices for successive 3-hour velocity transitions. A first-order Markov process with 41 wind velocity states (eight compass directions by five wind speed classes, and a calm condition) was assumed. Wind transition matrices were calculated from the U.S. Weather Service records from Key West, Florida (station number 12836); environmental buoy number 42001 (located at latitude 26.0° N., longitude 90.0° W.); and environmental buoy number 42002 (located at latitude 26.0° N., longitude 93.5° W.). The study area was divided into zones so that a simulated oilspill would, depending upon its location, be directed according to the matrix of the appropriate wind station.

Five hundred hypothetical oilspill trajectories were simulated in Monte-Carlo fashion for each of the four seasons from the 156 subareas shown in figure 1, representing proposed lease areas. The same number per season were also simulated from existing resources areas (X1 - X100, figure 3); from pipeline transportation route segments (P1-P106, figure 4); and from tankering transportation route segments (T1-T89, figure 5) and three other possible spill sites (S1-S3, figure 5). Each potential spill source was represented as either a single point, a straight line with the potential spills uniformly distributed along the line (for example, a transportation route), or as an area

(for example, the potential spills uniformly distributed within the area). Surface transport of the oil slick for each spill was simulated as a series of straight-line displacements of a point under the joint influence of winds and currents for a 3-hour period. The wind transition probability matrix was randomly sampled each period for a new wind speed and direction, and the current velocity was updated as the spill changed location or the simulated month changed. The wind drift factor was taken to be 0.035 with a variable drift angle ranging from 0 to 25° clockwise. The drift angle was computed as a function of wind speed according to the formula in Samuels and others (1981). As the simulated oilspill was moved, any contacts with targets were recorded. Spill movement continued until the spill hit land, moved off the map, or aged more than 30 days.

The trajectories simulated by the model represent only hypothetical pathways of oil slicks and do not involve any direct consideration of cleanup, dispersion, or weathering processes which could determine the quantity or quality of oil that might eventually come in contact with targets. An implicit analysis of weathering and decay can be considered by noting the age of simulated oilspills when they contact targets. For this analysis, three time periods were selected: 3, 10, and 30 days, to represent implicit measures of oil weathering, as well as matters relating to containment and cleanup.

When calculating probabilities from Monte Carlo trials it is desirable to estimate the error associated with this technique. The calculation of the standard deviation s for a particular binomial probability p is calculated as follows:

$$s = \text{SQRT}(p(1-p)/N)$$

where N = number of trials. The shape of this distribution approximates the normal curve, thus, table 2 shows, for the 90-percent confidence level of this distribution, values of s as a function of p and N . For practical purposes, the Monte Carlo error is insignificant when $N = 2,000$. Any error which does exist lies in the accuracy of the current and wind data.

Each entry in tables 3, 4, and 5 represents the probability (expressed as percent chance) that, if a spill starts from a certain launch point, it will contact a particular target within 3, 10, or 30 days, respectively. Tables 6, 7, and 8 present similar probabilities for land segments. These conditional probabilities allow for the possibility that the targets may not be vulnerable to oilspills for the entire year; a target that is vulnerable for only 1 month, for example, could have a conditional probability no higher than about 1/12.

Combined Analysis of Oilspill Occurrence and Oilspill Trajectory Simulations

Data in figure 7 indicate the probabilities of different numbers of oilspills occurring. These data are based on oilspill accidents (for platforms and pipelines) occurring on the U.S. OCS. Tables 3 to 8 indicate the probabilities that targets or land segments will be contacted, given that an oilspill occurs. The probability that, if an oilspill occurs at a certain location, or launch point, it will contact a specific target within a given time-of-travel (under the circumstances described above) is termed a conditional probability because it depends on oilspill occurrence. For a set of n_t targets and n_l launch points, these conditional probabilities can be represented in a matrix form. Let $[C]$ be an $n_t \times n_l$ matrix, where each element $c(i,j)$ is the probability that an oilspill will hit target i , given that a spill occurs at launch point j . Note that launch points can represent potential spill starting points from production areas or transportation routes.

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 expected number of spills occurring at launch point j due to production of a unit volume of oil at site k . These spills can result from either production or transportation. The $s(j,k)$ can be determined as functions of the volume of oil (spills per billion barrels). 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 $[S]$, effectively increasing n_s .

Define matrix $[U]$ as:

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

Matrix $[U]$ which has dimensions $n_t \times n_s$, is termed the unit risk matrix because each element $u(i,k)$ corresponds to the expected number of spills occurring and contacting target i due to the production of a unit volume of oil at site k . With $[U]$, it is a relatively simple matter to find the expected contacts to each target, 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 $l(i)$ corresponds to the expected number of contacts to target i ,

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

Thus, estimates of the expected number of oilspills that will occur and contact targets or land segments can be calculated.

Using Bayesian techniques, Devanney and Stewart (1974) showed that the probability of n oilspill contacts can be described by a negative binomial distribution. Smith and others (1982), however, noted that when actual exposure is much less than historical exposure, as is the case for most oilspill risk analyses, 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 expected number of spills. The matrix [L] thus contains all the information needed to use the Poisson distribution: if $P(n,i)$ is the probability of exactly n contacts to target i ,

$$P(n,i) = [l(i)^n * \exp(-l(i))]/n!$$

A critical difference exists between the conditional probabilities calculated in the previous section and the overall probabilities calculated in this section. Conditional probabilities depend only on the winds and currents in the study area -- elements over which the decisionmaker has no control. Overall probabilities, on the other hand, will depend not only on the physical conditions, but also on the course of action chosen by the decisionmaker, that is, choosing to sell or not to sell the lease tracts.

Tables 9 and 10 compare the probabilities of one or more oilspills (greater than 1,000 barrels) and the expected numbers (means) of oilspills occurring and contacting targets and land segments within periods of 3, 10, and 30 days, over the expected production life of the lease area, based on the Gulf-wide volume scenario number 1. For each time period the tables present a cumulative analysis of the proposed action; proposed action and existing leases; and proposed action plus existing leases and imported tankering of oil into the study area over the assumed production life (in this case, 40 years). Tables 11 through 16 present probabilities in a similar fashion for each planning area (Western, Central, and Eastern Gulf), based on volume scenario number 1, also. The same format was followed in calculating probabilities using volume scenario number 2 (see tables 17 through 24) and volume scenario number 3 (see tables 25 through 32), each with an assumed production life of 18 years.

The Eastern Gulf planning area was further studied by analyzing six alternative locational distributions. Appendix B presents tables of cumulative probabilities of one or more spills and the expected (mean) number of spills occurring and contacting targets and land segments within a travel time of 10 days. The Gulf was divided into the "subplanning areas" shown in figure B-1. Probabilities were calculated for each subplanning area on the basis of the volume scenario used. Tables B-1 through B-6 show the cumulative probabilities for each area based on volume scenarios 1, 2, and 3, previously described. The remaining tables in appendix B present

similar information using six additional volume scenarios developed for the alternative locational distributions. The following is a breakdown of the analysis of the subplanning areas and the alternative locational distributions in the Eastern Gulf.

<u>Table</u>	<u>Volume Scenario</u>	<u>Alternative Locational Distribution</u>	<u>Subplanning Areas</u>
B-1, B-2	1	-	1-12
B-3, B-4	2	-	1-8, 11
B-5, B-6	3	-	1-8, 10-12
B-7, B-8	4	A	8, 11, 12
B-9, B-10	5	B	11, 12
B-11, B-12	6	C	11, 12
B-13, B-14	7	A	8, 11, 12
B-15, B-16	8	B	11, 12
B-17, B-18	9	C	11, 12

Volume scenarios 4, 5, and 6 redistribute the volumes in volume scenario 2. Likewise, volume scenarios 7, 8, and 9 redistribute volumes from volume scenario 3.

The alternative locational distributions are defined as follows:

A = Assumes total production of estimated resources for the Eastern planning area is concentrated in each of the subplanning areas indicated.

B = Assumes production distribution within the Eastern planning area, by subplanning area, to be proportional to the locational distribution scheme used for volume scenario number 1, which is in turn based on USGS estimates of the general distribution of oil resources in the Eastern planning area. However, it is assumed that within the subplanning areas, the following nearshore subareas (refer to figure 2) would not be leased, i.e. have no oil production:

<u>Subplanning area</u>	<u>Subarea (from Figure 2)</u>
11	E116, E126, E127, E128, E137, E138, E139, E140, E145, E146, E151
12	E143, E144, E149, E150

C = Assumes total production of estimated resources for the Eastern planning area is concentrated in each of the subplanning areas indicated (that is, areas 11 and 12). However, within the subplanning areas, the same nearshore subareas in B (above) were assumed not to be leased.

The overall probabilities (Gulf-wide volume scenario number 1) are also shown graphically for selected targets and land segments in appendices C and D. Figures C-1 through C-23 present histograms which show probabilities of 1, 2, ... N spills occurring and contacting specific targets within periods of 3, 10, and 30 days for the cumulative case. Figures D-1 through D-3 indicate, through circles superimposed on maps of the coastline, the probabilities of one or more spills occurring and contacting land segments within 3, 10, and 30 days, for the proposed action only.

Discussion of Results

The oilspill risks calculated in this analysis generally reflect the proximity of the simulated launch areas and transportation routes to the coastline and the various targets. When using volume scenarios 2 and 3 (the "most likely" and "high" volumes, respectively, estimated to be produced from sales 72, 74, and 79 over an 18-year production life), the probabilities of one or more spills greater than 1,000 barrels occurring and contacting land within 30 days are 41- and 83-percent, respectively. There is little risk to all targets from use of volume scenario 2. However, coastal inlet areas show a 54-percent chance of contact from use of volume scenario 3. The highest probability of contact to land segments is to land segment number 19 for both scenarios 2 and 3 (10- and 25-percent, respectively).

The total development/production of a much larger assumed volume of oil (volume scenario 1) over a 40-year production life is calculated to have a greater than 99.5-percent probability of one or more spills occurring and contacting land within 30 days. Land segments most likely to be contacted range from segments numbers 8 through 24 (figure 6), for the proposed action, as well as for the cumulative case which includes existing leases and imported tankering of oil through the area. Individual targets that have a greater than 95-percent chance of being contacted by oilspills within 30 days include coastal inlet areas, Gulf beaches, historic and prehistoric sites, and brown pelican areas. The designated environmental preservation areas, Texas beaches, and sea turtle nesting areas also showed high contact probabilities (78-, 79-, and 64-percent, respectively).

Targets which show little risk from any proposed action and existing leases and imports include Mississippi sandhill and whooping crane areas and the targets located near the west coast of Florida (manatee habitats, Dry Tortugas, Florida Keys, Straits of Florida, and Everglades National Park). Similar results were obtained in a previous oilspill analysis for the Gulf of Mexico (LaBelle and Lanfear, 1980). A study by Wyant and Slack (1978) showed little risk of oilspill contact within 30 days to the east coast of Florida, as well.

It is useful to compare the probabilities of spills occurring and contacting targets over the expected production life of the proposed lease area with the risks from existing leases and tanker transportation of imported oil. In this way the relative effect of adding proposed tracts to the study area may be examined. As seen in table 9, the effect of existing leases and tankering of imports substantially increases the risk to almost all of the targets.

The information presented in all tables of Gulf-wide scenarios may be broken down by planning area. For example, tables 12, 14, and 16 show which land segments may be contacted due to leasing activity in the Western, Central, or Eastern Gulf planning areas for volume scenario number 1. Similar information is presented for volume scenarios 2 and 3. To see the "full" risks to targets contacted by spills from the Eastern Gulf planning area, the probabilities should be multiplied by the 70-percent chance that oil will be found in that area. A further breakdown into subplanning areas 1-12 (figure B-1) is presented in appendix B. In addition to volume scenarios 1, 2, and 3, six alternative locational distributions in the Eastern Gulf were analyzed. Little risk was evident for all volume scenarios from leasing in subplanning areas 11 and 12.

Conclusions

This analysis characterizes, on a regional basis, the risks involved in the leasing of OCS areas in the Gulf of Mexico. Assuming a total development/production scenario in which 5.6 billion barrels of oil are estimated to be present and produced over a 40-year production life, the estimated probability that one or more oilspills of 1,000 barrels or larger will occur and contact land within 30 days travel time is greater than 99.5-percent. This probability is reduced to 41-percent and to 83-percent for the "most likely" and "high" volume scenarios in which 241 million barrels and 717 million barrels are produced (over 18 years), respectively, from sales 72, 74, and 79.

The expected number of spills from the total development/production scenario is less than one-half that expected from existing tanker transportation of imported crude oil through the Gulf.

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List of Illustrations

<u>Figure</u>	Page
1. Map showing the Gulf of Mexico OCS Lease Sale study area divided into 156 subareas. -----	20
2. Map showing the subdivisions of the Gulf of Mexico into Western, Central, and Eastern planning areas. -----	21
3. Map showing the resource areas for existing Gulf of Mexico OCS leases. -----	22
4. Map showing the pipeline transportation route segments (P1 - P106). -----	24
5. Map showing the tankering transportation route segments (T1 - T89) and other possible spill sites (S1-S3). -----	26
6. Map showing the division of the Gulf of Mexico coastline into 43 segments (representing county boundaries) selected by BLM. -----	28
7. Estimated frequency distributions for oilspills greater than 1,000 barrels occurring during the expected production life of the Gulf of Mexico OCS lease areas. -----	29

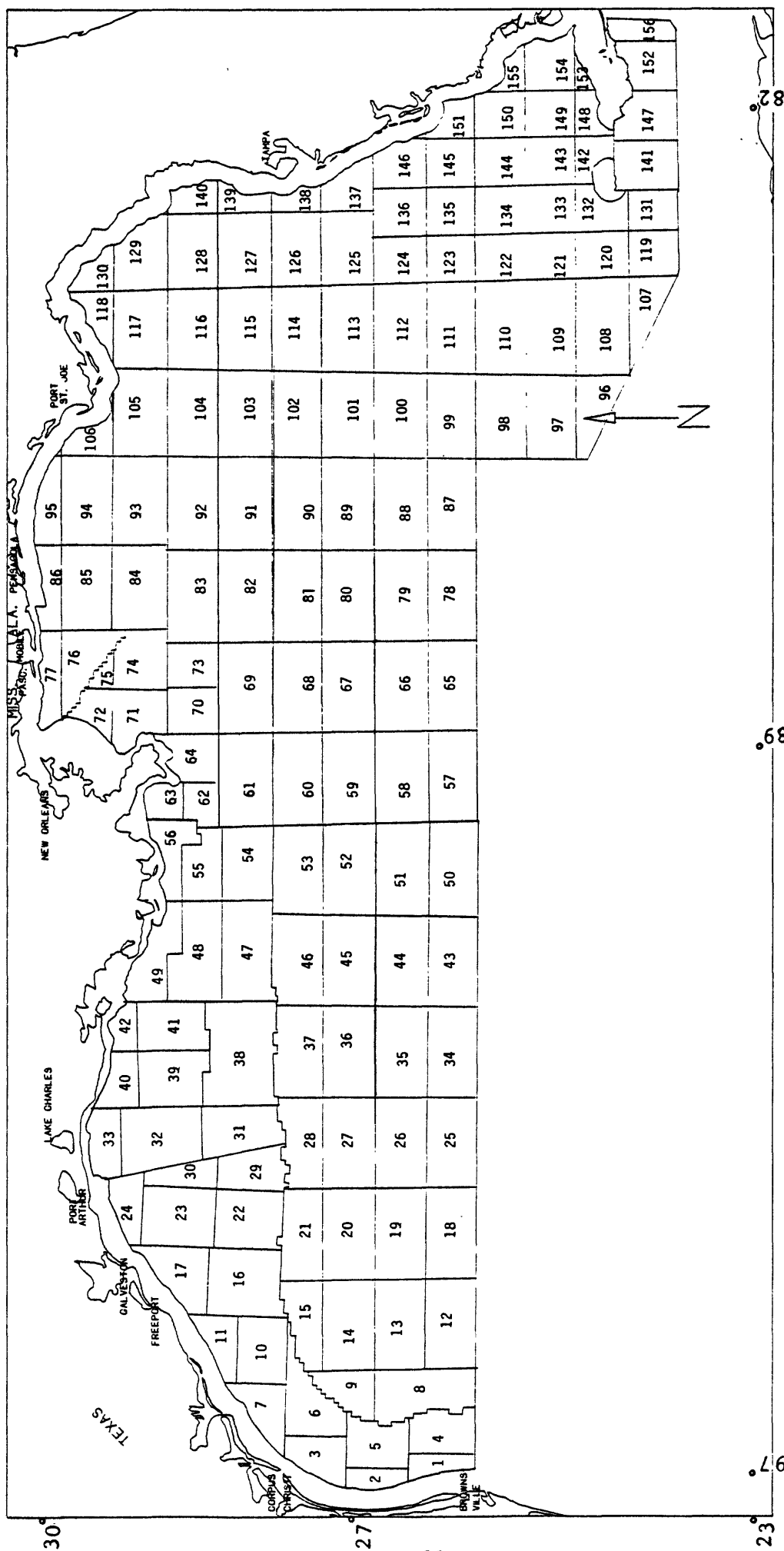


Figure 1.--Map showing the Gulf of Mexico OCS Lease Sale study area divided into 156 subareas...

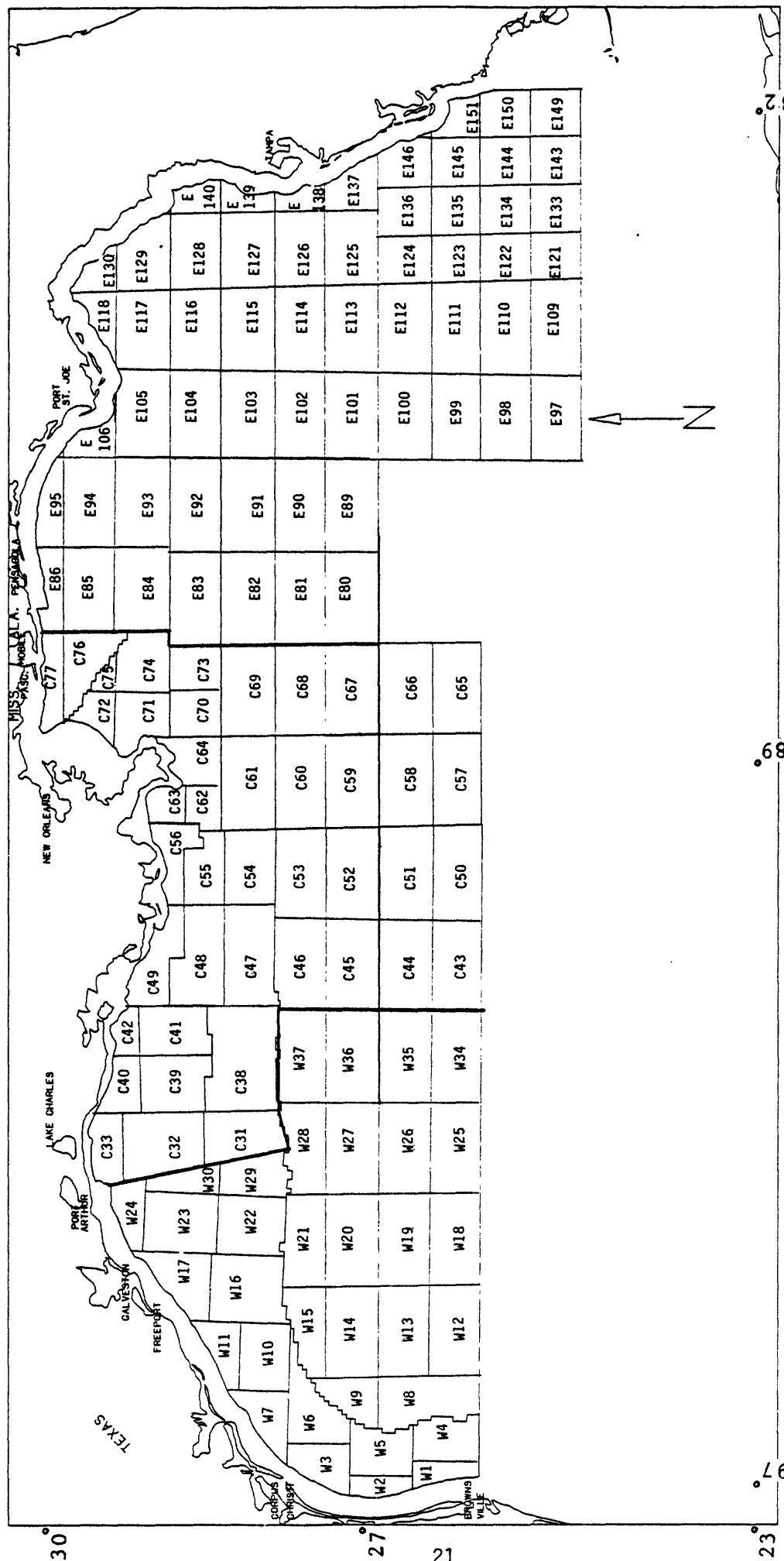


Figure 2.--Map showing the subdivisions of the Gulf of Mexico into Western, Central, and Eastern planning areas.

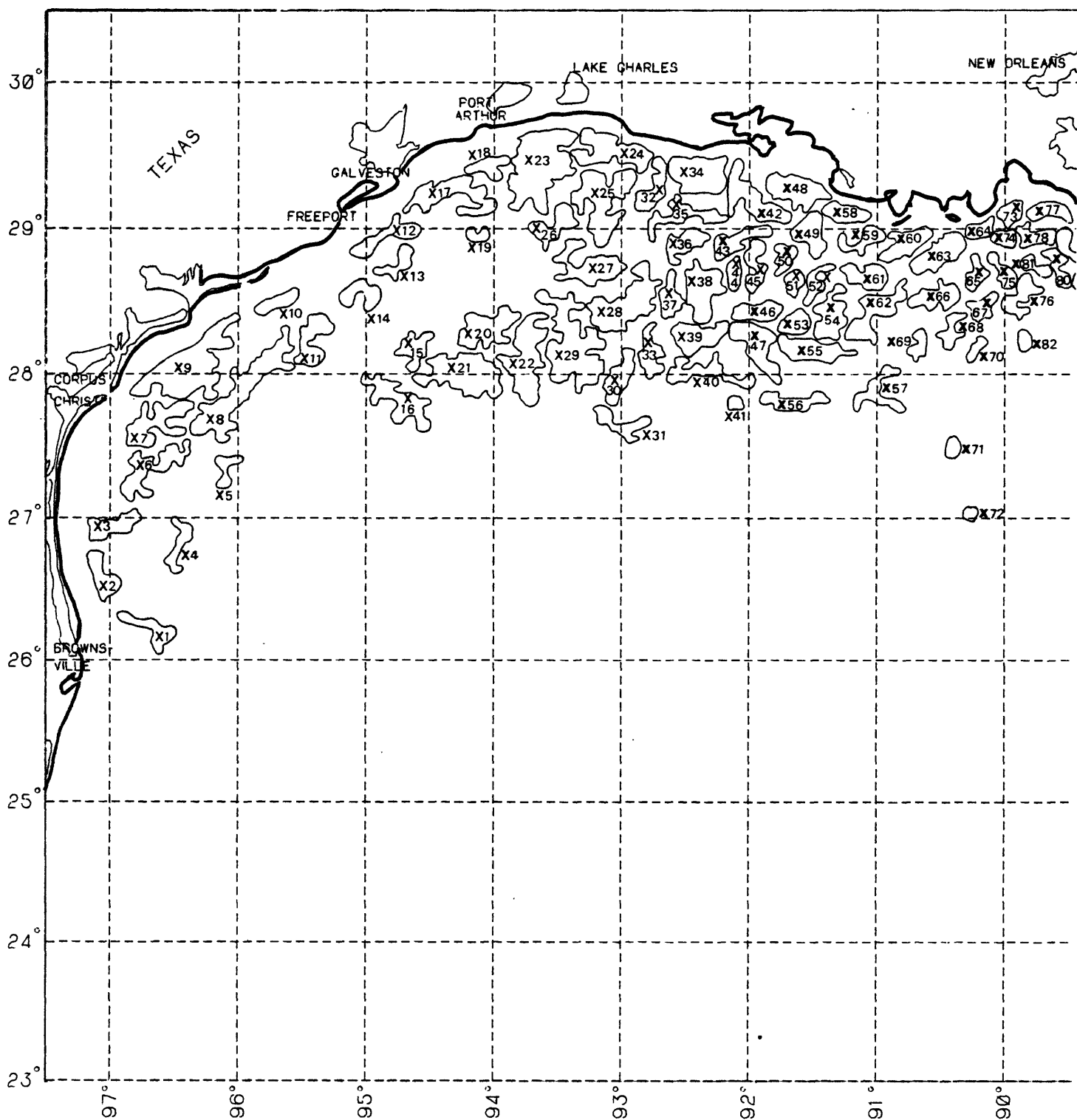


Figure 3.--Map showing the resource areas for existing Gulf of Mexico OCS leases.

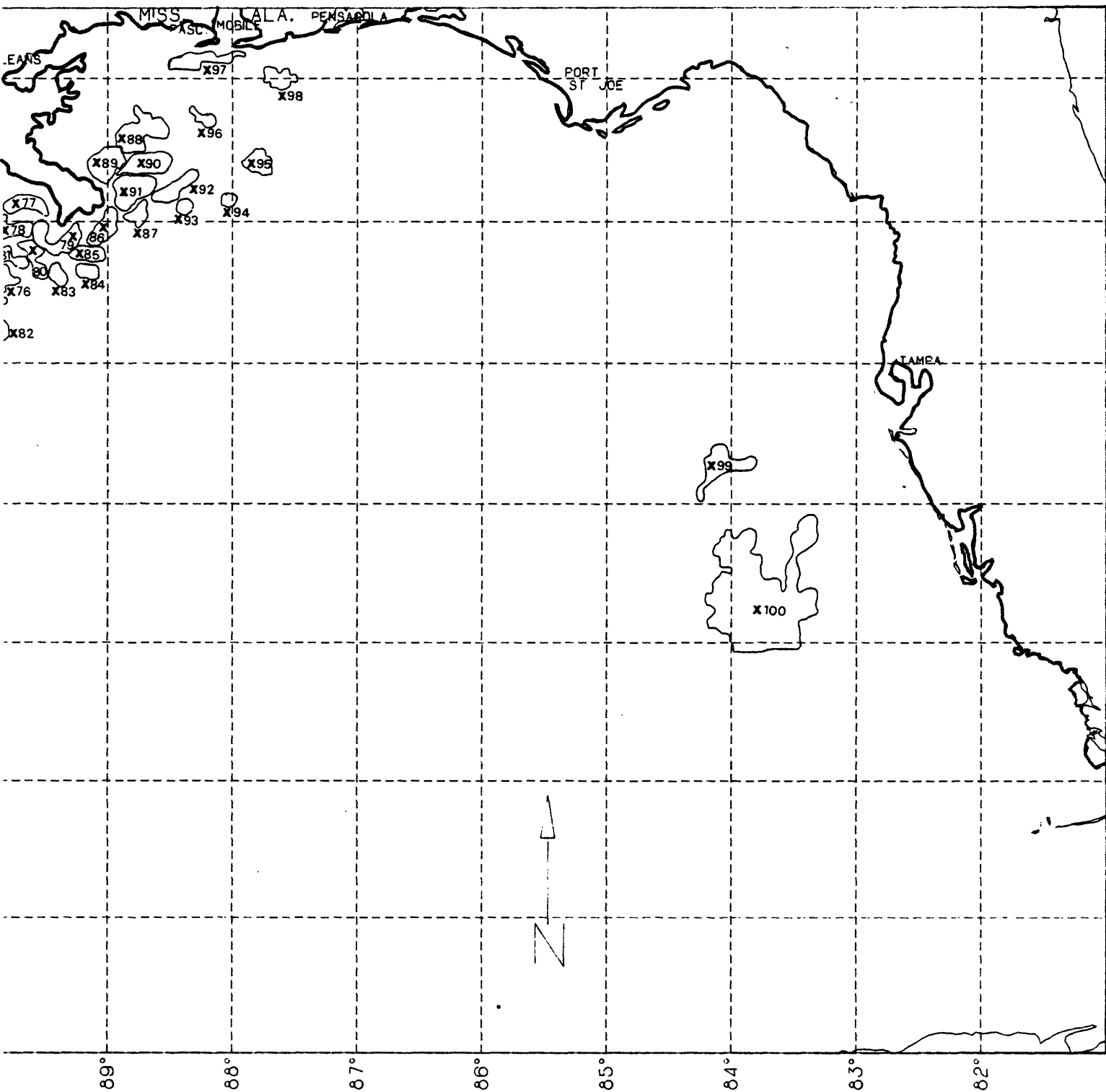


Figure 3.-- (continued)

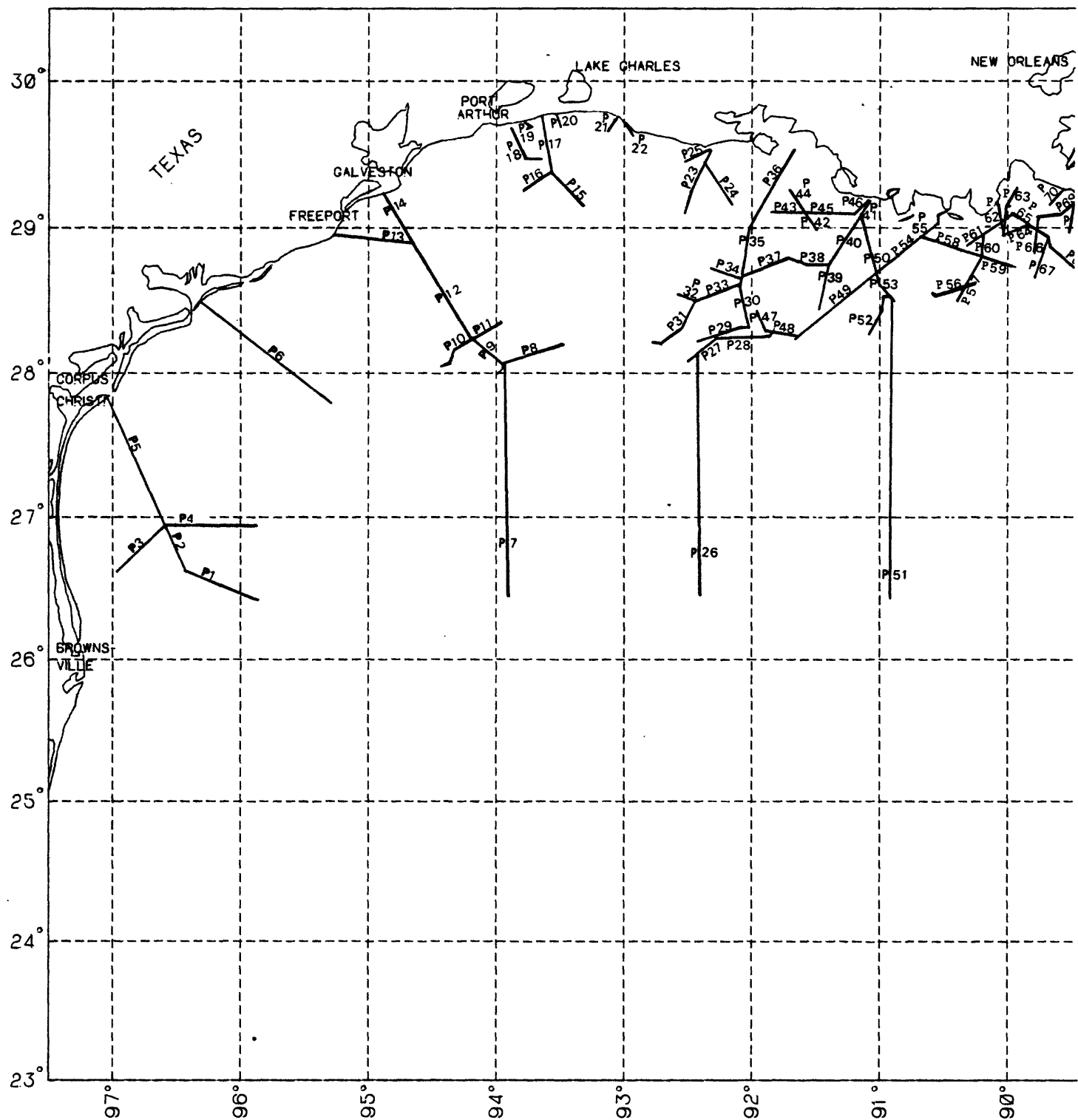


Figure 4.--Map showing the pipeline transportation route segments (P1 -P106).

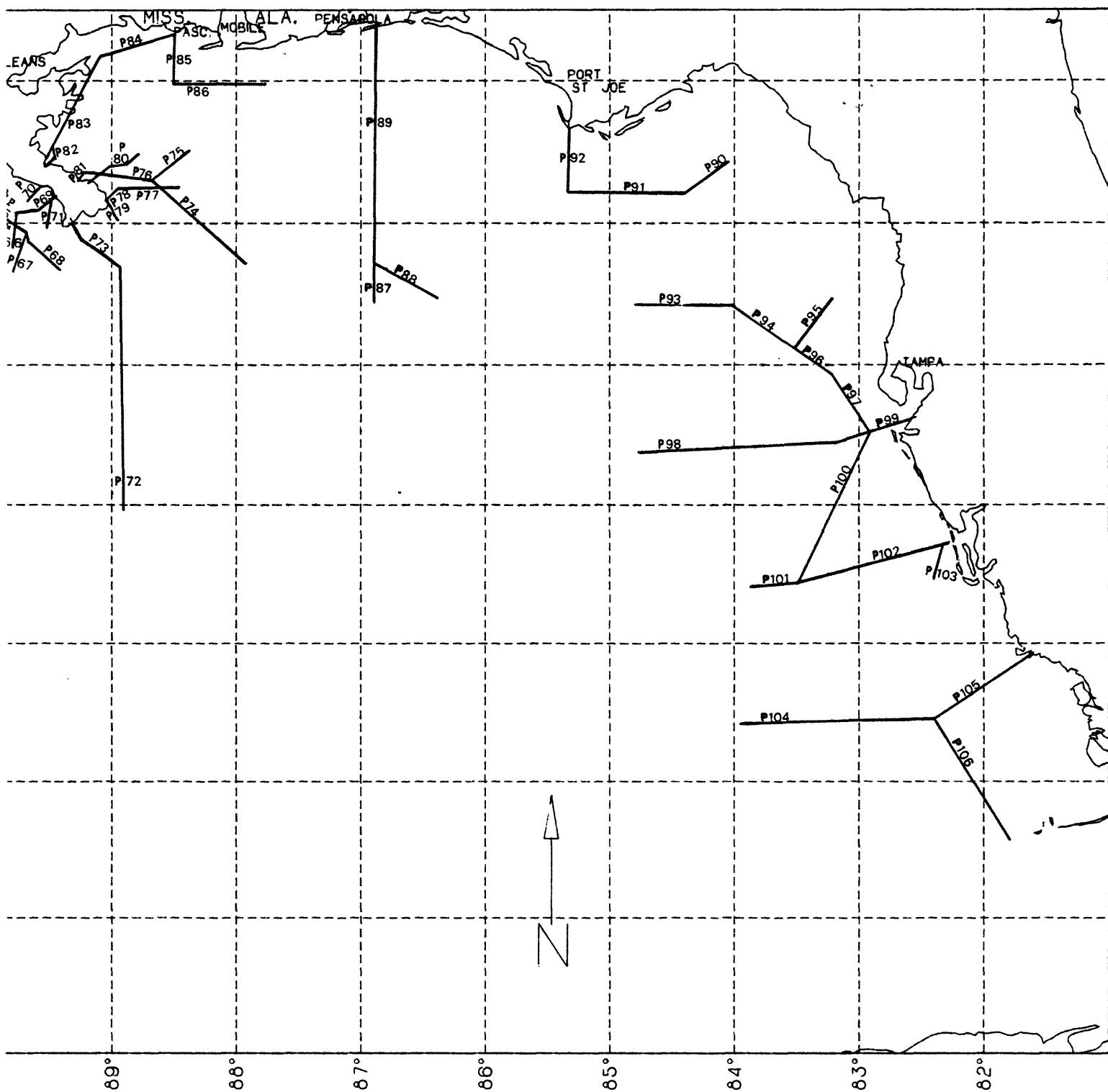


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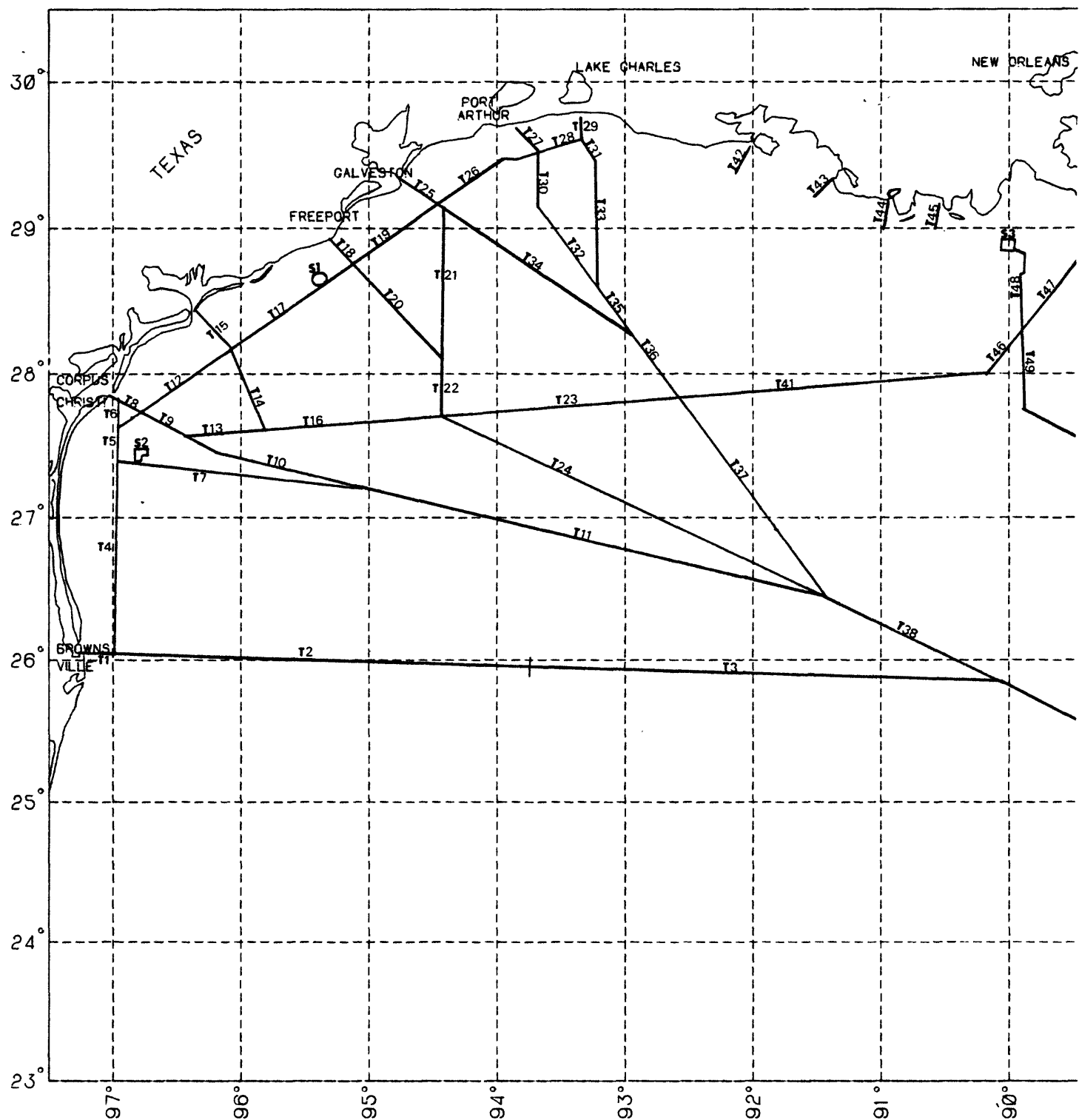


Figure 5.--Map showing the tankering transportation route segments (T1-T89) and other possible spill sites (S1-S3).

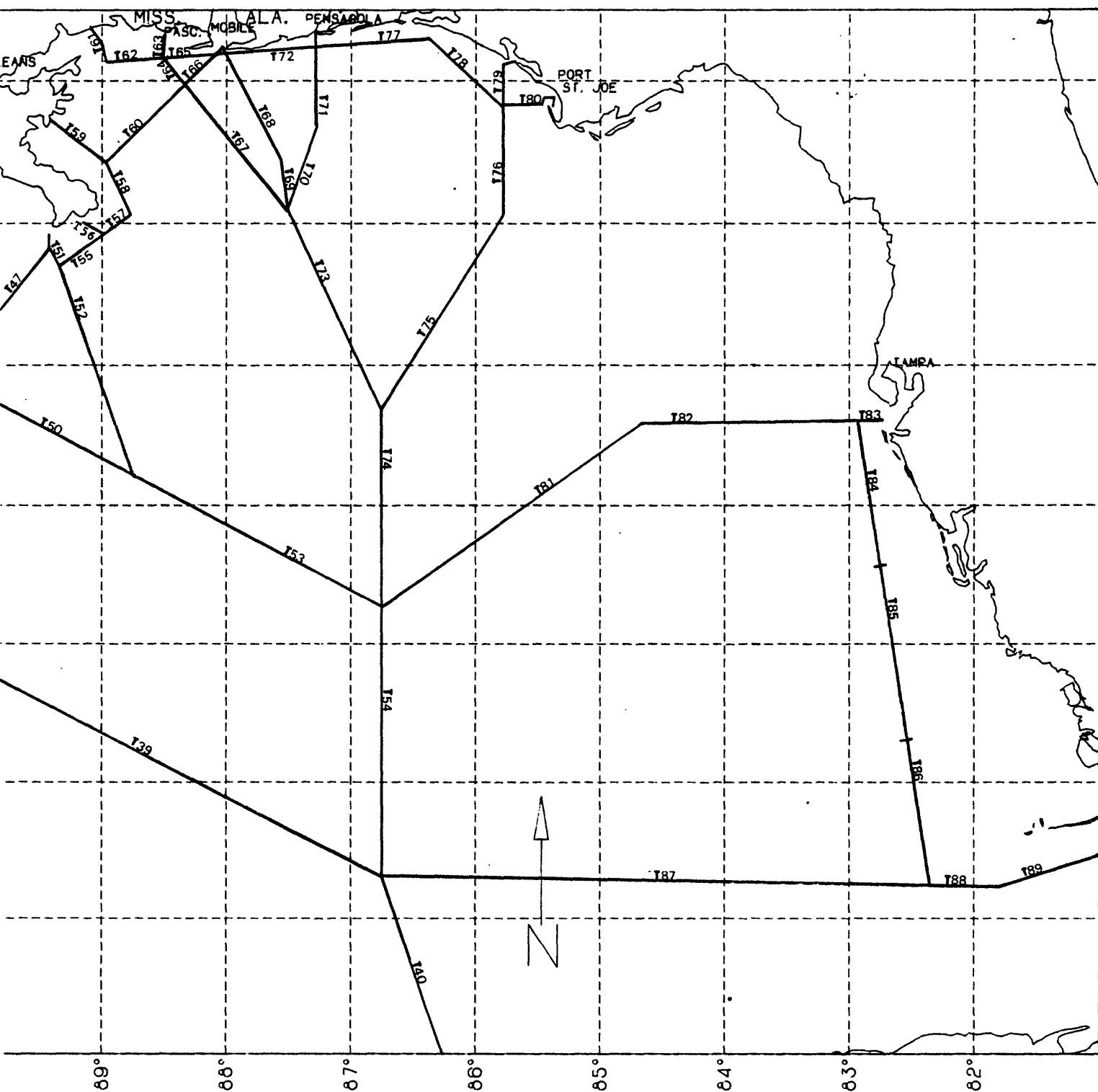


Figure 5.--(continued)

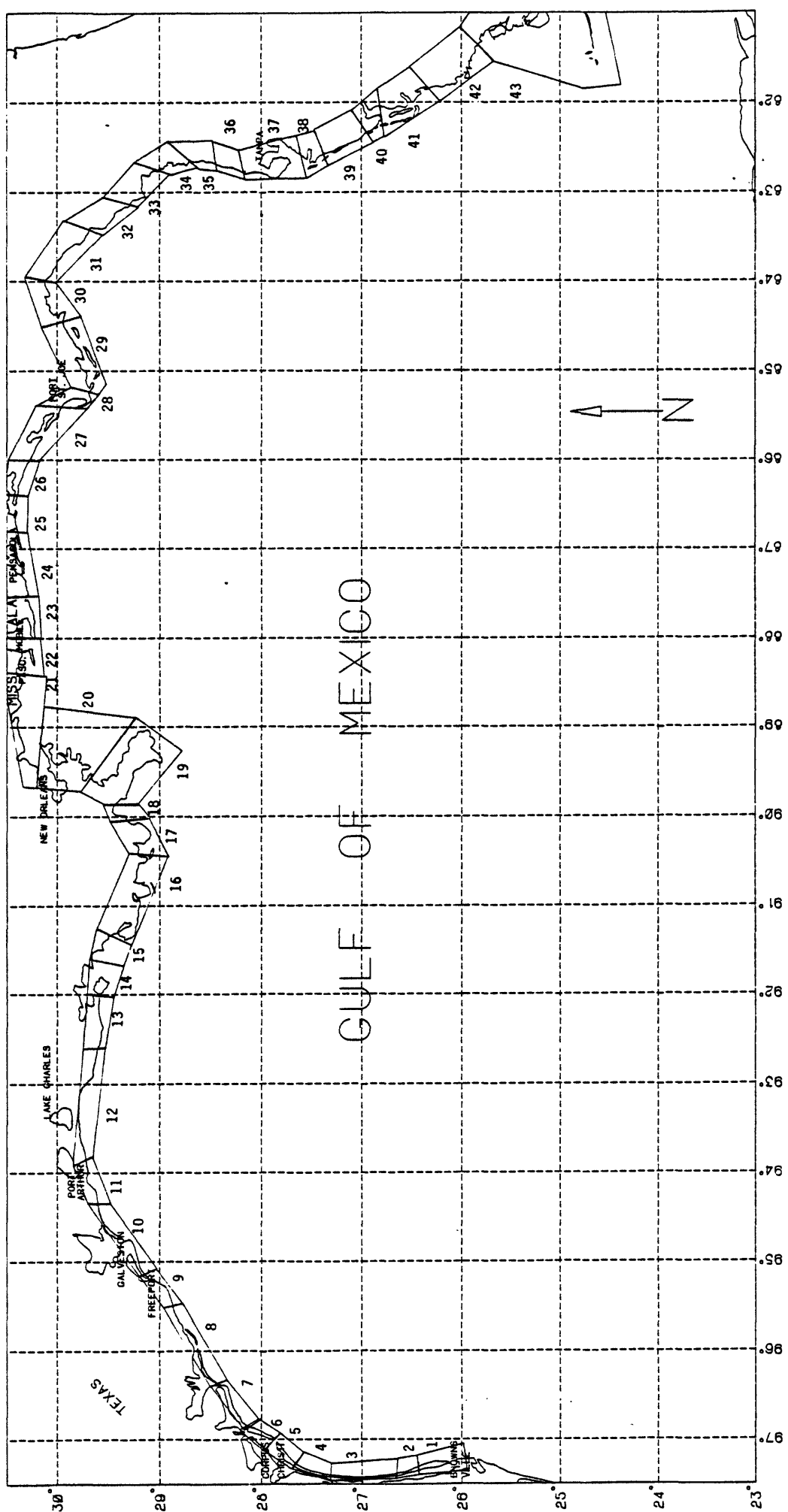


Figure 6.--Map showing the division of the Gulf of Mexico coastline into 43 segments (representing county boundaries) selected by BLM.

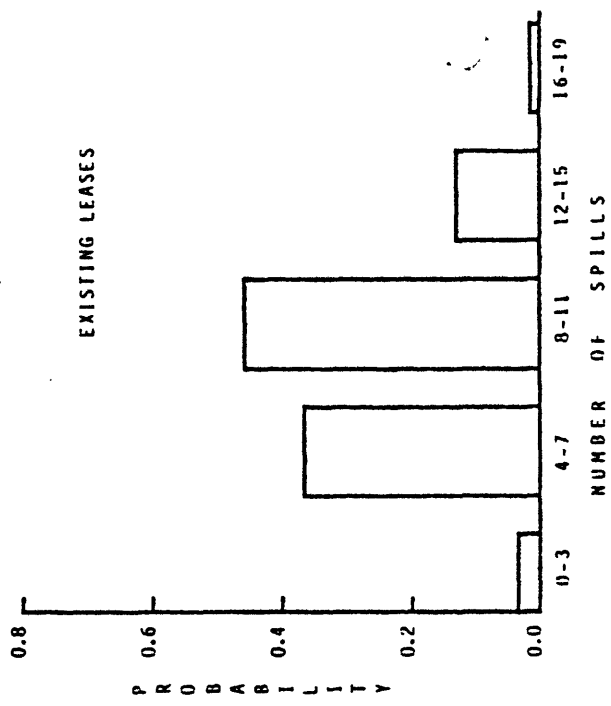
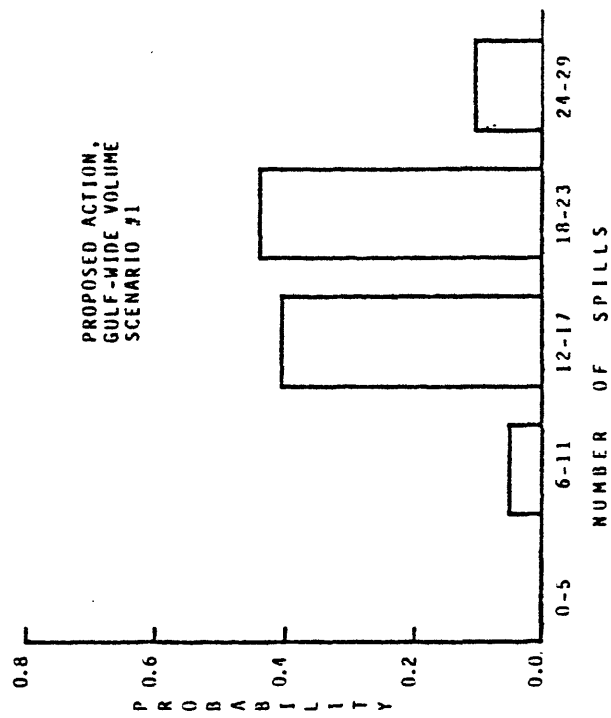
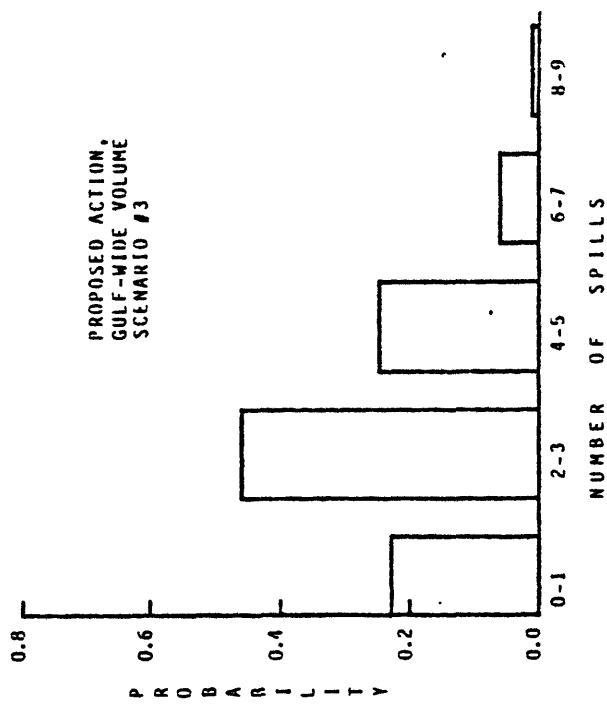
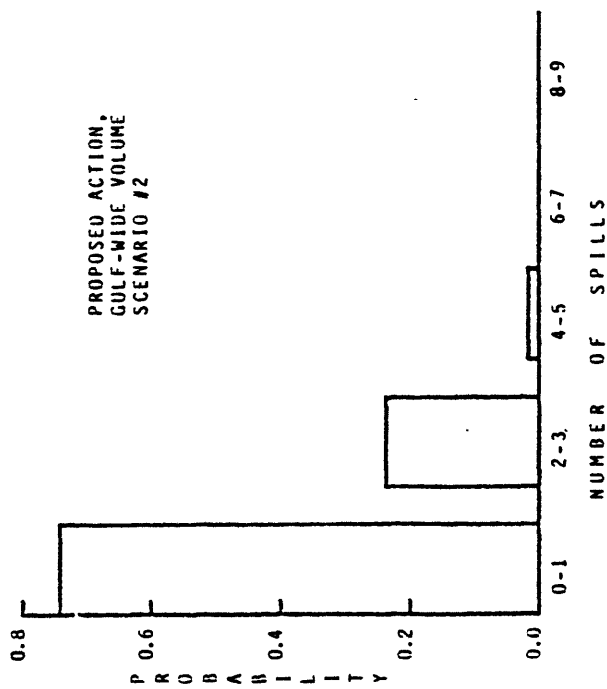


Figure 7.--Estimated frequency distributions for oilspills greater than 1,000 barrels occurring during the expected production life of the Gulf of Mexico OCS lease areas.

List of Tables

<u>Table</u>	<u>Page</u>
1. Oilspill probability estimates for spills greater than 1,000 barrels resulting over the expected production life of future OCS lease sales; from existing Federal leases; or from existing oil transportation in the study area. -----	35
2. Monte Carlo error as a function of the number of trials and the estimated probability. -----	37
3. Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days. -----	38
4. Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days. ----	57
5. Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days. ----	76
6. Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 3 days. -----	95
7. Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 10 days. -----	100
8. Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 30 days. -----	106
9. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Gulf-wide volume scenario number 1. -----	113
10. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Gulf-wide volume scenario number 1. -----	114

List of Tables (continued)

	Page
11. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Western Gulf volume scenario number 1. -----	115
12. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Western Gulf volume scenario number 1. -----	116
13. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Central Gulf volume scenario number 1. -----	117
14. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Central Gulf volume scenario number 1. -----	118
15. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Eastern Gulf volume scenario number 1. -----	119
16. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Eastern Gulf volume scenario number 1. -----	120
17. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Gulf-wide volume scenario number 2. -----	121

List of Tables (continued)

Page

18.	Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Gulf-wide volume scenario number 2. -----	122
19.	Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Western Gulf volume scenario number 2. -----	123
20.	Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Western Gulf volume scenario number 2. -----	124
21.	Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Central Gulf volume scenario number 2. -----	125
22.	Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Central Gulf volume scenario number 2. -----	126
23.	Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Eastern Gulf volume scenario number 2. -----	127
24.	Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Eastern Gulf volume scenario number 2. -----	128

List of Tables (continued)

Page

25. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Gulf-wide volume scenario number 3. -----	129
26. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Gulf-wide volume scenario number 3. -----	130
27. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Western Gulf volume scenario number 3. -----	131
28. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Western Gulf volume scenario number 3. -----	132
29. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Central Gulf volume scenario number 3. -----	133
30. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Central Gulf volume scenario number 3. -----	134
31. Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Eastern Gulf volume scenario number 3. -----	135

List of Tables (continued)

Page

32. Probabilities (expressed as percent chance) of
one or more spills, and the expected number of
spills (mean) occurring and contacting land
segments over the expected production life of
the lease area, Eastern Gulf volume scenario
number 3. ----- 136

Table 1. -- Oilspill probability estimates for spills greater than 1,000 barrels resulting over the expected production life of future OCS lease sales; from existing Federal Leases; or from existing oil transportation in the study area.

	<u>Assumed amount of oil (Bbbl)</u>	<u>Expected number of spills from platforms</u>	<u>Expected number of spills from transportation</u>	<u>Total Number of Spills</u>	<u>Probability of one or more spills (platforms)</u>	<u>Probability of one or more spills (transportation)</u>
Gulf-wide volume scenario #1	(5.60)	4.42	13.72	18.14	0.99	0.99+
Gulf-wide volume scenario #2	(0.24)	0.19	0.79	0.98	0.17	0.55
Gulf-wide volume scenario #3	(0.72)	0.57	2.25	2.82	0.43	0.89
Existing leases	(3.22)	2.54	5.85	8.39	0.92	0.99+
Tanker transportation of crude oil imports (over 40 years)	(47.90)	-	92.92	92.92	-	0.99+
Tanker transportation of crude oil imports (over 18 years)	(21.55)	-	41.81	41.81	-	0.99+

Table 1. (Continued) -- Oilspill probability estimates for spills greater than 1,000 barrels resulting over the expected production life of future OCS lease sales; from existing Federal Leases; or from existing oil transportation in the study area.

	<u>Assumed amount of oil (Bbb1)</u>	<u>Expected number of spills from platforms</u>	<u>Expected number of spills from transportation</u>	<u>Total number of spills</u>	<u>Probability of one or more spills (platforms)</u>	<u>Probability of one or more spills (transportation)</u>
<u>Scenario #1</u>						
Western Gulf	(1.42)	1.12	3.14	4.26	0.67	0.96
Central Gulf	(3.18)	2.51	6.04	8.55	0.92	0.99+
Eastern Gulf	(1.00)	0.79	4.54	5.33	0.55	0.99
<u>Scenario #2</u>						
Western Gulf	(0.03)	0.02	0.05	0.07	0.02	0.05
Central Gulf	(0.09)	0.07	0.16	0.23	0.07	0.15
Eastern Gulf	(0.12)	0.10	0.58	0.68	0.10	0.44
<u>Scenario #3</u>						
Western Gulf	(0.12)	0.09	0.21	0.30	0.09	0.19
Central Gulf	(0.28)	0.22	0.50	0.72	0.20	0.39
Eastern Gulf	(0.32)	0.26	1.54	1.80	0.23	0.79

Table 2.--Monte Carlo error as a function of the number of trials and the estimated probability.

PROBABILITY	NUMBER OF TRIALS				
	50	100	200	500	1000
0.05	0.05	0.04	0.03	0.02	0.01
0.10	0.07	0.05	0.04	0.02	0.01
0.15	0.08	0.06	0.04	0.03	0.01
0.20	0.09	0.07	0.05	0.03	0.01
0.25	0.10	0.07	0.05	0.03	0.02
0.30	0.11	0.08	0.05	0.03	0.02
0.35	0.11	0.08	0.06	0.04	0.02
0.40	0.11	0.08	0.06	0.04	0.02
0.45	0.12	0.08	0.06	0.04	0.02
0.50	0.12	0.08	0.06	0.04	0.02

Level of significance = 90 percent.

Table 3. -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23	X24	X25
Land	6	39	23	n	n	6	29	4	58	66	9	59	16	13	n	n	40	55	1	n	n	n	33	54	7
Coastal Inlet Areas	n	5	n	n	n	2	10	1	3	25	4	27	8	18	n	n	11	2	n	n	n	n	5	16	2
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	31	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	2	17	11	n	n	5	8	n	1	1	1	40	10	8	n	n	13	10	1	n	n	n	3	n	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	6	1
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	2	17	11	n	n	5	8	n	1	1	1	40	10	8	n	n	13	10	1	n	n	n	6	6	1
Dist./Preh. Sites	4	9	4	6	n	1	8	1	22	1	n	52	32	2	n	n	36	5	2	n	n	n	4	34	11
Brown Pelicans	9	56	35	n	n	7	15	6	57	70	13	4	1	13	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	7	n	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	2	20	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	X26	X27	X28	X29	X30	X31	X32	X33	X34	X35	X36	X37	X38	X39	X40	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50
Land	n	n	n	n	n	n	19	n	52	7	2	n	n	n	n	n	24	1	n	n	n	n	46	5	n
Coastal Inlet Areas	n	n	n	n	n	n	n	n	9	n	1	n	n	n	n	n	14	1	n	1	n	n	53	7	1
Sea Grass Beds	n	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 Garden Banks	n	n	n	15	4	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	4	n	n	n	n	n	n	n	5	n	n	n	n	n	1	n	n
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hist./Preh. Sites	1	n	n	n	n	n	8	n	6	2	1	n	1	n	n	n	1	17	18	9	3	n	n	n	1
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	23	3	n
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																										
	X51	X52	X53	X54	X55	X56	X57	X58	X59	X60	X61	X62	X63	X64	X65	X66	X67	X68	X69	X70	X71	X72	X73	X74	X75		
Land	n	1	n	n	n	n	n	60	29	51	6	1	40	82	28	5	2	n	n	n	n	n	81	54	12		
Coastal Inlet Areas	n	n	n	n	n	n	n	6	3	46	1	1	49	55	27	8	2	1	n	n	n	n	n	67	25	8	
Sea Grass Beds	n	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
TX Beaches	n	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	1	n	n	
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
AL Beaches	n	n	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 Beaches	n	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	1	n	n
Hist./Preh. Sites	1	n	n	n	n	n	n	1	31	14	22	6	18	8	10	2	1	n	n	n	n	n	n	14	3	2	n
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	57	6	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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	n
Dry Tortugas	n	n	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	n	n	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 Segment 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	n	n
Gulf Segment 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	n	n	n
Gulf Segment 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	n	n	n
Gulf Segment 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	n	n	n
Gulf Segment 5	n	n	n	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 Segment 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	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	X76	X77	X78	X79	X80	X81	X82	X83	X84	X85	X86	X87	X88	X89	X90	X91	X92	X93	X94	X95	X96	X97	X98	X99	X100
Land	1	56	29	56	11	7	n	21	31	53	65	11	61	81	20	23	1	n	n	n	4	82	35	n	n
Coastal Inlet Areas	1	31	21	1	1	4	n	n	n	n	n	n	73	69	25	10	1	n	n	n	8	80	49	n	n
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	5	n	1	n	n	n	n	n	1	13	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	46	48	10	4	n	n	n	n	2	27	2	n	n
TX Beaches	n	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 Beaches	n	8	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	10	n	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	54	46	n	n
FL Beaches	n	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 Beaches	n	8	2	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	3	64	47	n	n
Hist./Preh. Sites	n	10	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	6	n	n
Brown Pelicans	n	24	14	1	n	2	n	n	n	n	n	n	64	62	20	6	n	n	n	n	1	1	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	38	37	15	6	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25
Land	27	39	45	1	3	3	51	n	n	8	45	n	n	n	n	2	40	n	n	n	n	n	6	48	n
Coastal Inlet Areas	3	1	11	n	n	1	4	n	n	1	20	n	n	n	n	3	22	n	n	n	n	n	2	6	n
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	10	23	28	1	1	1	1	n	n	n	7	n	n	n	n	1	25	n	n	n	n	n	3	9	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	10	23	28	1	1	1	1	n	n	n	7	n	n	n	n	1	25	n	n	n	n	n	3	9	n
Hist./Preh. Sites	10	11	10	8	10	2	22	1	n	1	1	n	n	n	n	n	34	n	n	n	n	n	9	20	n
Brown Pelicans	40	57	33	3	5	3	50	n	n	9	52	n	n	n	n	2	8	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	2	n	n	1	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	12	16	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	W26	W27	W28	W29	W30	C31	C32	C33	W34	W35	W36	W37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
Land	n	n	n	n	n	n	4	60	n	n	n	n	n	3	53	6	59	n	n	n	n	n	3	39	n
	n	n	n	n	n	n	1	15	n	n	n	n	n	n	2	2	27	n	n	n	n	n	2	22	n
	n	n	n	n	n	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Coastal Inlet Areas	n	2	27	26	n	n	n	n	n	n	n	n	n	n	n	n	1	10	n	n	n	n	n	n	n
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	n	n	n	n	n	n	n	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	n	n	n	n	n	n	1	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hist./Preh. Sites	n	n	n	n	n	n	4	18	n	n	n	n	1	1	16	9	1	n	n	n	n	n	8	8	n
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location															
	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66
Land	n	n	n	n	14	60	n	n	n	n	1	6	41	40	n	n
Coastal Inlet Areas	n	n	n	n	18	51	n	n	n	n	n	2	22	n	n	n
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	1	n	n	n	n	n	n	5	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Beaches	n	n	n	n	n	1	n	n	n	n	n	n	5	n	n	n
Hist./Preh. Sites	n	n	n	n	6	11	n	n	n	n	n	n	6	n	n	n
Brown Pelicans	n	n	n	n	n	7	n	n	n	n	n	1	17	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																		
	C76	C77	78	79	E80	E81	E82	E83	E84	E85	E86	87	88	E89	E90	E91	E92	E93	E94
Land	13	71	n	n	n	n	n	n	n	4	46	n	n	n	n	n	n	n	2
Coastal Inlet Areas	23	79	n	n	n	n	n	n	n	6	44	n	n	n	n	n	n	n	5
Sea Grass Beds	2	22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	6	27	n	n	n	n	n	n	n	1	6	n	n	n	n	n	n	n	n
TX Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	2	27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	7	34	n	n	n	n	n	n	n	4	31	n	n	n	n	n	n	n	n
FL Beaches	n	n	n	n	n	n	n	n	n	1	20	n	n	n	n	n	n	n	34
Gulf Beaches	10	61	n	n	n	n	n	n	n	6	51	n	n	n	n	n	n	n	34
Hist./Preh. Sites	1	13	n	n	n	n	n	n	n	3	25	n	n	n	n	n	n	n	10
Brown Pelicans	4	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	3	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	E 101	E 102	E 103	E 104	E 105	E 106	107	108	E 109	E 110	E 111	E 112	E 113	E 114	E 115	E 116	E 117	E 118	119	120	E 121	E 122	E 123	E 124	E 125
Land	n	n	n	n	2	8	n	n	n	n	n	n	n	n	n	n	6	42	n	n	n	n	n	n	n
Coastal Inlet Areas	n	n	n	n	2	7	n	n	n	n	n	n	n	n	n	n	2	36	n	n	n	n	n	n	n
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	40	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	3	9	n	n	n	n	n	n	n	n	n	n	7	24	n	n	n	n	n	n	n
TX Beaches	n	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 beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	n	n	n	n	4	n	n	n	n	n	n	n	n	n	n	3	12	n	n	n	n	n	n	n
Gulf Beaches	n	n	n	n	n	4	n	n	n	n	n	n	n	n	n	n	3	12	n	n	n	n	n	n	n
Illicit./Preh. Sites	n	n	n	n	1	5	n	n	n	n	n	n	n	n	n	n	1	4	n	n	n	n	n	n	n
Brown Pelicans	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	5	7	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	n	n	n	n	n	17	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 6	n	n	n	n	n	n	18	1	n	n	n	n	n	n	n	n	n	n	23	n	n	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
Land	n	n	n	1	12	n	n	n	n	n	n	1	1	1	3	n	n	n	n	n	1	3	n	n	1
Coastal Inlet Areas	n	n	n	n	11	n	n	n	n	n	n	n	n	n	8	n	n	n	n	n	n	10	6	n	n
Sea Grass Beds	n	13	41	48	32	n	n	n	n	n	n	n	7	64	15	n	n	n	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	5	6	17	n	n	n	n	1	13	2	5	17	8	n	n	n	n	17	3	n	1
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	n	n	n	n	6	15	n	n	n	n	2	1	n	n	16	8	n	n	n	1	3	1	n	n
Gulf Beaches	n	n	n	n	n	6	15	n	n	n	n	2	1	n	n	16	8	n	n	n	1	3	1	n	n
Hist./Preh. Sites	n	n	n	n	n	3	8	n	n	n	n	6	21	1	n	6	2	n	n	n	4	1	n	n	n
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n	n	n	n	1	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	1	6	n	n	n	n	2	n	n	n	5	2	n	n	n	2	4	1	n	1
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	1	1	n	1	n	n	n	n	2	2	n	n	1	1
Dry Tortugas	n	n	n	n	n	5	15	n	n	n	n	n	n	n	n	16	10	n	n	n	n	n	n	n	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	25	4	n	n
Straits of Florida	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
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 6	n	n	n	n	n	5	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	2	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	E	Hypothetical Spill Location																											
		151	152	153	154	155	156	S1	S2	S3	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16			
Land	5	19	1	1	6	30	62	14	48	81	2	n	23	49	80	2	87	27	n	n	46	n	7	74	n				
Coastal Inlet Areas	4	20	58	15	2	8	22	42	4	26	19	n	n	2	4	40	n	69	8	n	8	n	1	11	n				
Sea Grass Beds	n	n	6	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Env. Preser. Areas	1	10	5	3	10	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
TX Beaches	n	n	n	n	n	n	26	13	n	58	1	n	9	46	54	2	39	4	n	n	10	n	n	n	n				
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
AL Beaches	n	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 Beaches	3	18	2	n	n	16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Gulf Beaches	3	18	2	n	n	16	26	13	n	58	1	n	9	46	54	2	39	4	n	n	10	n	n	n	n				
Hist./Preh. Sites	3	2	n	n	1	9	n	1	3	71	1	n	8	8	4	n	14	8	n	n	16	n	5	55	n				
Brown Pelicans	1	n	2	n	n	n	70	13	1	89	3	n	39	56	32	2	32	10	n	n	37	n	9	78	n				
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	7	n	7	n	n	1	n				
Sea Turtles	6	n	n	1	1	1	n	n	n	40	1	n	9	1	n	n	n	n	n	n	n	n	n	n	n				
Manatee Hab.	3	n	n	1	1	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Dry Tortugas	n	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	n	19	8	1	n	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Straits of Florida	n	36	n	n	n	73	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Atchafalaya Riv. 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				
Everglades Nat. Pk.	n	n	n	1	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Gulf Segment 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				
Gulf Segment 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	n				
Gulf Segment 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	n				
Gulf Segment 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	n				
Gulf Segment 5	n	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 Segment 6	n	2	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																							
	T17	T18	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31	T32	T33	T34	T35	T36	T37	T38	T39	T40
Land	47	76	51	9	8	n	n	n	82	45	81	62	75	23	44	n	4	4	n	n	n	n	n	n
Coastal Inlet Areas	24	80	28	11	2	n	n	n	54	9	42	9	49	6	19	n	1	2	n	n	n	n	n	n
Sea Grass Beds	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 Garden Banks	n	n	n	n	n	22	n	n	n	n	n	n	n	n	n	n	n	1	1	1	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	9	24	32	3	8	n	n	n	78	12	9	2	n	7	n	n	n	3	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	8	26	n	15	n	1	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	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 Beaches	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 Beaches	9	24	32	3	8	n	n	n	78	12	9	10	26	7	15	n	1	3	n	n	n	n	n	n
Ilst./Preh. Sites	3	1	40	1	15	n	n	n	77	21	n	6	68	n	54	n	11	5	n	n	n	n	n	n
Brown Pelicans	53	66	5	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	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 Segment 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
Gulf Segment 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
Gulf Segment 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
Gulf Segment 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
Gulf Segment 5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	13
Gulf Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	52

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	T41	T42	T43	T44	T45	T46	T47	T48	T49	T50	T51	T52	T53	T54	T55	T56	T57	T58	T59	T60	T61	T62	T63	T64	T65
Land	n	70	57	78	86	n	5	7	n	n	46	5	n	n	59	78	40	50	93	54	97	86	**	64	**
Coastal Inlet Areas	n	35	73	n	66	n	n	5	n	n	n	n	n	n	n	n	1	30	19	69	n	88	n	83	39
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	57	44	75	29	23
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	18	37	37	n	26	75	46	55
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	84	76	n	32	n
AL 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	61
FL Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	84	76	n	34	61
Hlist./Preh. Sites	n	n	n	9	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	24	27	21	n	1	23
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	14	n	6	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	17	11	30	n	4	n	3	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	41	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	T66	T67	T68	T69	T70	T71	T72	T73	T74	T75	T76	T77	T78	T79	T80	T81	T82	T83	T84	T85	T86	T87	T88	T89	P1
Land	70	4	25	n	n	33	97	n	n	n	1	70	25	47	36	n	n	11	n	n	n	n	3	16	n
Coastal Inlet Areas	61	7	26	n	n	36	31	n	n	n	1	23	5	38	39	n	n	22	n	n	1	n	6	17	n
Sea Grass Beds	8	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	n	n	n	1	n	n	
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Env. Preser. Areas	28	2	2	n	n	18	13	n	n	n	1	7	1	42	41	n	1	87	2	n	5	2	7	9	n
TX Beaches	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
MI Beaches	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
AL Beaches	52	1	31	n	n	9	53	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	
FL Beaches	n	n	n	n	n	20	9	n	n	n	1	78	29	12	30	n	n	14	1	n	2	1	3	13	n
Gulf Beaches	56	2	31	n	n	28	61	n	n	n	1	78	29	12	30	n	n	14	1	n	2	1	3	13	n
Illist./Preh. Sites	22	n	15	n	n	29	33	n	n	n	1	29	9	12	3	n	n	37	1	n	n	n	2	3	2
Brown Pelicans	1	n	n	n	n	n	n	n	n	n	n	n	n	n	24	n	n	8	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	1	n	n	n	n
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	36	1	n	n	n	n	n	n
Dry Tortugas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	n	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	1	17	13	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	49	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 6	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26
Land	n	7	n	37	31	n	n	n	n	n	4	68	69	8	18	62	75	**	94	81	**	35	35	77	n
Coastal Inlet Areas	n	1	n	7	3	n	n	n	n	n	n	55	5	2	4	6	43	n	1	47	n	n	3	n	n
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	1	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	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
TX Beaches	n	3	n	35	n	n	n	n	n	n	4	18	66	1	5	2	12	n	1	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	n	3	n	35	n	n	n	n	n	n	4	18	66	1	5	2	12	n	1	2	n	n	n	n	n
Hist./Preh. Sites	9	7	2	4	6	n	n	n	n	n	16	41	87	1	n	n	n	n	n	15	n	4	2	3	n
Brown Pelicans	n	11	n	30	30	n	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee Hlab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	P27	P28	P29	P30	P31	P32	P33	P34	P35	P36	P37	P38	P39	P40	P41	P42	P43	P44	P45	P46	P47	P48	P49	P50	
Land	n	n	n	n	n	n	n	n	n	40	n	n	n	22	85	6	9	25	25	81	n	n	1	31	
Coastal Inlet Areas	n	n	n	n	n	n	n	n	n	32	n	1	n	3	n	13	9	28	18	1	n	n	n	1	
Sea Grass Beds	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	1	n	n	n	n	n	n	n	
TX Beaches	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
AL Beaches	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 Beaches	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hist./Preh. Sites	n	n	n	5	n	n	3	7	25	1	17	n	n	1	1	n	1	n	n	1	2	n	2	52	
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatee Hlab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Dry Tortugas	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	12	n	n	n	1	n	5	2	8	8	1	n	n	n	n	
Everglades Nat. Pk.	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 Segment 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	
Gulf Segment 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	
Gulf Segment 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	
Gulf Segment 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	
Gulf Segment 5	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 Segment 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	

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	P51	P52	P53	P54	P55	P56	P57	P58	P59	P60	P61	P62	P63	P64	P65	P66	P67	P68	P69	P70	P71	P72	P73	P74	P75
Land	n	n	2	31	80	5	12	51	33	58	77	88	89	66	51	30	9	15	54	74	44	1	64	1	7
Coastal Inlet Areas	n	n	n	20	81	10	20	62	30	64	50	42	57	31	39	26	7	3	31	26	10	n	n	1	13
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	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
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	21	3	5	3	1	n	8	7	1	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	21	3	5	3	1	n	8	7	1	n	n	n	n
Hist./Preh. Sites	1	3	22	27	2	3	9	15	9	19	13	2	24	5	8	5	1	n	10	9	2	n	n	n	n
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	3	n	48	14	29	19	4	2	23	20	6	n	n	1	8
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent, n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location																								
	P76	P77	P78	P79	P80	P81	P82	P83	P84	P85	P86	P87	P88	P89	P90	P91	P92	P93	P94	P95	P96	P97	P98	P99	P100
Land	59	24	94	93	82	95	**	**	98	84	35	n	n	11	n	n	18	n	n	n	n	1	n	46	n
Coastal Inlet Areas	55	16	7	n	71	48	n	n	2	44	53	n	n	2	n	n	1	n	n	n	n	n	n	25	n
Sea Grass Beds	n	n	n	n	n	n	n	6	52	36	6	n	n	n	7	n	n	n	n	35	1	4	n	3	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	34	8	5	n	41	23	n	n	14	48	13	n	n	n	n	1	23	n	n	n	n	6	1	44	1
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	1	53	26	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	22	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	14	n	n	1	n	n	n	n	n	n	12	n
Gulf Beaches	n	n	n	n	n	n	n	1	53	27	29	n	n	14	n	n	1	n	n	n	n	n	n	12	n
Hist./Preh. Sites	n	n	n	n	n	n	n	1	36	7	6	n	n	4	n	n	n	n	n	n	n	33	n	33	n
Brown Pelicans	43	13	6	n	57	25	n	n	n	7	2	n	n	n	n	n	2	n	n	n	n	n	n	35	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	18	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	30	10	5	n	38	19	n	n	n	2	1	n	n	n	n	1	n	n	n	n	n	n	n	2	n
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	34	n
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 3. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 3 days.

Target	Hypothetical Spill Location											
	P 101	P 102	P 103	P 104	P 105	P 106						
Land	n	1	5	n	4	1						
Coastal Inlet Areas	n	1	5	n	3	6						
Sea Grass Beds	n	n	n	n	n	2						
Flower Garden Banks	n	n	n	n	n	n						
Env. Preser. Areas	n	1	2	n	4	9						
TX Beaches	n	n	n	n	n	n						
LA Beaches	n	n	n	n	n	n						
MI Beaches	n	n	n	n	n	n						
AL Beaches	n	n	n	n	n	n						
FL Beaches	n	1	4	n	n	4						
Gulf Beaches	n	1	4	n	n	4						
Dist./Preh. Sites	n	1	6	n	n	2						
Brown Pelicans	n	2	5	n	n	2						
MI Sandhill Cranes	n	n	n	n	n	n						
Whooping Cranes	n	n	n	n	n	n						
Sea Turtles	n	4	10	n	1	3						
Manatee Hab.	n	2	8	n	3	n						
Dry Tortugas	n	n	n	n	n	2						
Florida Keys	n	n	n	n	n	8						
Straits of Florida	n	n	n	n	n	n						
Atchafalaya Riv. B.	n	n	n	n	n	n						
Everglades Nat. Pk.	n	n	n	n	n	n						
Gulf Segment 1	n	n	n	n	n	n						
Gulf Segment 2	n	n	n	n	n	n						
Gulf Segment 3	n	n	n	n	n	n						
Gulf Segment 4	n	n	n	n	n	n						
Gulf Segment 5	n	n	n	n	n	n						
Gulf Segment 6	n	n	n	n	n	n						

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23	X24	X25
Land	68	96	95	48	46	89	93	76	95	94	76	91	78	75	24	9	88	91	70	16	7	5	79	84	56
Coastal Inlet Areas	7	7	2	5	6	13	19	12	6	31	27	44	46	58	20	5	26	10	22	7	5	1	14	24	14
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	33	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	27	43	56	29	9	53	35	5	6	1	5	54	38	28	10	1	31	21	30	11	3	3	14	3	4
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	9	6
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	27	43	56	29	9	53	35	5	6	1	5	54	38	28	10	1	31	21	30	11	3	3	18	11	10
Hist./Preh. Sites	24	17	30	22	12	20	20	20	32	7	5	58	48	5	6	1	71	26	61	18	5	7	15	41	22
Brown Pelicans	68	97	96	50	36	67	54	71	83	94	78	16	21	61	17	10	1	n	2	1	3	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	7	4	14	8	20	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	30	45	28	9	1	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																																
	X26	X27	X28	X29	X30	X31	X32	X33	X34	X35	X36	X37	X38	X39	X40	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50								
Land	52	20	5	3	n	n	62	1	77	47	35	6	8	1	n	n	67	37	15	33	5	1	78	46	30								
Coastal Inlet Areas	8	3	1	1	n	n	13	n	11	6	5	1	1	n	n	n	26	7	3	8	1	n	62	31	13								
Sea Grass Beds	n	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 Garden Banks	1	2	6	23	23	31	n	10	n	n	n	3	1	3	2	n	n	n	n	n	n	n	n	n	n								
Env. Preser. Areas	n	n	n	n	n	n	n	4	n	n	1	n	n	n	n	n	11	3	1	3	n	n	4	4	3								
TX Beaches	12	4	1	1	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
LA Beaches	1	1	n	n	n	n	6	n	1	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n								
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
AL Beaches	n	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 Beaches	n	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 Beaches	13	5	1	1	n	n	6	n	1	3	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n								
list./Preh. Sites	10	6	2	3	n	n	27	n	15	18	14	4	7	1	1	n	6	25	26	17	13	6	3	6	12								
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
Manatee 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								
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n								
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	25	9	2								
Everglades Nat. Pk.	n	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 Segment 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								
Gulf Segment 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	n								
Gulf Segment 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	n								
Gulf Segment 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	n								
Gulf Segment 5	n	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 Segment 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	n								

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	X51	X52	X53	X54	X55	X56	X57	X58	X59	X60	X61	X62	X63	X64	X65	X66	X67	X68	X69	X70	X71	X72	X73	X74	X75
Land	16	20	5	6	1	n	1	77	57	72	33	19	71	92	70	47	48	30	11	20	1	n	94	84	66
Coastal Inlet Areas	6	12	2	5	1	n	1	16	19	50	13	7	61	61	60	30	46	23	4	19	1	n	74	45	51
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	2	1	n	n	n	n	1	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	2	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Hist./Preh. Sites	14	7	11	6	7	2	2	3	33	20	27	15	27	10	21	18	16	13	13	8	1	n	17	9	14
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	59	10	3
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	1	3	n	1	n	n	n	8	7	1	6	2	1	n	n	1	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	X76	X77	X78	X79	X80	X81	X82	X83	X84	X85	X86	X87	X88	X89	X90	X91	X92	X93	X94	X95	X96	X97	X98	X99	X100
Land	53	89	81	86	66	67	28	64	73	81	88	68	93	98	80	80	41	17	7	17	69	96	73	n	n
Coastal Inlet Areas	38	47	52	18	31	41	24	14	3	3	7	32	91	74	71	48	38	17	10	23	76	84	80	n	n
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	1	9	n	4	2	4	2	1	2	19	17	1	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	1	5	20	66	54	44	30	23	9	3	6	44	35	7	n	n
TX Beaches	n	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 Beaches	2	16	12	6	9	6	1	3	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	5	n	2	1	3	2	1	2	23	15	1	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	12	7	55	72	n	n
FL 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
Gulf Beaches	2	16	12	6	9	6	1	3	n	1	n	1	5	n	2	1	5	3	4	14	31	69	73	n	n
Hist./Preh. Sites	11	18	16	7	11	10	7	4	1	1	n	n	1	n	n	n	n	n	1	3	4	12	15	n	n
Brown Pelicans	7	37	36	14	22	22	2	10	2	3	7	29	84	69	65	45	28	10	2	2	31	8	2	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	1	5	23	46	41	43	34	21	8	1	2	16	2	1	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25
Land	91	98	96	51	78	73	93	14	40	71	88	n	2	9	21	48	84	n	n	n	2	18	65	88	n
Coastal Inlet Areas	8	2	16	4	5	11	9	1	6	14	34	n	n	1	4	31	48	n	n	n	2	11	22	15	n
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	1
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	36	57	64	22	50	18	7	7	12	1	9	n	n	n	1	12	44	n	n	n	n	10	33	22	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	36	57	64	22	50	18	7	7	12	1	9	n	n	n	1	12	44	n	n	n	n	10	33	22	n
Hist./Preh. Sites	23	30	21	26	31	20	33	9	12	17	7	n	1	4	6	5	47	n	n	n	n	15	56	43	n
Brown Pelicans	89	99	68	54	76	58	82	15	32	71	89	n	2	9	22	41	24	n	n	n	2	4	3	1	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	3	n	n	12	19	n	5	4	1	n	n	2	1	n	n	n	n	n	n	n	n	n	n
Sea Turtles	41	33	4	20	15	1	n	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	W26	W27	W28	W29	W30	C31	C32	C33	W34	W35	W36	W37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
Land	n	n	n	6	42	4	49	90	n	n	n	n	2	32	79	38	80	n	n	n	n	5	28	69	n
Coastal Inlet Areas	n	n	n	2	7	n	9	22	n	n	n	n	n	6	9	7	29	n	n	n	n	2	13	34	n
Sea Grass Beds	n	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 Garden Banks	6	26	47	28	1	18	1	n	n	n	4	6	5	1	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	11	n	n	n	n	n	1	3	n
TX Beaches	n	n	n	3	12	1	9	7	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	n	2	7	n	n	n	n	n	3	3	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	n	n	n	3	12	1	11	14	n	n	n	n	n	4	4	n	n	n	n	n	n	n	n	n	n
Hist./Preh. Sites	n	n	n	7	26	2	14	25	n	n	n	n	4	15	26	18	6	n	n	n	1	6	15	11	n
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	10
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																												
	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75				
Land	n	n	2	20	56	83	n	n	2	10	32	56	85	75	n	n	1	6	8	31	76	91	2	17	62				
Coastal Inlet Areas	n	n	2	16	46	65	n	n	n	2	10	32	47	6	n	n	n	n	1	13	53	91	1	20	67				
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	9	n	2	12				
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	7	33	64	n	11	44				
TX Beaches	n	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 Beaches	n	n	n	n	n	2	n	n	n	n	1	5	14	1	n	n	n	n	n	n	n	n	n	n	n	n			
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	n	2	15				
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	3				
FL Beaches	n	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 Beaches	n	n	n	n	n	2	n	n	n	n	1	5	14	1	n	n	n	n	n	n	1	8	n	6	18				
Hist./Preh. Sites	n	n	3	10	20	17	n	n	n	1	3	9	16	1	n	n	n	n	n	n	n	1	n	1	2				
Brown Pelicans	n	n	n	n	n	9	n	n	n	1	4	15	34	4	n	n	n	n	1	12	49	80	n	9	42				
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	1	10	33	47	n	7	27				
Manatee 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				
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Atchafalaya Riv. 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				
Everglades Nat. Pk.	n	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 Segment 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				
Gulf Segment 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	n				
Gulf Segment 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	n				
Gulf Segment 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	n				
Gulf Segment 5	n	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 Segment 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	n				

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	C76	C77	78	79	E80	E81	E82	E83	E84	E85	E86	87	88	E89	E90	E91	E92	E93	E94	E95	96	E97	E98	E99	E100
Land	66	94	n	n	n	n	n	n	7	45	79	n	n	n	n	n	n	3	31	68	n	n	n	n	n
Coastal Inlet Areas	73	89	n	n	n	n	n	n	9	46	70	n	n	n	n	n	n	1	8	14	n	n	n	n	n
Sea Grass Beds	15	28	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	34	38	n	n	n	n	n	n	2	9	12	n	n	n	n	n	n	n	2	2	n	n	n	n	n
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	18	33	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	21	37	n	n	n	n	n	n	5	31	47	n	n	n	n	n	n	n	1	2	n	n	n	n	n
FL Beaches	n	n	n	n	n	n	n	n	2	10	28	n	n	n	n	n	n	3	32	69	n	n	n	n	n
Gulf Beaches	39	69	n	n	n	n	n	n	7	42	74	n	n	n	n	n	n	4	33	71	n	n	n	n	n
Hist./Preh. Sites	6	15	n	n	n	n	n	n	3	18	37	n	n	n	n	n	n	1	10	20	n	n	n	n	n
Brown Pelicans	21	17	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	11	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	16	8	2	n	n
Gulf Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	3	1	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																									
	E 101	E 102	E 103	E 104	E 105	E 106	E 107	E 108	E 109	E 110	E 111	E 112	E 113	E 114	E 115	E 116	E 117	E 118	E 119	E 120	E 121	E 122	E 123	E 124	E 125	
Land	n	n	n	n	n	13	34	n	n	n	n	n	n	n	n	4	44	85	1	n	n	n	n	n	n	n
Coastal Inlet Areas	n	n	n	n	n	8	15	n	n	n	n	n	n	n	n	1	18	59	n	n	n	n	n	n	n	n
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	42	n	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	1	12	2	2	n	n	n	n	n	n	4	37	49	19	5	n	n	n	n	n	n
TX Beaches	n	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	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 Beaches	n	n	n	n	n	4	26	2	2	n	n	n	n	n	n	1	16	23	17	4	n	n	n	n	n	n
Gulf Beaches	n	n	n	n	n	4	26	2	2	n	n	n	n	n	n	1	16	23	17	4	n	n	n	n	n	n
Hist./Preh. Sites	n	n	n	n	n	3	15	1	1	n	n	n	n	n	n	1	6	10	9	2	n	n	n	n	n	n
Brown Pelicans	n	n	n	n	n	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n	4	25	12	6	1	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	n	n	n	n	n	n	2	2	n	n	n	n	n	n	n	n	n	14	3	n	n	n	n	n	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	n	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 Segment 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	n
Gulf Segment 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	n	n
Gulf Segment 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	n	n
Gulf Segment 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	n	n
Gulf Segment 5	n	n	n	n	n	n	n	26	18	4	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 6	n	n	n	n	n	n	38	18	10	2	n	n	n	n	n	n	n	n	31	3	n	n	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E					
	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
Land	n	n	2	25	73	1	n	n	n	n	n	3	2	2	8	6	n	n	n	n	2	26	1	n	2
Coastal Inlet Areas	n	n	1	16	53	2	n	n	n	n	n	1	n	1	13	13	1	n	n	n	1	38	7	1	2
Sea Grass Beds	1	16	53	75	59	n	n	n	n	n	n	1	13	82	62	1	n	n	n	n	n	2	1	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	1	11	35	38	23	1	n	n	n	3	15	3	9	46	21	2	n	n	1	39	13	2	1
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	n	1	4	6	32	21	1	n	n	n	3	1	n	n	37	19	2	n	n	2	29	8	1	1
Gulf Beaches	n	n	1	4	6	32	21	1	n	n	n	3	1	n	n	37	19	2	n	n	2	29	8	1	1
Hlist./Preh. Sites	1	n	n	3	14	17	13	n	n	n	n	9	26	2	n	18	10	1	n	1	8	8	3	n	1
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	1	1	n	3	1	n	n	n	n	1	1	1	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	1	3	2	13	7	n	n	n	n	3	n	n	n	13	5	n	n	n	3	8	2	n	2
Manatee Hlab.	n	n	n	n	n	n	n	n	n	n	n	3	2	1	3	n	n	n	n	n	3	n	n	n	2
Dry Tortugas	n	n	n	n	n	29	20	n	n	n	n	n	n	n	n	32	22	2	n	n	n	5	8	1	n
Florida Keys	n	n	n	n	n	7	n	n	n	n	n	n	n	n	n	21	1	n	n	n	n	55	6	1	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n	n	n	n	13	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 6	n	n	n	n	n	9	n	n	n	n	n	n	n	n	n	4	n	n	n	n	n	7	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	E	Hypothetical Spill Location															
		151	152	153	154	155	156	S1	S2	S3	T1	T2	T3	T4	T5	T6	T7
Land	10	53	4	4	6	17	61	93	93	79	99	14	n	95	98	99	42
Coastal Inlet Areas	7	53	60	20	20	16	51	53	15	51	21	1	n	6	6	41	5
Sea Grass Beds	n	n	10	n	4	n	n	n	n	n	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	3	29	13	9	20	20	20	n	n	n	n	n	n	n	n	n	n
TX Beaches	n	n	n	n	n	n	n	29	71	n	63	4	n	49	84	68	20
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Beaches	4	51	6	2	2	1	44	n	n	n	n	n	n	n	n	n	n
Gulf Beaches	4	51	6	2	2	1	44	29	71	n	63	4	n	49	84	68	20
Ilst./Preh. Sites	8	4	2	1	2	12	2	2	16	13	74	6	n	27	20	9	11
Brown Pelicans	2	n	5	2	2	n	n	93	71	2	94	13	n	93	88	45	34
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	1	4
Sea Turtles	12	n	1	2	2	6	n	n	3	n	46	5	n	32	4	1	2
Manatee Hab.	6	n	n	n	4	16	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys	n	53	15	4	4	n	42	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	51	n	n	n	n	80	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	n	n	2	4	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 6	n	8	n	n	n	n	7	n	n	n	n	n	n	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																											
	T17	T18	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31	T32	T33	T34	T35	T36	T37	T38	T39	T40				
Land	90	94	90	53	55	5	n	n	96	90	95	89	93	77	83	35	41	37	3	n	n	n	n	n	n	n	n	n
Coastal Inlet Areas	34	87	51	45	26	4	n	n	60	22	44	14	52	14	26	5	9	11	n	n	n	n	n	n	n	n	n	n
Sea Grass Beds	n	n	n	n	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 Garden Banks	n	n	n	n	n	n	32	9	n	n	n	n	n	n	n	2	1	4	9	13	1	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	10	28	48	18	35	2	n	n	85	28	13	7	3	23	4	8	5	17	n	n	n	n	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	9	26	n	18	n	4	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	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 Beaches	n	n	n	n	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 Beaches	10	28	48	18	35	2	n	n	85	28	13	16	29	23	22	8	8	17	1	n	n	n	n	n	n	n	n	n
Ilust./Preh. Sites	11	1	50	7	40	2	n	n	86	48	6	13	69	16	57	11	16	32	1	n	n	n	n	n	n	n	n	n
Brown Pelicans	88	80	21	36	9	4	n	n	2	1	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	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	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee Hlab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	n	n	n	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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	n	n
Everglades Nat. Pk.	n	n	n	n	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 Segment 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	n	n	n
Gulf Segment 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	n	n	n	n
Gulf Segment 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	n	n	n	n
Gulf Segment 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	n	n	n	n
Gulf Segment 5	n	n	n	n	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 Segment 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	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																									
	T41	T42	T43	T44	T45	T46	T47	T48	T49	T50	T51	T52	T53	T54	T55	T56	T57	T58	T59	T60	T61	T62	T63	T64	T65	
Land	2	86	83	86	93	18	49	55	14	4	79	33	n	n	83	92	78	89	**	93	**	99	**	95	**	
Coastal Inlet Areas	2	37	80	4	66	18	28	45	13	1	16	3	n	n	4	1	15	51	19	91	n	88	n	97	39	
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	13	57	47	75	38	23	
Flower Garden Banks	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	
Env. Preser. Areas	n	21	2	n	n	n	n	n	n	n	n	n	n	n	n	1	8	35	38	59	n	29	75	65	55	
TX Beaches	n	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 Beaches	n	n	n	n	n	n	4	n	n	n	6	1	n	n	1	n	n	n	n	n	n	n	n	n	n	
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	14	84	78	n	46	n	
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	61	
FL Beaches	n	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 Beaches	n	n	n	n	n	n	4	n	n	n	6	1	n	n	1	n	n	n	n	n	15	84	78	n	47	61
Illist./Preh. Sites	3	3	2	9	4	6	8	14	4	n	6	1	n	n	1	n	n	n	n	2	27	23	n	3	23	
Brown Pelicans	n	n	n	n	n	n	11	2	n	n	12	2	n	n	3	1	14	47	28	71	n	17	n	21	n	
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	33	11	38	n	4	n	7	n	
Manatee Iiab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Atchafalaya Riv. B.	n	n	43	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Everglades Ilat. Pk.	n	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 Segment 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	
Gulf Segment 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	n	
Gulf Segment 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	n	
Gulf Segment 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	n	
Gulf Segment 5	n	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 Segment 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	n	

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	T66	T67	T68	T69	T70	T71	T72	T73	T74	T75	T76	T77	T78	T79	T80	T81	T82	T83	T84	T85	T86	T87	T88	T89	P1
Land	94	40	61	8	15	68	99	n	n	n	14	86	62	69	59	n	n	14	1	n	3	1	37	61	15
Coastal Inlet Areas	74	44	61	11	19	71	32	n	n	n	5	33	14	41	46	n	n	23	n	n	6	3	47	58	1
Sea Grass Beds	15	12	4	n	n	n	n	n	n	n	n	n	n	n	n	n	1	14	1	n	n	n	2	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	43	22	14	1	2	23	13	n	n	n	3	9	1	44	44	n	1	88	3	n	22	15	32	31	n
TX Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	8
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	12	12	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	53	9	52	8	15	36	54	n	n	n	n	5	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Beaches	n	n	n	n	1	23	9	n	n	n	12	85	64	33	48	n	n	15	1	n	15	12	36	54	n
Gulf Beaches	65	21	56	9	17	59	62	n	n	n	12	88	64	33	48	n	n	15	1	n	15	12	36	54	8
Hist./Preh. Sites	24	3	21	2	5	40	34	n	n	n	6	35	18	19	14	n	1	47	4	n	7	6	9	6	14
Brown Pelicans	13	12	5	n	n	n	n	n	n	n	n	n	n	n	25	n	n	10	n	n	n	n	2	n	19
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	3	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	5	4	5	n	4
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	37	1	n	n	n	n	n	n
Dry Tortugas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	14	10	2	n	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	5	59	55	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	15	64	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	n	n	3	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																									
	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26	
Land	57	86	37	92	77	1	3	10	15	17	51	93	93	67	79	90	94	**	98	94	**	68	70	88	n	
Coastal Inlet Areas	4	4	5	11	10	n	2	6	11	8	23	70	19	14	14	11	46	n	2	49	n	4	5	2	n	
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	2	11	1	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	3	
Env. Preser. Areas	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	
TX Beaches	36	51	22	75	1	n	2	6	8	11	32	30	77	16	21	10	18	n	2	1	n	n	n	n	n	
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	4	n	1	1	1	n	
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
AL Beaches	n	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 Beaches	n	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 Beaches	36	51	22	75	1	n	2	6	8	11	32	30	77	16	21	10	18	n	2	5	n	1	1	1	n	
Hist./Preh. Sites	28	30	14	19	20	1	6	12	10	18	42	43	89	9	18	7	6	n	1	16	n	17	11	8	n	
Brown Pelicans	61	89	34	77	74	n	n	2	5	2	9	14	8	n	n	n	n	n	n	n	n	n	n	n	n	
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Whooping Cranes	n	n	1	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sea Turtles	12	25	3	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatee 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	
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Atchafalaya Riv. 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	
Everglades Nat. Pk.	n	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 Segment 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	
Gulf Segment 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	n	
Gulf Segment 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	n	
Gulf Segment 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	n	
Gulf Segment 5	n	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 Segment 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	n	

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	P27	P28	P29	P30	P31	P32	P33	P34	P35	P36	P37	P38	P39	P40	P41	P42	P43	P44	P45	P46	P47	P48	P49	P50	
Land	n	1	1	6	2	4	7	15	26	73	23	30	15	52	90	55	58	68	67	89	3	2	11	58	
Coastal Inlet Areas	n	n	n	1	n	n	1	2	4	40	5	15	9	24	4	37	29	46	38	6	1	n	7	16	
Sea Grass Beds	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 Garden Banks	4	1	2	n	4	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Env. Preser. Areas	n	n	n	n	n	n	n	n	1	6	2	3	1	1	n	5	7	4	3	n	n	n	n	n	
TX Beaches	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 Beaches	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
AL Beaches	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 Beaches	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 Beaches	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Hist./Preh. Sites	1	4	2	9	1	3	9	14	30	6	24	9	8	4	2	7	7	4	4	1	12	12	8	53	
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatee 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	
Dry Tortugas	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	12	n	3	2	9	1	11	3	9	15	2	n	n	3	8	
Everglades Nat. Pk.	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 Segment 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	
Gulf Segment 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	
Gulf Segment 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	
Gulf Segment 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	
Gulf Segment 5	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 Segment 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	

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	P51	P52	P53	P54	P55	P56	P57	P58	P59	P60	P61	P62	P63	P64	P65	P66	P67	P68	P69	P70	P71	P72	P73	P74	P75
Land	3	11	29	58	89	50	60	76	74	81	90	95	95	87	88	81	71	72	90	95	87	25	85	25	74
Coastal Inlet Areas	1	6	13	29	81	36	53	73	63	79	59	47	62	46	60	55	45	39	47	35	36	2	2	21	69
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	12	45
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	21	4	12	10	8	10	17	12	12	n	n	n	n
MI 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	5
AL Beaches	n	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 Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	21	4	12	10	8	10	17	12	12	n	n	1	5
Hist./Preh. Sites	3	9	28	32	5	19	23	22	21	26	16	4	26	10	16	15	13	12	19	13	14	n	n	n	1
Brown Pelicans	n	n	n	n	n	n	n	n	1	n	3	n	48	17	41	36	24	28	36	27	27	1	1	17	59
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	12	39
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	2	6	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location																								
	P76	P77	P78	P79	P80	P81	P82	P83	P84	P85	P86	P87	P88	P89	P90	P91	P92	P93	P94	P95	P96	P97	P98	P99	P100
Land	94	80	99	97	98	**	**	**	**	99	84	n	n	30	51	27	32	n	n	n	n	2	n	48	n
Coastal Inlet Areas	73	59	9	1	76	48	n	n	2	49	89	n	n	16	29	12	10	n	n	n	n	n	n	25	n
Sea Grass Beds	1	2	n	n	n	n	n	6	52	41	18	n	n	n	10	n	n	n	1	38	4	11	1	8	1
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	48	35	7	1	47	23	n	n	14	54	37	n	n	5	33	29	31	n	n	n	n	7	1	45	2
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	1	n	n	n	n	n	1	53	32	21	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	33	n	n	5	n	n	n	n	n	n	n	n	n	n	n
FL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	26	20	6	8	n	n	n	n	1	n	12	n
Gulf Beaches	n	1	n	n	n	n	n	1	53	32	54	n	n	30	20	6	8	n	n	n	n	1	n	12	n
Hist./Preh. Sites	n	n	n	n	n	n	n	1	36	9	10	n	n	15	4	6	5	n	n	n	n	39	1	41	1
Brown Pelicans	64	53	8	1	64	26	n	n	1	13	17	n	n	n	n	1	5	n	n	n	n	1	n	36	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	18	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	42	38	6	1	40	19	n	n	n	4	7	n	n	n	19	18	1	n	n	n	n	n	n	2	n
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	35	n
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 4. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 10 days.

Target	Hypothetical Spill Location											
	P	P	P	P	P	P	P	P	P	P	P	P
	101	102	103	104	105	106						
Land	n	3	9	n	n	5	1					
Coastal Inlet Areas	n	1	6	n	n	3	7					
Sea Grass Beds	n	n	n	n	n	n	2					
Flower Garden Banks	n	n	n	n	n	n	n					
Env. Preser. Areas	n	1	4	n	n	4	13					
TX Beaches	n	n	n	n	n	n	n					
LA Beaches	n	n	n	n	n	n	n					
MI Beaches	n	n	n	n	n	n	n					
AL Beaches	n	n	n	n	n	n	n					
FL Beaches	n	2	8	n	n	n	8					
Gulf Beaches	n	2	8	n	n	n	8					
Hist./Preh. Sites	n	4	14	n	n	n	5					
Brown Pelicans	n	2	7	n	n	n	2					
MI Sandhill Cranes	n	n	n	n	n	n	n					
Whooping Cranes	n	n	n	n	n	n	n					
Sea Turtles	n	4	14	n	n	1	4					
Manatee Hab.	n	4	13	n	n	3	n					
Dry Tortugas	n	n	n	n	n	n	6					
Florida Keys	n	n	n	n	n	n	9					
Straits of Florida	n	n	n	n	n	n	n					
Atchafalaya Riv. B.	n	n	n	n	n	n	n					
Everglades Nat. Pk.	n	n	n	n	n	n	n					
Gulf Segment 1	n	n	n	n	n	n	n					
Gulf Segment 2	n	n	n	n	n	n	n					
Gulf Segment 3	n	n	n	n	n	n	n					
Gulf Segment 4	n	n	n	n	n	n	n					
Gulf Segment 5	n	n	n	n	4	1	4					
Gulf Segment 6	n	n	n	n	6	2	4					

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																								
	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23	X24	X25
Land	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
Coastal Inlet Areas	8	8	2	8	11	13	20	15	7	31	30	46	52	63	43	28	30	13	34	38	36	30	20	27	92
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	33	n	n	1
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	44	46	59	59	35	60	40	14	9	2	9	55	41	31	23	16	34	24	39	37	24	32	21	7	16
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	9	6
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	44	46	59	59	35	60	40	14	9	2	9	55	41	31	23	16	34	24	39	37	24	32	24	15	23
Hist./Preh. Sites	31	18	31	33	26	23	22	26	33	9	11	60	52	10	18	17	74	29	69	43	26	40	25	46	38
Brown Pelicans	91	99	99	89	77	75	60	89	86	98	95	23	38	80	68	72	7	3	16	35	47	26	5	1	5
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	1	12	4	14	11	20	3	5	n	1	2	4	5	n	n	n	1	3	1	n	n	n
Sea Turtles	40	46	29	15	3	5	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																																				
	X26	X27	X28	X29	X30	X31	X32	X33	X34	X35	X36	X37	X38	X39	X40	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50												
Land	92	86	76	72	62	51	92	65	93	89	83	74	71	61	52	44	89	80	71	77	63	54	91	77	73												
Coastal Inlet Areas	22	22	19	24	19	18	20	19	16	18	17	18	16	16	13	10	30	16	14	17	13	11	64	36	21												
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	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 Garden Banks	1	3	10	25	28	42	1	19	1	2	3	9	8	13	14	16	1	3	5	4	8	10	1	2	3												
Env. Preser. Areas	n	n	n	n	n	n	n	n	4	n	1	n	n	n	n	n	11	3	2	3	1	n	4	5	5												
TX Beaches	26	27	24	28	23	21	10	21	4	11	9	17	12	15	12	9	3	8	9	6	8	7	1	2	4												
LA Beaches	1	1	1	n	n	n	7	1	1	5	3	4	4	3	3	2	1	2	3	2	3	2	n	1	2												
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	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 Beaches	27	28	26	28	23	21	16	23	5	15	12	20	16	18	15	12	4	10	12	7	11	10	2	3	6												
Hist./Preh. Sites	32	38	34	39	32	26	38	31	21	35	32	33	32	28	24	20	15	38	43	33	34	27	7	15	24												
Brown Pelicans	8	8	8	16	9	9	2	7	1	2	2	4	2	3	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Whooping Cranes	n	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	n	n	n	n	n	n	n	n		
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Manatee 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	n	n	n	n	n	n	n	n	n		
Dry Tortugas	n	n	n	n	n	n	n	n	n	n	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	1	n	n	25	10	2												
Everglades Nat. Pk.	n	n	n	n	n	n	n	n	n	n	n	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 Segment 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	n	n	n	n	n	n	n	n	n	n		
Gulf Segment 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	n	n	n	n	n	n	n	n	n	n	n		
Gulf Segment 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	n	n	n	n	n	n	n	n	n	n	n		
Gulf Segment 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	n	n	n	n	n	n	n	n	n	n	n		
Gulf Segment 5	n	n	n	n	n	n	n	n	n	n	n	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 Segment 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	n	n	n	n	n	n	n	n	n	n	n		

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																											
	X51	X52	X53	X54	X55	X56	X57	X58	X59	X60	X61	X62	X63	X64	X65	X66	X67	X68	X69	X70	X71	X72	X73	X74	X75	X76	X77	X78
Land	67	67	58	57	51	41	41	90	82	87	70	62	86	96	84	73	74	65	56	61	33	18	98	91	84			
Coastal Inlet Areas	17	23	13	17	12	8	13	18	25	55	25	22	66	62	65	41	58	36	21	37	16	9	75	48	59			
Sea Grass Beds	n	n	n	n	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 Garden Banks	5	4	6	5	7	9	3	1	1	1	2	2	n	n	n	1	n	1	2	n	1	n	n	n	n	n	n	n
Env. Preser. Areas	3	4	2	3	1	1	3	1	3	1	3	3	1	n	n	1	1	1	2	1	1	1	n	n	n	n	n	n
TX Beaches	4	3	4	2	4	4	1	1	1	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Beaches	2	1	2	1	2	2	n	n	1	n	1	1	n	n	n	n	n	n	n	n	n	n	12	2	1			
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	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 Beaches	n	n	n	n	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 Beaches	6	4	6	3	6	6	1	1	2	n	2	2	n	n	n	n	n	n	1	n	n	n	12	2	1			
Hist./Preh. Sites	28	19	25	21	23	19	16	7	36	22	36	25	30	11	26	25	24	24	25	22	15	9	18	11	21			
Brown Pelicans	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	n	n	n	n	59	10	3			
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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	n	n
Dry Tortugas	n	n	n	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	J	4	n	2	1	n	2	8	7	2	7	5	2	n	1	2	2	3	5	2	3	2	n	n	1			
Everglades Nat. Pk.	n	n	n	n	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 Segment 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	n	n	n
Gulf Segment 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	n	n	n	n
Gulf Segment 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	n	n	n	n
Gulf Segment 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	n	n	n	n
Gulf Segment 5	n	n	n	n	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 Segment 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	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																								
	X76	X77	X78	X79	X80	X81	X82	X83	X84	X85	X86	X87	X88	X89	X90	X91	X92	X93	X94	X95	X96	X97	X98	X99	X100
Land	81	96	92	95	89	87	70	89	90	93	96	91	98	99	94	94	83	75	67	74	94	99	92	n	n
Coastal Inlet Areas	53	51	57	22	44	52	50	26	9	8	9	44	93	75	78	56	67	60	62	70	89	84	92	n	n
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	2	9	n	6	3	12	13	15	13	24	18	4	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	n	n	n	n	n	n	1	n	1	2	6	28	68	55	50	37	45	38	33	33	55	37	17	1	3
TX Beaches	n	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 Beaches	3	16	13	7	10	7	2	5	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	2	5	n	3	1	13	15	16	15	29	15	4	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5	14	24	8	55	74	n	n
FL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2
Gulf Beaches	3	16	13	7	10	7	2	5	2	1	n	2	5	n	4	2	16	20	30	39	37	69	78	1	2
Hist./Preh. Sites	19	20	19	9	16	16	20	9	3	2	n	1	1	n	1	n	4	3	6	7	6	12	16	n	1
Brown Pelicans	9	37	37	15	26	24	4	14	5	5	8	40	86	70	72	52	48	37	22	21	43	9	11	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	1	2	6	30	46	41	45	37	33	28	14	10	19	2	2	n	n
Manatee Iiab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	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
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	1	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25
Land	**	**	**	**	**	**	**	95	98	99	99	63	75	83	91	93	98	28	45	57	69	83	95	99	12
Coastal Inlet Areas	8	2	16	8	7	13	9	9	11	17	35	6	10	10	17	43	52	5	10	16	27	40	35	20	5
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flow Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	1	1	1	n	n	11
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	41	58	66	48	63	30	11	48	38	9	11	22	27	23	18	19	46	4	9	12	16	28	43	27	4
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	41	58	66	48	63	30	11	48	38	9	11	22	27	23	18	19	46	4	9	12	16	28	43	27	4
Hist./Preh. Sites	25	30	22	36	35	26	34	31	25	25	10	20	22	24	23	15	50	9	12	14	19	33	64	48	5
Brown Pelicans	94	99	71	89	91	78	87	79	77	92	97	51	61	71	81	79	36	24	39	48	53	45	20	5	6
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	3	n	n	14	19	1	9	9	4	3	6	8	9	4	1	2	3	3	3	1	n	n	n
Sea Turtles	44	34	4	33	18	2	n	13	4	n	n	5	5	3	1	n	n	1	1	1	1	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	1
Gulf Segment 2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	2
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

ilote: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																									
	W26	W27	W28	W29	W30	C31	C32	C33	W34	W35	W36	W37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50	
Land	23	38	54	75	90	74	91	98	4	12	28	46	63	85	96	81	94	1	7	20	37	53	69	88	2	
Coastal Inlet Areas	9	17	22	33	25	23	22	25	1	3	8	12	16	19	13	17	33	1	2	5	9	16	23	38	1	
Sea Grass Beds	n	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 Garden Banks	18	36	52	28	1	20	1	n	16	17	24	22	13	3	n	3	1	5	5	6	6	5	3	1	n	
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	n	n	1	2	3	3	n	n	
TX Beaches	8	15	22	31	30	26	24	10	2	4	8	12	15	13	5	8	3	n	n	1	2	2	3	2	n	
LA Beaches	n	n	n	n	n	n	2	7	n	n	1	1	2	6	4	2	1	n	n	1	1	2	1	1	n	
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
AL Beaches	n	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 Beaches	n	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 Beaches	8	15	23	31	30	27	26	17	2	4	9	14	17	19	8	10	3	n	n	2	4	4	4	2	n	
Hist./Preh. Sites	10	18	28	39	48	38	34	28	3	7	13	23	28	35	31	33	11	1	4	11	15	20	26	17	2	
Brown Pelicans	11	15	17	25	16	12	7	1	n	n	1	2	4	3	1	1	n	n	n	n	n	n	n	n	n	
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Whooping Cranes	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Manatee Hb.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	4	10	n	
Everglades Nat. Pk.	n	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 Segment 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	1	
Gulf Segment 2	n	n	n	n	n	n	n	n	2	1	n	n	n	n	n	n	n	1	n	n	n	n	n	n	1	
Gulf Segment 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	n	
Gulf Segment 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	n	
Gulf Segment 5	n	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 Segment 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	n	

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																										
	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75		
Land	9	26	42	60	78	91	15	29	43	57	74	84	94	91	30	34	39	44	50	77	93	98	53	73	90		
Coastal Inlet Areas	5	13	21	32	54	68	9	17	25	30	33	48	51	14	13	13	18	21	29	42	63	93	43	65	83		
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	5	4	10	8	14	18		
Flower Garden Banks	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		
Env. Preser. Areas	n	1	2	1	1	n	n	1	1	1	1	n	n	2	3	5	7	9	13	26	41	67	21	37	57		
TX Beaches	n	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 Beaches	n	n	n	n	n	2	1	1	2	3	3	6	14	1	1	1	1	1	n	n	n	n	n	n	n		
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	4	5	3	8	9	17	21		
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	5	3	n	n	13	11	4		
FL Beaches	n	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 Beaches	n	n	1	n	n	2	1	1	2	3	4	6	14	2	1	2	3	5	10	8	4	9	22	28	25		
Hist./Preh. Sites	6	11	18	21	25	20	4	7	11	12	11	16	19	3	2	2	3	2	3	3	1	2	5	5	5		
Brown Pelicans	n	n	n	1	n	9	2	4	5	8	11	19	35	8	7	9	11	13	16	32	58	83	15	31	55		
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Manatee lab.	n	n	n	n	n	n	n	n	n	1	1	n	n	3	4	6	8	11	13	26	38	48	11	19	31		
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Atchafalaya Riv. B.	1	3	4	3	2	1	n	n	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n		
Everglades Nat. Pk.	n	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 Segment 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		
Gulf Segment 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	n		
Gulf Segment 3	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		
Gulf Segment 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	n		
Gulf Segment 5	n	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 Segment 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	n		

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																			
	C76	C77	78	79	E80	E81	E82	E83	E84	E85	E86	87	88	E89	E90	E91	E92	E93	E94	E95
	92	99	8	9	11	11	15	36	61	79	92	1	1	1	1	7	23	48	67	84
Land	89	90	3	3	5	5	11	33	57	74	79	n	n	n	n	3	13	27	26	25
Coastal Inlet Areas	20	29	n	n	n	n	n	3	5	5	2	n	n	n	n	n	n	1	n	1
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Garden Banks	46	40	1	2	2	3	3	10	18	21	18	2	2	3	2	1	3	8	8	6
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	24	33	n	n	n	1	1	2	5	5	2	n	n	n	n	n	n	1	1	1
AL Beaches	22	37	n	n	n	1	6	18	32	43	50	n	n	n	n	1	5	11	8	6
FL Beaches	n	n	n	n	n	1	3	6	7	13	29	2	2	2	2	5	17	32	55	75
Gulf Beaches	46	70	1	1	1	2	9	26	43	60	79	2	2	2	2	7	22	43	63	81
Hist./Preh. Sites	8	15	n	n	n	1	4	9	16	24	38	1	1	1	1	2	9	18	21	24
Brown Pelicans	32	19	2	2	4	3	2	4	9	10	4	n	n	n	n	n	n	1	2	3
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	13	7	2	2	4	3	1	2	4	3	1	n	n	n	n	n	n	n	n	n
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	2	2	2	1	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 5	n	n	2	2	1	1	n	n	n	n	n	n	7	8	6	4	1	n	n	n
Gulf Segment 6	n	n	2	3	2	1	n	n	n	n	n	9	12	13	8	2	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																							
	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
Land	1	n	3	19	48	66	13	8	5	2	1	n	1	11	31	60	90	11	4	2	1	n	n	n
Coastal Inlet Areas	n	n	1	6	19	26	7	4	3	2	1	n	1	5	13	26	61	11	5	2	1	n	n	n
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	43	1	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	6	2	1	4	16	14	25	17	15	12	6	4	3	2	9	23	47	53	43	20	12	8	3	1
TX Beaches	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
FL Beaches	5	2	3	17	34	54	22	16	14	11	6	4	2	1	4	14	24	26	39	19	11	6	2	1
Gulf Beaches	5	2	3	18	35	56	22	16	14	11	6	4	2	1	4	14	24	26	39	19	11	6	2	1
Hist./Preh. Sites	3	1	1	6	14	22	11	8	7	6	3	2	1	1	3	7	10	11	20	11	7	4	1	n
Brown Pelicans	n	n	n	1	2	3	n	n	n	n	n	n	n	n	1	2	n	n	n	n	n	n	n	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	1	3	n	11	4	2	1	n	n	1	6	16	28	13	13	3	n	n	n	n	n
Manatee 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
Dry Tortugas	5	2	1	n	n	n	17	12	11	9	5	3	2	n	n	n	n	n	29	15	9	6	2	1
Florida Keys	1	n	n	n	n	n	9	5	4	2	2	1	n	n	n	n	n	14	6	4	2	1	n	n
Straits of Florida	n	n	n	n	n	n	3	3	2	2	1	n	n	n	n	n	n	8	3	2	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	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 Segment 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
Gulf Segment 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
Gulf Segment 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
Gulf Segment 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
Gulf Segment 5	3	2	2	n	n	n	27	20	4	1	n	n	n	n	n	n	n	1	n	n	n	n	n	n
Gulf Segment 6	10	8	3	n	n	n	43	22	15	8	6	4	3	2	1	n	n	33	5	3	3	2	2	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																													
	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Land	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150					
Coastal Inlet Areas	9	26	43	65	90	13	3	1	n	n	n	3	12	29	47	20	2	n	n	1	3	46	3	1	4					
Sea Grass Beds	4	13	25	36	61	16	4	1	n	n	n	1	5	16	34	27	3	1	n	n	1	55	9	1	2					
Flower Garden Banks	2	18	56	78	60	1	n	n	n	n	n	3	17	88	79	1	n	n	n	n	1	3	1	n	n					
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n					
TX Beaches	9	19	28	38	46	56	33	9	4	1	n	4	22	19	30	60	29	7	3	1	1	53	22	7	3					
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n					
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n					
AL Beaches	n	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 Beaches	2	8	13	13	10	51	30	8	4	1	n	3	4	6	6	56	27	7	2	1	3	55	18	6	3					
Gulf Beaches	2	8	13	13	10	51	30	8	4	1	n	3	4	6	6	56	27	7	2	1	3	55	18	6	3					
Hist./Preh. Sites	2	4	6	9	16	26	19	5	2	n	n	10	26	6	6	26	16	5	1	1	9	15	10	5	3					
Brown Pelicans	n	n	n	n	1	1	n	n	n	n	n	1	1	1	3	1	n	n	n	n	2	2	1	n	n					
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n					
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n					
Sea Turtles	8	15	16	10	3	18	8	n	n	n	n	3	7	9	7	16	6	n	n	1	4	9	3	1	4					
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	3	2	1	3	n	n	n	n	1	4	n	n	n	3					
Dry Tortugas	n	n	n	n	n	38	28	7	3	1	n	n	n	n	n	39	28	6	2	n	n	14	17	6	2					
Florida Keys	n	n	n	n	n	20	5	2	1	n	n	n	n	n	n	34	4	1	n	n	n	71	9	1	n					
Straits of Florida	n	n	n	n	n	9	3	1	n	n	n	n	n	n	n	12	2	1	n	n	n	24	2	n	n					
Atchafalaya Riv. 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					
Everglades Nat. Pk.	n	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 Segment 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					
Gulf Segment 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	n					
Gulf Segment 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	n					
Gulf Segment 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	n					
Gulf Segment 5	n	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 Segment 6	n	n	n	n	n	12	2	1	1	1	n	n	n	n	n	9	2	1	n	n	n	13	1	n	n					

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	E	Hypothetical Spill Location																								
		151	152	153	154	155	156	S1	S2	S3	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16
Land	11	78	7	11	20	82	**	**	**	89	**	54	2	**	**	**	93	**	**	92	28	**	99	99	**	86
Coastal Inlet Areas	7	74	61	23	17	69	54	15	55	21	**	5	1	6	6	41	11	69	19	11	9	15	11	10	13	19
Sea Grass Beds	n	n	10	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	7	n	n	n	n	n	n	n	13	n	n	n	n	n
Env. Preser. Areas	4	41	23	16	22	30	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
TX Beaches	n	n	n	n	n	n	30	75	n	64	20	1	52	84	69	38	48	35	26	7	28	26	14	3	17	
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	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 Beaches	6	72	18	9	4	62	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Beaches	6	72	18	9	4	62	30	75	n	64	20	1	52	84	69	38	48	35	26	7	28	26	14	3	17	
Hist./Preh. Sites	10	5	8	6	6	13	5	18	17	74	17	2	28	21	9	25	17	24	25	8	28	26	40	64	22	
Brown Pelicans	2	n	6	3	1	n	99	75	2	94	44	1	97	89	46	76	41	56	75	19	73	80	91	97	76	
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	2	1	n	n	1	n	n	n	n	1	8	3	15	11	1	15	15	12	6	7
Sea Turtles	13	n	2	6	9	n	n	4	n	46	11	n	33	4	1	4	n	1	1	2	1	1	2	n	n	1
Manatee Hab.	7	n	1	7	18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Dry Tortugas	n	1	11	5	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Florida Keys	n	77	17	6	n	62	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	56	2	1	n	80	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	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	n
Everglades Nat. Pk.	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
Gulf Segment 1	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 2	n	n	n	n	n	n	n	n	n	n	n	1	3	n	n	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 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	n	n
Gulf Segment 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	n	n
Gulf Segment 5	n	n	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 Segment 6	n	17	1	n	n	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																											
	T17	T18	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31	T32	T33	T34	T35	T36	T37	T38	T39	T40				
Land	99	**	99	94	92	76	59	29	99	99	99	99	99	97	97	89	89	87	75	62	24	1	6	6				
Coastal Inlet Areas	36	87	53	58	41	33	24	12	61	25	46	18	54	23	31	23	23	31	22	17	5	n	3	2				
Sea Grass Beds	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 Garden Banks	n	n	n	n	n	n	36	20	n	n	n	n	n	n	n	2	2	5	12	22	14	2	n	n				
Env. Preser. Areas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
TX Beaches	13	29	50	26	45	19	21	10	85	31	15	12	5	31	9	29	22	34	27	22	7	n	n	n				
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	9	26	n	18	n	4	n	1	1	1	n	n	n				
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
AL Beaches	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 Beaches	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 Beaches	13	29	50	26	45	19	21	10	85	31	15	20	32	31	27	29	26	34	28	23	8	n	n	n				
Hist./Preh. Sites	14	3	51	15	47	19	26	12	86	50	8	18	72	26	60	39	38	54	36	29	11	1	1	n				
Brown Pelicans	95	84	28	69	35	58	24	13	4	6	1	2	1	6	3	10	7	15	10	6	1	n	1	1				
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Whooping Cranes	4	1	1	3	2	4	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Manatee 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				
Dry Tortugas	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n				
Atchafalaya Riv. 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				
Everglades Nat. Pk.	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 Segment 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				
Gulf Segment 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				
Gulf Segment 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				
Gulf Segment 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				
Gulf Segment 5	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 Segment 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				

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																								
	T41	T42	T43	T44	T45	T46	T47	T48	T49	T50	T51	T52	T53	T54	T55	T56	T57	T58	T59	T60	T61	T62	T63	T64	T65
Land	46	96	93	93	96	61	80	79	62	52	92	70	18	4	95	97	94	96	**	98	**	**	**	99	**
Coastal Inlet Areas	14	39	81	5	66	40	46	58	42	29	22	20	8	1	9	3	21	53	19	93	n	88	n	97	39
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	1	1	1	14	57	47	75	39	23
Flower Garden Banks	8	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	1	21	2	n	n	1	n	n	1	1	n	3	3	n	1	1	12	37	38	61	n	29	75	66	55
TX Beaches	4	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Beaches	1	1	n	n	n	n	5	1	1	2	7	3	1	n	1	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	15	84	78	n	46	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	1	n	n	n	1	61
FL Beaches	n	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 Beaches	6	3	1	1	n	n	5	1	1	2	7	3	2	n	1	n	1	1	n	16	84	78	n	47	61
Hist./Preh. Sites	19	6	5	11	4	21	15	21	18	10	9	6	2	n	3	n	n	n	n	3	27	23	n	3	23
Brown Pelicans	1	n	n	n	n	1	14	3	2	7	14	12	6	1	5	2	19	49	28	73	n	17	n	23	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	1	n	4	4	1	1	1	14	35	11	39	n	4	n	7	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	2	n	43	2	n	2	1	1	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	n	n	n	n	n	n	n	n	n	n
Gulf Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	1	4	n	n	n	n	n	n	n	n	n	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																								
	T66	T67	T68	T69	T70	T71	T72	T73	T74	T75	T76	T77	T78	T79	T80	T81	T82	T83	T84	T85	T86	T87	T88	T89	P1
Land	99	81	89	66	67	89	**	23	1	11	54	93	81	84	79	1	2	19	2	n	6	8	57	81	96
Coastal Inlet Areas	76	77	81	63	65	88	32	20	n	4	18	38	23	46	53	n	1	24	1	n	10	8	66	75	8
Sea Grass Beds	15	20	8	7	5	2	n	1	n	n	n	n	n	n	n	n	2	17	4	n	1	1	3	n	n
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	46	40	27	23	19	32	14	6	1	1	6	11	3	45	45	4	3	89	4	2	30	26	48	41	n
TX Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	54
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	13	21	9	7	5	3	n	1	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	53	18	57	33	40	43	54	11	n	1	4	7	4	2	1	n	n	n	n	n	n	n	n	n	n
FL Beaches	n	n	n	1	3	24	9	4	1	9	46	87	75	44	63	4	1	17	2	2	24	23	62	72	n
Gulf Beaches	66	39	66	42	48	69	62	16	1	10	50	92	79	46	64	4	1	17	2	2	24	23	62	72	54
Hist./Preh. Sites	24	7	23	10	14	44	34	5	n	3	17	36	23	22	19	2	2	48	5	1	13	12	16	8	34
Brown Pelicans	15	25	17	13	10	7	1	2	n	n	1	1	1	n	25	n	n	10	n	n	1	n	2	n	83
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	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
Sea Turtles	4	10	5	6	4	1	n	1	n	n	n	n	n	n	n	n	2	6	2	n	6	8	6	n	15
Manatee Hlab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	37	2	n	n	n	n	n	n
Dry Tortugas	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n	n	2	20	17	10	1	n
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	15	10	77	74	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	3	27	68	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	n	n	n	n	n	n	1	6	1	n	n	n	n	n	5	n	n	n	n	n	n	n	n	n
Gulf Segment 6	n	n	n	n	n	n	n	1	9	3	n	n	n	n	n	10	1	n	n	n	3	14	13	11	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26
Land	**	**	98	**	99	50	74	80	84	84	93	99	99	95	97	99	99	**	**	99	**	93	91	98	31
Coastal Inlet Areas	7	4	11	11	13	21	31	34	41	38	40	71	21	23	22	15	49	n	2	51	n	11	10	4	7
Sea Grass Beds	n	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 Garden Banks	n	n	n	n	n	3	12	1	n	n	n	n	n	1	n	n	n	n	n	n	n	1	1	n	20
Env. Preser. Areas	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
TX Beaches	61	59	53	80	7	16	29	33	26	35	44	30	77	26	29	14	20	n	2	3	n	7	5	3	9
LA Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	4	n	2	2	1	1
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	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 Beaches	n	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 Beaches	61	59	53	80	7	16	29	33	26	35	44	30	77	27	29	14	20	n	2	7	n	9	7	4	10
Hist./Preh. Sites	37	33	29	20	25	18	37	35	26	40	51	44	89	26	27	11	9	n	2	18	n	26	19	11	14
Brown Pelicans	92	97	80	82	90	32	28	40	52	38	38	19	13	4	6	2	1	n	n	1	n	1	1	n	1
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	3	n	7	1	1	3	3	2	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	18	27	8	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																									
	P27	P28	P29	P30	P31	P32	P33	P34	P35	P36	P37	P38	P39	P40	P41	P42	P43	P44	P45	P46	P47	P48	P49	P50		
Land	59	57	60	66	69	71	70	74	78	90	73	73	65	80	96	82	84	87	86	95	58	56	61	81		
Coastal Inlet Areas	15	13	14	16	18	17	16	17	14	44	15	23	20	30	5	41	33	49	41	8	11	11	19	21		
Sea Grass Beds	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 Garden Banks	16	10	11	9	12	8	8	6	4	1	5	3	5	2	n	2	2	1	1	n	9	7	4	1		
Env. Preser. Areas	n	n	n	n	n	n	n	n	1	6	2	5	4	4	1	5	8	5	4	1	n	1	3	2		
TX Beaches	16	9	12	9	20	16	13	11	9	3	6	3	3	2	n	2	3	2	1	n	7	6	2	1		
LA Beaches	2	3	3	3	3	4	4	4	3	1	2	2	1	1	n	1	1	1	n	n	2	3	1	1		
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
AL Beaches	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 Beaches	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 Beaches	18	12	15	12	22	20	16	14	12	4	9	5	4	2	n	4	4	3	2	1	10	8	4	2		
Hist./Preh. Sites	28	26	28	33	31	34	34	36	45	14	40	20	21	12	4	15	16	10	9	3	31	29	22	56		
Brown Pelicans	3	1	1	1	5	3	2	2	1	n	1	n	n	n	n	n	n	n	n	n	1	n	n	n		
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Manatee 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		
Dry Tortugas	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
Atchafalaya Riv. B.	n	n	n	n	n	n	n	n	n	12	n	3	3	9	2	11	3	9	15	2	n	n	3	8		
Everglades Nat. Pk.	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 Segment 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		
Gulf Segment 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		
Gulf Segment 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		
Gulf Segment 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		
Gulf Segment 5	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 Segment 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		

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																								
	P51	P52	P53	P54	P55	P56	P57	P58	P59	P60	P61	P62	P63	P64	P65	P66	P67	P68	P69	P70	P71	P72	P73	P74	P75
Land	30	60	68	81	94	74	79	87	86	89	95	97	97	94	94	92	89	89	96	98	95	66	94	70	93
Coastal Inlet Areas	10	23	25	36	82	45	60	76	67	81	61	48	63	48	63	61	56	48	50	36	41	22	5	56	79
Sea Grass Beds	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	9	9
Flower Garden Banks	3	2	2	1	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	1	3	3	2	n	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	6	2	32	53
TX Beaches	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LA Beaches	n	1	1	n	n	1	n	n	n	n	n	n	21	4	12	11	8	11	17	12	12	2	n	n	n
MI Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	10	7
AL Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	8	1
FL Beaches	n	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 Beaches	1	2	2	1	n	1	n	n	n	n	n	n	n	4	12	11	8	11	17	12	12	3	n	18	8
Hist./Preh. Sites	12	22	37	37	6	25	29	25	25	29	17	5	27	13	18	19	18	17	21	13	16	5	1	4	1
Brown Pelicans	n	n	n	n	n	n	n	n	1	n	3	n	48	17	42	37	25	30	36	27	28	13	4	33	68
MI Sandhill Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	2	24	42
Manatee 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
Dry Tortugas	n	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	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. B.	3	6	9	5	1	3	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 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	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location																								
	P76	P77	P78	P79	P80	P81	P82	P83	P84	P85	P86	P87	P88	P89	P90	P91	P92	P93	P94	P95	P96	P97	P98	P99	P100
Land	98	94	**	99	99	**	**	**	**	**	97	23	20	66	67	53	62	18	25	30	20	11	1	51	1
Coastal Inlet Areas	75	66	9	2	76	48	n	n	2	50	95	18	13	46	35	20	18	7	12	16	11	5	1	26	n
Sea Grass Beds	1	4	n	n	n	n	n	6	52	41	20	1	n	1	10	n	n	n	2	40	7	15	1	10	2
Flower Garden Banks	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Env. Preser. Areas	49	42	7	1	47	23	n	n	14	55	43	5	3	13	45	35	33	14	21	21	16	14	3	45	2
TX Beaches	n	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 Beaches	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
MI Beaches	n	2	n	n	n	n	n	1	53	32	23	n	n	1	n	n	n	n	n	n	n	n	n	n	n
AL Beaches	n	n	n	n	n	n	n	n	n	n	33	9	6	22	n	n	1	n	n	n	n	n	n	n	n
FL Beaches	n	n	n	n	n	n	n	n	n	n	n	10	12	35	25	27	35	7	8	8	7	5	1	13	1
Gulf Beaches	n	3	n	n	n	n	n	1	53	32	57	19	19	57	25	27	36	7	8	8	7	5	1	13	1
Hist./Preh. Sites	n	1	n	n	n	n	n	1	36	9	11	9	9	27	7	13	13	5	4	4	3	39	2	41	2
Brown Pelicans	65	59	9	2	64	26	n	n	1	14	23	1	n	4	n	3	6	1	n	n	n	1	n	36	n
MI Sandhill Cranes	n	n	n	n	n	n	n	n	18	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Whooping Cranes	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Sea Turtles	42	41	6	1	40	19	n	n	n	4	7	n	n	1	22	19	1	8	18	15	15	7	1	4	1
Manatee Hab.	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	35	n
Dry Tortugas	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
Florida Keys	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Straits of Florida	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Atchafalaya Riv. 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
Everglades Nat. Pk.	n	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 Segment 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
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 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	n
Gulf Segment 5	n	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 Segment 6	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	2	n	n

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 5. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain target within 30 days.

Target	Hypothetical Spill Location											
	P	P	P	P	P	P	P	P	P	P	P	P
	101	102	103	104	105	106						
Land	n	3	11	4	7	5						
Coastal Inlet Areas	n	1	6	2	5	9						
Sea Grass Beds	n	1	1	n	n	3						
Flower Garden Banks	n	n	n	n	n	n						
Env. Preser. Areas	2	2	5	12	11	23						
TX Beaches	n	n	n	n	n	n						
LA Beaches	n	n	n	n	n	n						
MI Beaches	n	n	n	n	n	n						
AL Beaches	n	n	n	n	n	n						
FL Beaches	1	3	10	11	7	19						
Gulf Beaches	1	3	10	11	7	19						
Hist./Preh. Sites	1	5	15	6	4	11						
Brown Pelicans	n	2	8	n	n	3						
MI Sandhill Cranes	n	n	n	n	n	n						
Whooping Cranes	n	n	n	n	n	n						
Sea Turtles	n	5	15	1	2	5						
Manatee Hab.	n	4	14	n	4	n						
Dry Tortugas	1	n	n	9	5	14						
Florida Keys	n	n	n	2	1	12						
Straits of Florida	n	n	n	1	1	2						
Atchafalaya Riv. B.	n	n	n	n	n	n						
Everglades Nat. Pk.	n	n	n	n	n	n						
Gulf Segment 1	n	n	n	n	n	n						
Gulf Segment 2	n	n	n	n	n	n						
Gulf Segment 3	n	n	n	n	n	n						
Gulf Segment 4	n	n	n	n	n	n						
Gulf Segment 5	n	n	n	11	4	7						
Gulf Segment 6	2	1	n	15	7	9						

Note: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 6. -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 3 days.

Land Segment	Hypothetical Spill Location																																					
	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23	X24	X25													
1	4	8	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	1	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												
3	n	18	19	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
4	n	n	2	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
5	n	n	n	n	n	3	8	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
6	n	n	n	n	n	1	17	n	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
7	n	n	n	n	n	n	4	1	36	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
8	n	n	n	n	n	n	n	3	12	65	9	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n												
9	n	n	n	n	n	n	n	n	n	n	1	20	6	11	n	n	n	n	n	n	n	n	n	n	n	n												
10	n	n	n	n	n	n	n	n	n	n	n	38	9	n	n	n	34	5	1	n	n	n	n	n	n	n												
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	50	n	n	n	n	n	10	n	n												
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	23	54	7												
	X26	X27	X28	X29	X30	X31	X32	X33	X34	X35	X36	X37	X38	X39	X40	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50													
12	n	n	n	n	n	n	19	n	15	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
13	n	n	n	n	n	n	1	n	37	4	2	n	n	n	n	n	19	n	n	n	n	n	n	2	n	n												
14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	n	n	n	n	n	27	1	n													
15	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	1	n													
16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	2	n													
	X51	X52	X53	X54	X55	X56	X57	X58	X59	X60	X61	X62	X63	X64	X65	X66	X67	X68	X69	X70	X71	X72	X73	X74	X75													
15	n	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												
16	n	n	n	n	n	n	n	50	25	42	5	1	27	3	4	4	n	n	n	n	n	n	n	n	n	n												
17	n	n	n	n	n	n	n	n	n	n	n	n	11	80	24	1	1	n	n	n	n	n	n	39	49	11												
18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	40	4	n													
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n													
	X76	X77	X78	X79	X80	X81	X82	X83	X84	X85	X86	X87	X88	X89	X90	X91	X92	X93	X94	X95	X96	X97	X98	X99	X100													
17	1	3	13	n	n	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
18	n	14	8	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
19	n	39	8	55	11	2	n	21	31	53	65	11	1	26	3	18	n	n	n	n	n	n	n	n	n	n												
20	n	n	n	n	n	n	n	n	n	n	n	n	n	53	55	17	5	n	n	n	n	1	1	n	n	n												
21	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	2	21	n	n	n												
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	48	2	n	n												
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	32	n	n	n												
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	n												

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 6. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 3 days.

Land Segment	Hypothetical Spill Location																								
	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25
1	17	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	5	3	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	2	26	3	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	n	8	11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	16	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	14	n	n	2	9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	n	1	n	n	2	32	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	n	n	n	n	n	10	n	n	7	39	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n
9	n	n	n	n	n	n	n	n	n	5	n	n	n	n	n	2	16	n	n	n	n	n	n	n	n
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	22	n	n	n	n	n	5	19	n
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	28	n
W26 W27 W28 W29 W30 C31 C32 C33 W34 W35 W36 W37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50																									
11	n	n	n	n	n	n	1	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	n	n	n	n	n	n	3	54	n	n	n	n	n	2	44	n	1	n	n	n	n	n	n	n	n
13	n	n	n	n	n	n	n	n	n	n	n	n	n	1	9	4	51	n	n	n	n	n	n	1	n
14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	n	n	n	n	n	n	9	n
15	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
16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	23	n
C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75																									
16	n	n	n	n	n	8	17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
17	n	n	n	n	n	5	38	n	n	n	n	1	4	n	n	n	n	n	n	n	n	n	n	n	n
18	n	n	n	n	n	n	4	n	n	n	n	10	n	n	n	n	n	n	n	n	n	n	n	n	n
19	n	n	n	n	n	n	n	n	n	n	1	5	27	40	n	n	n	n	n	3	14	2	n	n	n
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	16	46	n	1	
21	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
C76 C77 78 79 E80 E81 E82 E83 E84 E85 E86 87 88 E89 E90 E91 E92 E93 E94 E95 96 E97 E98 E99 E100																									
20	3	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
21	3	31	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
22	6	24	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
23	1	8	n	n	n	n	n	n	n	3	24	n	n	n	n	n	n	n	n	n	n	n	n	n	n
24	n	n	n	n	n	n	n	n	n	2	21	n	n	n	n	n	n	n	n	7	n	n	n	n	n
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	n	n	n	n	n
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	n	n	n	n
27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	n	n	n	n

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 6. (Continued) -- Probabilities (expressed as percent chance) that an oil spill starting at a particular location will contact a certain land segment within 3 days.

[illegible]

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 6. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 3 days.

Land Segment	Hypothetical Spill Location																									
	T17	T18	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31	T32	T33	T34	T35	T36	T37	T38	T39	T40		
7	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
8	36	6	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
9	9	69	21	8	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
10	n	n	30	n	8	n	n	n	81	18	n	n	n	n	n	n	n	4	n	n	n	n	n	n		
11	n	n	n	n	n	n	n	n	n	24	55	7	n	16	n	n	n	n	n	n	n	n	n	n		
12	n	n	n	n	n	n	n	n	n	2	26	55	75	7	44	n	4	n	n	n	n	n	n	n		
	T41	T42	T43	T44	T45	T46	T47	T48	T49	T50	T51	T52	T53	T54	T55	T56	T57	T58	T59	T60	T61	T62	T63	T64	T65	
13	n	70	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
14	n	n	12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
15	n	n	24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
16	n	n	21	77	85	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
17	n	n	n	n	n	n	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
19	n	n	n	n	n	n	5	n	n	n	46	5	n	59	78	39	29	10	3	n	n	n	n	n		
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	21	82	42	8	19	n	5		
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	6	89	67	**	55	23		
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	3	77	
	T66	T67	T68	T69	T70	T71	T72	T73	T74	T75	T76	T77	T78	T79	T80	T81	T82	T83	T84	T85	T86	T87	T88	T89	P1	
20	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
21	11	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
22	58	1	20	n	n	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
23	n	n	5	n	n	6	65	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
24	n	n	n	n	n	26	22	n	n	n	n	45	n	n	n	n	n	n	n	n	n	n	n	n		
25	n	n	n	n	n	n	n	n	n	n	n	24	8	n	n	n	n	n	n	n	n	n	n	n		
26	n	n	n	n	n	n	n	n	n	n	n	1	14	1	n	n	n	n	n	n	n	n	n	n		
27	n	n	n	n	n	n	n	n	n	n	1	n	3	47	27	n	n	n	n	n	n	n	n	n		
28	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	n	n	n	n	n	n	n	n	n		
37	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	8	n	n	n	n	n	n	n		
38	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n		
43	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	16	n	
	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26	
1	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
2	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
3	n	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
4	n	n	n	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
5	n	n	n	30	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
6	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
7	n	n	n	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
8	n	n	n	n	27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		
9	n	n	n	n	n	n	n	n	n	n	n	51	4	n	n	n	n	n	n	n	n	n	n	n		
10	n	n	n	n	n	n	n	n	n	n	4	16	65	n	n	n	n	n	n	n	n	n	n	n		
11	n	n	n	n	n	n	n	n	n	n	n	n	n	2	13	8	59	n	1	n	n	n	n	n		
12	n	n	n	n	n	n	n	n	n	n	n	n	n	5	54	16	**	92	80	**	9	5	13	n		
13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	26	30	64	n	

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 6. (Continued) -- 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																																														
	P27	P28	P29	P30	P31	P32	P33	P34	P35	P36	P37	P38	P39	P40	P41	P42	P43	P44	P45	P46	P47	P48	P49	P50																							
13	n	n	n	n	n	n	n	n	n	8	n	n	n	n	n	n	2	1	n	n	n	n	n	n	n																						
14	n	n	n	n	n	n	n	n	n	32	n	n	n	n	n	4	6	23	2	n	n	n	n	n	n																						
15	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	1	n	3	n	n	n	n	n	n	n																						
16	n	n	n	n	n	n	n	n	n	n	n	n	n	18	83	n	n	n	14	78	n	n	1	29																							
16	P51	P52	P53	P54	P55	P56	P57	P58	P59	P60	P61	P62	P63	P64	P65	P66	P67	P68	P69	P70	P71	P72	P73	P74	P75																						
17	n	n	2	23	78	3	5	40	2	6	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n																						
18	n	n	n	n	n	n	1	8	10	30	52	71	87	47	55	28	15	4	1	4	3	n	n	n	n																						
19	n	n	n	n	n	n	n	n	n	n	1	n	41	9	18	10	2	1	13	11	2	n	n	n	n																						
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	4	5	3	13	37	60	42	1	64	1	1	6																				
19	P76	P77	P78	P79	P80	P81	P82	P83	P84	P85	P86	P87	P88	P89	P90	P91	P92	P93	P94	P95	P96	P97	P98	P99	P100																						
20	22	14	89	93	32	74	98	18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n																						
21	36	10	5	n	51	20	2	77	3	5	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n																						
22	n	n	n	n	n	n	n	n	4	95	78	11	n	n	n	n	n	n	n	n	n	n	n	n	n																						
23	n	n	n	n	n	n	n	n	n	n	n	19	n	n	n	n	n	n	n	n	n	n	n	n	n																						
24	n	n	n	n	n	n	n	n	n	n	n	4	n	n	n	n	n	n	n	n	n	n	n	n	n																						
28	n	n	n	n	n	n	n	n	n	n	n	n	n	11	n	n	n	n	n	n	n	n	n	n	n																						
37	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	17	n	n	n	n	n	n	n	n																						
38	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n																						
39	P	P	P	P	P	P	P																																								
40	101	102	103	104	105	106																																									
41	n	n	1	n	n	n	n																																								
42	n	n	2	n	n	n	n																																								
43	n	n	n	n	3	n	n																																								

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 7. -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 10 days.

Land Segment	Hypothetical Spill Location																								
	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23	X24	X25
1	27	15	3	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	12	22	5	4	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	20	54	54	16	2	16	5	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	1	5	28	11	2	22	11	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	4	9	6	26	23	3	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	1	3	16	19	38	9	18	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	n	n	n	n	19	5	15	29	55	6	4	n	n	1	n	n	n	n	n	n	n	n	n	n	n
8	n	n	n	n	1	n	31	15	86	68	7	9	30	7	7	n	n	n	n	n	n	n	n	n	n
9	n	n	n	n	n	n	n	n	n	3	35	38	42	14	2	4	1	4	5	5	5	5	5	5	5
10	n	n	n	n	n	n	n	n	n	n	49	30	2	2	n	73	27	59	11	2	4	11	1	1	1
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	62	6	1	n	n	36	6	12	12
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	31	77	42	42
X26	X27	X28	X29	X30	X31	X32	X33	X34	X35	X36	X37	X38	X39	X40	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50	X50
7	3	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
29	10	2	1	n	n	2	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
15	7	2	n	n	n	59	n	35	38	25	6	7	n	n	n	8	15	7	8	2	n	2	1	3	3
13	n	n	n	n	n	1	n	42	8	10	n	1	n	n	n	49	19	8	22	3	1	17	18	20	
14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	2	1	3	n	n	42	21	7	
15	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	3	n	
16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	3	n	
X51	X52	X53	X54	X55	X56	X57	X58	X59	X60	X61	X62	X63	X64	X65	X66	X67	X68	X69	X70	X71	X72	X73	X74	X75	X75
2	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
11	7	3	2	n	n	n	4	4	n	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	8	1	2	n	n	n	11	11	2	7	3	n	n	n	1	n	n	n	n	n	n	n	n	n	n
15	n	1	1	n	n	n	3	2	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
16	n	2	1	n	n	1	52	34	58	20	12	53	9	32	37	27	23	10	14	n	n	2	7	16	
17	n	n	n	n	n	n	n	n	n	n	n	12	82	35	2	18	3	n	4	n	n	46	67	46	
18	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	43	7	2	
19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	1	
X76	X77	X78	X79	X80	X81	X82	X83	X84	X85	X86	X87	X88	X89	X90	X91	X92	X93	X94	X95	X96	X97	X98	X99	X100	X100
7	1	3	n	1	3	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
36	14	36	6	20	37	18	8	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	29	28	11	17	17	1	7	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	45	14	68	28	10	2	49	71	78	82	40	6	32	15	36	9	5	n	n	2	n	n	n	n	n
n	n	n	n	n	n	n	n	n	n	1	6	27	75	61	42	24	8	2	2	25	7	1	n	n	n
n	n	n	n	n	n	n	n	n	n	n	n	n	4	n	2	1	4	2	2	3	29	28	2	n	n
n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	8	9	50	16	n	n	
n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	3	n	11	52	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	n	

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

Table 7. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 10 days.

Land Segment	Hypothetical Spill Location																								
	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25
1	34	3	n	19	4	n	n	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	17	7	1	7	6	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	30	58	12	15	29	4	1	2	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	2	27	28	3	22	5	2	2	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	n	2	33	1	12	11	5	2	8	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	n	n	20	n	4	21	18	1	11	2	1	n	1	2	1	n	n	n	n	n	n	n	n	n	n
7	n	n	2	n	1	27	53	n	13	18	7	n	n	5	7	1	n	n	n	n	n	n	n	n	n
8	n	n	n	n	n	6	14	n	1	48	74	n	n	1	12	26	9	n	n	n	n	n	n	n	n
9	n	n	n	n	n	n	n	n	n	n	6	n	n	n	18	37	n	n	n	n	1	1	1	n	n
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	37	n	n	n	n	8	51	45	n
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	41	n
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	n
	W26	W27	W28	W29	W30	C31	C32	C33	W34	W35	W36	W37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
9	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
10	n	n	n	4	23	1	6	4	n	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n	n
11	n	n	n	1	17	2	23	18	n	n	n	n	n	n	28	69	15	11	n	n	n	n	n	n	n
12	n	n	n	n	1	n	21	68	n	n	n	n	1	28	9	21	61	n	n	n	n	1	8	12	n
13	n	n	n	n	n	n	n	n	n	n	n	n	n	2	9	2	7	n	n	n	n	1	8	21	n
14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n	
15	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	n
16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	9	27	n
	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75
16	n	n	1	12	39	26	n	n	n	n	1	2	2	n	n	n	n	n	n	n	n	n	n	n	n
17	n	n	1	5	11	49	n	n	n	n	1	7	26	21	2	n	n	n	n	n	n	n	n	n	n
18	n	n	n	n	n	5	n	n	n	n	2	11	27	2	n	n	n	n	n	n	n	n	n	n	n
19	n	n	n	n	n	1	n	n	2	8	20	16	35	69	n	n	1	6	7	20	27	6	1	1	3
20	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	1	10	46	70	n	7	34
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	n	3	15
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	5
23	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
	C76	C77	78	79	E80	E81	E82	E83	E84	E85	E86	87	88	E89	E90	E91	E92	E93	E94	E95	96	E97	E98	E99	E100
19	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
20	17	16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
21	23	40	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
22	20	29	n	n	n	n	n	n	n	1	9	6	n	n	n	n	n	n	n	n	n	n	n	n	n
23	3	8	n	n	n	n	n	n	n	3	20	38	n	n	n	n	1	1	n	n	n	n	n	n	n
24	n	n	n	n	n	n	n	n	n	2	13	33	n	n	n	n	1	13	26	n	n	n	n	n	n
25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	10	27	n	n	n	n	n	n
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	6	12	n	n	n	n	n	n
27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	n	n	n	n	n	n

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.

Table 7. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 10 days.

Land Segment	Hypothetical Spill Location																								
	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
25	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
26	n	n	n	n	1	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
27	n	n	n	n	5	19	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
28	n	n	n	n	4	1	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n
29	n	n	n	n	3	n	n	n	n	n	n	n	n	3	39	62	n	n	n	n	n	n	n	n	n
30	n	n	n	n	n	n	n	n	n	n	n	n	n	1	22	n	n	n	n	n	n	n	n	n	n
29	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
30	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
31	n	n	1	13	21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
32	n	n	n	9	45	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
33	n	n	n	2	6	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n	n	n
34	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	n	n	n	n	n	n	n	n	n	n
36	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n
37	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n
38	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
39	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
41	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
42	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
43	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	6	n	n	n	n	n	26	1	n	n
1	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2	151	152	153	154	155	156	S1	S2	S3	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16
3	n	n	n	n	n	n	n	n	n	n	79	7	n	21	n	n	n	n	n	n	n	n	n	n	n
4	n	n	n	n	n	n	n	1	n	3	1	n	11	n	n	n	n	n	n	n	n	n	n	n	n
5	n	n	n	n	n	n	n	15	n	1	1	n	35	13	4	5	2	3	1	n	2	n	n	n	n
6	n	n	n	n	n	n	n	20	n	n	n	n	19	33	15	7	6	11	1	n	7	3	1	n	n
7	n	n	n	n	n	n	n	45	n	n	n	n	5	48	54	12	42	18	3	n	17	7	2	1	n
8	n	n	n	n	n	n	n	10	n	n	n	n	n	3	26	9	48	46	9	n	26	17	6	3	n
9	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	7	1	11	14	n	37	32	39	37	6
16	n	n	n	n	n	n	n	74	n	n	n	n	n	n	n	1	n	2	n	4	3	23	54	8	n
17	n	n	n	n	n	n	n	17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
18	n	n	n	n	n	n	n	n	n	11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
41	n	n	n	n	n	n	n	n	n	65	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
42	9	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
43	1	n	n	2	13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
	n	53	4	3	1	61	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 7. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 10 days.

Land Segment	Hypothetical Spill Location																																				
	T17	T18	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31	T32	T33	T34	T35	T36	T37	T38	T39	T40													
6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
7	11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
8	66	19	9	15	2	1	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
9	11	74	39	35	19	3	n	n	4	3	n	n	n	n	n	n	n	3	n	n	n	n	n	n													
10	n	n	42	3	34	1	n	n	90	49	6	6	1	14	2	10	2	30	n	n	n	n	n	n													
11	n	n	n	n	n	n	n	n	n	34	63	21	7	52	12	21	14	4	2	n	n	n	n	n													
12	n	n	n	n	n	n	n	n	n	3	26	62	84	10	69	4	25	1	1	n	n	n	n	n													
	T41	T42	T43	T44	T45	T46	T47	T48	T49	T50	T51	T52	T53	T54	T55	T56	T57	T58	T59	T60	T61	T62	T63	T64	T65												
12	n	7	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
13	n	79	8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
14	n	1	29	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
15	n	25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
16	1	n	21	82	90	9	3	14	5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
17	n	n	n	n	n	7	24	38	7	n	6	1	n	n	1	n	n	n	n	n	n	n	n	n													
18	n	n	n	n	n	n	8	1	n	n	9	1	n	n	2	n	n	n	n	n	n	n	n	n													
19	n	n	n	n	n	n	15	1	1	4	63	30	n	n	79	91	66	44	13	7	n	n	n	1													
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	13	45	87	63	10	25	n	18													
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	17	90	74	**	71	23												
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	4	77												
	T66	T67	T68	T69	T70	T71	T72	T73	T74	T75	T76	T77	T78	T79	T80	T81	T82	T83	T84	T85	T86	T87	T88	T89	P1												
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	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	n	2												
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	4												
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	2												
5	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												
19	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												
20	10	10	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
21	18	7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
22	60	8	39	3	3	3	10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
23	n	2	11	4	9	29	66	n	n	n	n	4	n	n	n	n	n	n	n	n	n	n	n	n	n												
24	n	n	n	1	2	35	22	n	n	n	n	55	4	n	n	n	n	n	n	n	n	n	n	n	n												
25	n	n	n	n	n	n	n	n	n	n	2	27	27	4	3	n	n	n	n	n	n	n	n	n	n												
26	n	n	n	n	n	n	n	n	n	n	6	1	26	12	8	n	n	n	n	n	n	n	n	n	n												
27	n	n	n	n	n	n	n	n	n	n	6	5	53	39	n	n	n	n	n	n	n	n	n	n	n												
28	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	n	n	n	n	n	n	n	n	n	n												
37	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	n	n	n	n	n	n	n												
38	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	n	n	n	n	n												
43	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	1	n	n	36	61												

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 7. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 10 days.

Land Segment	Hypothetical Spill Location																																				
	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26												
1	6	8	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
2	6	10	2	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
3	19	40	7	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
4	15	21	8	25	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
5	7	6	11	47	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
6	1	1	6	4	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
7	n	n	2	n	17	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
8	n	n	n	n	57	n	n	n	1	n	3	6	3	n	n	n	n	n	n	n	n	n	n	n	n	n											
9	n	n	n	n	n	n	1	4	9	6	18	64	16	n	n	n	n	n	n	n	n	n	n	n	n	n											
10	n	n	n	n	n	n	2	6	5	11	30	24	74	7	17	6	7	n	1	n	n	n	n	n	n	n											
11	n	n	n	n	n	n	n	n	n	n	n	n	n	37	53	26	71	n	4	3	n	n	n	n	n	n											
12	n	n	n	n	n	n	n	n	n	n	n	n	n	23	9	58	16	**	93	90	**	40	29	24	n	n											
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	n											
12																																					
13	n	n	1	3	1	3	6	11	11	6	8	2	1	n	n	2	4	2	1	n	1	1	1	n	n												
14	n	1	1	2	n	1	1	3	14	33	14	17	7	7	1	22	36	24	13	2	2	1	2	2	n												
15	n	n	n	n	n	n	n	n	1	33	1	9	6	18	2	29	17	41	29	4	n	n	4	11	n												
16	n	n	n	n	n	n	n	n	n	n	n	1	1	3	1	2	n	1	4	1	n	n	1	2	n												
17	n	n	n	n	n	n	n	n	n	n	n	1	1	1	20	84	n	n	15	79	n	n	3	38	n												
13																																					
14	n	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n												
15	n	2	6	4	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
16	n	1	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n											
17	2	6	16	41	84	40	43	61	21	23	14	3	3	5	3	3	3	1	1	n	1	n	n	n	n	n											
18	n	n	n	n	n	n	n	n	n	n	n	90	50	67	46	43	40	19	15	10	12	n	n	n	n												
19	n	n	n	n	n	n	n	n	1	n	2	n	42	12	32	26	18	22	30	21	20	n	n	n	n												
20	n	n	n	n	n	n	n	n	n	n	n	n	n	2	7	9	10	30	44	64	55	24	84	7	11												
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	16	52	6											

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 7. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 10 days.

Land Segment	Hypothetical Spill Location																								
	P76	P77	P78	P79	P80	P81	P82	P83	P84	P85	P86	P87	P88	P89	P90	P91	P92	P93	P94	P95	P96	P97	P98	P99	P100
19	34	28	91	96	37	77	98	18	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
20	59	49	8	1	60	23	2	78	4	12	14	n	n	n	n	n	n	n	n	n	n	n	n	n	n
21	n	1	n	n	n	n	n	4	96	85	30	n	n	n	n	n	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	n	n	n	n	n	33	n	n	n	n	n	n	n	n	n	n	n	n	n	n
23	n	n	n	n	n	n	n	n	n	n	6	n	n	4	n	n	n	n	n	n	n	n	n	n	n
24	n	n	n	n	n	n	n	n	n	n	n	n	n	26	n	n	n	n	n	n	n	n	n	n	n
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	n	n	n	n	n	n	n	n
27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	10	n	n	n	n	n	n	n	n
28	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	19	n	n	n	n	n	n	n	n
29	n	n	n	n	n	n	n	n	n	n	n	n	n	n	48	19	1	n	n	n	n	n	n	n	n
30	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	n	n	n	n	n	n	n	n	n	n
37	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	46	n
38	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

P P P P P P
101 102 103 104 105 106

39 n 1 3 n n n
40 n 1 3 n n n
41 n n 3 n n n
42 n n n n 3 n
43 n n n n 1

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 8. -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 30 days.

Land Segment	Hypothetical Spill Location																								
	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23	X24	X25
1	31	15	3	8	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	15	22	6	8	2	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	32	55	56	31	14	19	7	5	2	n	1	n	n	1	1	2	n	n	n	n	1	n	n	n	n
4	9	6	29	23	13	25	13	5	3	1	1	n	n	1	1	3	n	n	n	1	1	n	n	n	n
5	2	1	5	18	15	28	25	7	5	1	2	n	n	2	2	4	n	n	n	1	1	1	n	n	n
6	n	n	1	7	24	20	38	13	19	2	4	n	n	1	2	3	5	n	n	2	3	1	n	n	n
7	n	n	n	2	28	5	15	35	55	8	12	2	3	7	11	14	1	n	1	5	8	4	n	n	n
8	n	n	n	n	2	n	n	33	15	87	74	12	20	40	36	39	3	2	9	19	24	14	3	1	3
9	n	n	n	n	n	n	n	n	n	n	3	35	40	43	26	12	8	3	12	22	24	17	3	1	4
10	n	n	n	n	n	n	n	n	n	n	n	49	31	2	6	2	76	30	66	34	15	34	20	8	17
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	11	62	6	1	n	3	38	9	22
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	31	78	46
7	n	n	n	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
8	5	4	4	8	5	4	1	4	n	1	n	2	1	1	n	n	n	n	n	n	n	n	n	n	n
9	7	9	6	13	9	10	2	7	1	2	3	4	3	3	3	1	n	1	1	1	1	1	n	n	n
10	28	33	30	36	29	24	11	25	4	12	12	20	16	19	15	11	4	8	9	7	9	9	2	2	4
11	36	28	21	11	14	10	11	18	4	12	11	18	14	15	12	11	5	9	11	7	11	11	2	4	6
12	16	11	13	2	3	2	66	11	41	53	46	29	35	22	21	19	19	38	36	32	32	28	8	14	24
13	n	n	n	n	n	n	1	n	42	8	11	n	2	n	1	1	50	21	12	26	8	4	19	27	30
14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	2	1	3	1	1	42	22	8
15	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	3	n
16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	12	3	n
X26	X27	X28	X29	X30	X31	X32	X33	X34	X35	X36	X37	X38	X39	X40	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50	
n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	4	4	8	5	4	1	4	n	1	n	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n
7	9	6	13	9	10	2	7	1	2	3	4	3	3	3	3	1	n	1	1	1	1	1	n	n	n
28	33	30	36	29	24	11	25	4	12	12	20	16	19	15	11	4	8	9	7	9	9	2	2	4	4
36	28	21	11	14	10	11	18	4	12	11	18	14	15	12	11	5	9	11	7	11	11	2	4	6	6
16	11	13	2	3	2	66	11	41	53	46	29	35	22	21	19	19	38	36	32	32	28	8	14	24	24
n	n	n	n	n	n	n	1	n	42	8	11	n	2	n	1	1	50	21	12	26	8	4	19	27	30
n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	2	1	3	1	1	42	22	8
n	n	n	n	n	n	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	n	n	n	n	n	n	n	12	3	n
X51	X52	X53	X54	X55	X56	X57	X58	X59	X60	X61	X62	X63	X64	X65	X66	X67	X68	X69	X70	X71	X72	X73	X74	X75	
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
5	2	4	2	3	4	n	n	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	5	8	4	5	8	1	1	2	n	2	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n
27	21	26	22	25	22	12	6	8	4	12	13	3	n	2	5	2	4	9	2	4	2	2	n	1	1
24	23	17	19	13	6	16	8	14	6	16	17	5	1	3	7	3	8	12	6	7	3	n	1	2	2
3	12	2	7	3	1	7	12	15	5	15	12	3	n	2	7	3	8	12	6	6	3	n	1	2	2
n	1	n	1	n	n	1	3	2	1	2	1	n	n	n	1	n	1	1	1	1	n	n	n	n	n
n	2	n	1	n	n	3	52	34	59	20	13	55	11	38	42	39	34	18	33	12	8	4	11	23	23
n	n	n	n	n	n	n	n	n	n	n	n	12	82	35	2	19	4	n	6	1	1	46	68	48	48
n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	43	8	2
n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	4	2	2

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 8. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 30 days.

Land Segment	Hypothetical Spill Location																																											
	X76	X77	X78	X79	X80	X81	X82	X83	X84	X85	X86	X87	X88	X89	X90	X91	X92	X93	X94	X95	X96	X97	X98	X99	X100																			
13	1	n	n	n	n	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n																		
14	1	n	1	n	n	1	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n																		
16	19	4	7	2	7	9	26	4	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n																		
17	42	16	39	9	29	44	29	17	4	3	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n																		
18	7	30	29	12	21	19	3	12	3	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n																		
19	7	46	15	70	31	13	5	56	79	84	86	48	8	33	20	42	18	16	7	5	6	1	2	n	n	n																		
20	n	n	n	n	n	n	n	n	n	2	2	8	38	77	66	68	49	41	31	19	19	37	8	10	n	n																		
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	2	15	18	22	20	37	28	6	n	n	n																		
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	6	13	22	10	50	18	n	n	n																		
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	6	1	11	53	n	n	n																		
24	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	2	n	n	n																		
1	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25																			
2	35	3	n	25	6	1	n	12	2	n	n	5	5	2	1	n	n	n	1	n	n	n	n	n	n	n																		
3	18	7	1	11	7	1	n	7	3	n	n	3	2	2	1	n	n	n	n	n	n	n	n	n	n	n																		
4	33	59	13	33	37	10	2	22	16	2	1	8	10	8	5	2	n	1	2	2	2	1	n	n	n	n																		
5	4	28	29	12	28	10	4	18	13	3	1	7	9	8	6	2	n	1	2	3	1	1	n	n	n	n																		
6	1	2	34	6	15	15	7	14	17	5	1	9	11	10	6	2	n	1	3	2	1	1	n	n	n	n																		
7	n	n	20	2	6	24	19	10	21	8	3	11	14	13	10	5	1	3	5	5	4	2	1	n	n	n																		
8	n	n	2	n	1	31	54	6	22	27	11	14	18	25	24	11	3	10	13	13	10	7	2	n	1	n																		
9	n	n	n	n	n	n	7	14	1	2	53	76	2	5	15	34	46	17	8	16	21	29	24	11	3	4																		
10	n	n	n	n	n	n	n	n	n	n	6	n	n	1	2	22	38	1	3	7	14	26	16	5	3	n																		
11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	37	1	1	2	6	21	59	49	3																		
12	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	5	41	n	n																		
5	W26	W27	W28	W29	W30	C31	C32	C33	W34	W35	W36	W37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50																			
6	n	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																		
7	1	2	1	2	2	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n																		
8	6	8	9	14	9	7	4	1	n	n	1	1	2	2	1	n	n	n	n	n	n	n	n	n	n	n																		
9	6	9	12	19	11	10	6	1	n	1	2	3	4	3	1	1	n	n	n	n	n	n	n	n	n	n																		
10	8	16	24	34	46	36	25	9	2	5	10	17	18	17	5	9	3	n	n	1	2	2	2	2	n	n																		
11	1	2	5	4	21	15	32	20	1	3	8	11	16	18	7	9	4	n	1	3	5	5	5	2	n	n																		
12	n	n	n	1	n	1	4	23	68	1	3	7	13	21	44	73	36	17	n	3	10	17	19	19	10	n	n																	
13	n	n	n	n	n	n	n	n	n	n	n	n	1	2	9	23	62	n	2	5	9	16	20	16	n	n																		
14	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	7	n	1	1	2	6	11	22	n	n																	
15	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	6	11	22	n	n																	
16	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	n	1	3	9	27	1	n																	

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 8. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 30 days.

Land Segment	Hypothetical Spill Location																																					
	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75													
11	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													
12	1	3	5	4	3	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
13	2	5	8	8	5	2	n	n	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
14	1	5	7	6	5	1	n	n	1	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n													
15	n	1	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
16	4	8	15	28	45	29	5	9	13	14	11	12	5	2	2	1	2	1	1	n	n	n	n	n	n													
17	1	1	2	7	12	49	5	8	12	15	19	35	24	6	6	3	4	3	1	1	n	n	n	n	n													
18	n	n	n	n	n	6	2	3	4	5	8	15	28	3	3	2	2	1	1	n	n	n	n	n	n													
19	n	n	1	1	n	1	3	5	9	18	32	19	36	76	15	20	23	23	36	32	8	12	10	9														
20	n	n	n	n	n	n	n	n	1	1	1	n	n	3	3	5	7	10	14	29	54	73	13	26	46													
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	4	6	4	9	12	21	23													
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	3	3	n	1	10	9	6													
23	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	2	1	n	n	4	3	n													
24	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													
19	C76	C77	78	79	E80	E81	E82	E83	E84	E85	E86	87	88	E89	E90	E91	E92	E93	E94	E95	96	E97	E98	E99	E100													
20	5	1	5	6	6	5	4	2	3	2	1	n	n	n	n	1	n	n	1	n	n	n	n	n	n													
21	27	18	1	2	3	2	1	3	8	8	4	n	n	n	n	n	n	1	2	2	n	n	n	n	n													
22	31	41	n	n	n	1	1	4	7	7	3	n	n	n	n	n	n	1	1	1	n	n	n	n	n													
23	23	30	n	n	n	1	2	7	14	16	8	n	n	n	n	n	1	2	2	1	n	n	n	n	n													
24	4	8	n	n	n	1	3	11	19	28	40	n	n	n	n	n	1	4	9	6	4	n	n	n	n													
25	n	n	n	n	n	n	3	8	9	17	34	n	n	n	n	n	3	13	25	31	32	n	n	n	n													
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	4	7	16	28	n	n	n	n													
27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	1	2	7	13	n	n	n	n													
43	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	2	n	n	n	n	n													
22	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E													
23	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125													
24	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													
25	n	n	1	4	10	10	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n	n	n	n													
26	n	n	1	6	11	17	n	n	n	n	n	n	n	n	n	2	1	n	n	n	n	n	n	n	n													
27	n	n	1	4	8	15	n	n	n	n	n	n	n	n	n	1	3	2	n	n	n	n	n	n	n													
28	n	n	n	3	10	21	n	n	n	n	n	n	n	n	n	2	5	4	1	n	n	n	n	n	n													
29	n	n	n	1	5	1	n	n	n	n	n	n	n	n	n	5	5	1	n	n	n	n	n	n	n													
30	n	n	n	n	3	n	n	n	n	n	n	n	n	1	5	16	46	65	n	n	n	n	n	n	n													
43	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	22	n	n	n	n	n	n	n													

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent. Rows with all values less than 0.5 percent are not shown.

Table 8. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 30 days.

Land Segment	Hypothetical Spill Location															
	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
26	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n
27	n	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n
28	1	2	2	1	n	n	n	n	1	1	n	n	n	n	n	n
29	7	20	29	37	33	n	n	n	8	17	18	n	n	n	n	n
30	n	3	8	20	48	n	n	n	1	7	16	n	n	n	n	n
31	n	n	1	3	7	n	n	n	n	1	3	n	n	n	n	n
32	n	n	n	1	n	n	n	n	n	1	3	n	n	n	n	n
33	n	n	n	n	n	n	n	n	n	n	5	n	n	n	n	n
34	n	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n
36	n	n	n	n	n	n	n	n	n	1	n	n	n	n	n	n
37	n	n	n	n	n	n	n	n	1	1	n	n	n	n	n	n
38	n	n	n	n	n	n	n	n	1	n	n	n	n	1	n	n
39	n	n	n	n	n	n	n	n	1	n	n	n	n	2	n	n
41	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2
42	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1
43	n	n	n	n	n	11	3	1	n	n	n	19	2	n	44	3

Land Segment	Hypothetical Spill Location															
	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
151	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
152	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
153	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
154	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
155	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
156	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
157	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
158	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
159	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
160	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
161	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
162	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
163	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
164	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
165	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
166	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
167	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
168	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
169	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
170	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
171	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
172	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
173	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
174	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
175	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
176	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
177	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
178	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
179	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
180	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
181	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
182	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
183	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
184	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
185	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
186	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
187	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
188	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
189	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
190	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
191	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
192	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
193	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
194	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
195	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
196	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
197	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
198	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
199	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
200	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
 Rows with all values less than 0.5 percent are not shown.

Table 8. (continued) -- 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																								
	T166	T167	T168	T169	T170	T171	T172	T173	T174	T175	T176	T177	T178	T179	T180	T181	T182	T183	T184	T185	T186	T187	T188	T189	P1
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
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	6
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	27
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	20
5	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	16
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	8
7	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
19	1	5	4	4	3	1	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
20	13	21	15	11	9	6	n	2	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
21	22	29	13	10	8	3	n	2	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
22	60	16	44	22	19	8	11	4	n	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n
23	n	5	12	15	22	34	66	7	n	1	3	6	2	1	1	n	n	n	n	n	n	n	n	n	n
24	n	n	n	3	5	36	22	5	n	4	16	57	11	5	6	n	n	n	n	n	n	n	n	n	n
25	n	n	n	n	n	n	n	1	n	3	16	27	32	10	11	n	n	n	n	n	n	n	n	n	n
26	n	n	n	n	n	n	n	n	n	1	10	1	27	14	12	n	n	n	n	n	n	n	n	n	n
27	n	n	n	n	n	n	n	n	n	1	7	n	6	54	40	n	n	n	n	n	n	n	n	n	n
28	n	n	n	n	n	n	n	n	n	n	n	n	n	n	9	n	n	n	n	n	n	n	n	n	n
29	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	5	1	n	n	n	n	n	n	n
37	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	10	n	n	n	n	n	n	n	n
38	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	1	n	n	n	n	n	n	n
43	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	5	6	55	80	n
	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26
1	9	9	6	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
2	9	11	5	2	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
3	33	44	23	16	2	1	n	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
4	27	25	20	27	3	n	n	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
5	15	8	21	49	3	1	n	1	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
6	4	1	14	4	6	2	1	2	3	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
7	1	n	8	n	23	5	3	7	8	6	5	2	1	n	1	n	n	n	n	n	n	n	n	n	n
8	n	n	1	n	61	18	15	21	28	21	9	6	3	3	1	1	n	n	n	n	n	n	n	n	n
9	n	n	n	n	n	12	19	21	26	22	64	17	4	5	2	1	n	n	n	n	1	n	n	n	1
10	n	n	n	n	n	10	31	26	15	30	36	24	74	22	26	10	9	n	2	3	n	7	5	3	11
11	n	n	n	n	n	n	3	1	n	1	n	n	n	41	54	27	72	n	4	5	n	7	5	3	8
12	n	n	n	n	n	n	n	n	n	n	n	n	n	23	9	58	16	**	93	91	**	48	39	28	8
13	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	28	41	64	n
	P27	P28	P29	P30	P31	P32	P33	P34	P35	P36	P37	P38	P39	P40	P41	P42	P43	P44	P45	P46	P47	P48	P49	P50	
8	1	n	1	n	2	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
9	4	2	2	2	4	4	3	3	2	n	1	n	n	n	n	n	n	n	n	n	1	1	n	n	n
10	18	11	15	13	23	21	15	13	10	4	9	4	3	1	n	3	3	2	1	n	9	7	2	n	n
11	16	13	14	12	19	17	14	13	11	3	8	6	5	3	1	3	5	3	2	1	11	9	4	2	2
12	20	28	27	35	19	26	35	40	38	15	35	22	22	12	3	16	17	13	10	3	31	30	23	8	
13	n	3	2	3	n	1	2	4	16	34	18	28	23	17	3	28	40	27	18	4	6	9	18	12	
14	n	n	n	n	n	n	n	n	1	34	1	10	9	21	3	29	18	41	29	5	1	1	8	14	
15	n	n	n	n	n	n	n	n	n	n	n	1	1	3	1	2	n	1	4	1	n	1	2	2	
16	n	n	n	n	n	n	n	n	n	n	n	1	1	20	84	n	n	n	15	79	n	n	3	38	

Notes: ** = Greater than 99,5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 8. (Continued) -- Probabilities (expressed as percent chance) that an oilspill starting at a particular location will contact a certain land segment within 30 days.

Land Segment	Hypothetical Spill Location																								
	P51	P52	P53	P54	P55	P56	P57	P58	P59	P60	P61	P62	P63	P64	P65	P66	P67	P68	P69	P70	P71	P72	P73	P74	P75
10	n	n	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11	1	2	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
12	8	15	13	7	2	5	3	2	1	1	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n
13	9	18	15	9	1	6	4	3	2	2	1	1	n	1	n	1	1	n	n	n	n	n	n	n	n
14	6	14	15	10	1	6	4	2	2	1	1	1	n	1	n	n	1	n	n	n	n	n	n	n	n
15	1	2	2	1	n	1	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
16	4	7	17	42	85	45	50	63	27	26	16	4	4	8	6	7	11	6	3	2	4	3	1	n	n
17	n	n	n	n	n	2	11	11	50	57	73	91	50	68	47	46	45	25	17	11	14	8	2	n	n
18	n	n	n	n	n	n	n	n	n	1	n	2	n	42	13	32	27	19	24	30	21	4	1	n	n
19	n	n	n	n	n	n	n	n	n	n	n	n	n	2	8	10	11	32	45	64	56	42	88	16	18
20	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	8	3	30	62
21	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	12	8
22	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	7	1
23	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
24	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
P/6 P// P/8 P79 P80 P81 P82 P83 P84 P85 P86 P87 P88 P89 P90 P91 P92 P93 P94 P95 P96 P97 P98 P99 P100																									
19	36	33	91	97	38	77	98	18	n	1	3	1	n	1	n	n	n	n	n	n	n	n	n	n	n
20	61	55	8	2	61	23	2	78	4	12	20	1	n	3	n	n	n	n	n	n	n	n	n	n	n
21	n	3	n	n	n	n	n	4	96	86	33	1	n	2	n	n	n	n	n	n	n	n	n	n	n
22	n	n	n	n	n	n	n	n	n	n	33	2	1	4	n	n	1	n	n	n	n	n	n	n	n
23	n	n	n	n	n	n	n	n	n	n	6	7	5	16	n	n	n	n	n	n	n	n	n	n	n
24	n	n	n	n	n	n	n	n	n	n	n	10	11	37	n	4	6	n	n	n	n	n	n	n	n
25	n	n	n	n	n	n	n	n	n	n	n	2	2	1	n	6	11	1	n	n	n	n	n	n	n
26	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	7	10	2	n	n	n	n	n	n
27	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	2	8	14	3	2	1	n	n	n	n
28	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	3	7	19	4	3	1	1	n	n	n
29	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	57	20	1	7	19	22	18	9	1	2
30	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	4	n	n	n	1	4	1	n	n	n
37	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	1	n	46	n
38	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
P P																									
101 102 103 104 105 106																									
38	n	n	1	n	n	n																			
39	n	1	4	n	n	n																			
40	n	1	3	n	n	n																			
41	n	n	3	n	n	n																			
42	n	n	n	n	3	n																			
43	n	n	n	1	1	4																			

Notes: ** = Greater than 99.5 percent; n = less than 0.5 percent.
Rows with all values less than 0.5 percent are not shown.

Table 9. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Gulf-wide volume scenario number 1.

Target	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----							
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED EXISTING & IMPORT			
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean		
Land	98	4.1	**	7.5	**	9.4	**	12.9	**	20.4	**	12.0	**	19.1	**	45.4
Coastal Inlet Areas	78	1.5	94	2.8	98	4.0	95	5.1	99	9.3	**	4.6	**	7.3	**	19.8
Sea Grass Beds	10	0.1	10	0.1	24	0.3	18	0.2	20	0.2	40	0.5	26	0.3	28	0.3
Flower Garden Banks	6	0.1	7	0.1	12	0.1	14	0.1	16	0.2	61	0.9	30	0.4	39	0.5
Env. Preser. Areas	44	0.6	51	0.7	60	0.9	66	1.1	77	1.5	85	1.9	78	1.5	87	2.0
TX Beaches	33	0.4	39	0.5	62	1.0	57	0.8	64	1.0	90	2.3	79	1.6	85	1.9
LA Beaches	4	0.0	10	0.1	12	0.1	8	0.1	22	0.2	26	0.3	15	0.2	31	0.4
MI Beaches	6	0.1	6	0.1	12	0.1	15	0.2	16	0.2	31	0.4	21	0.2	24	0.3
AL Beaches	24	0.3	25	0.3	27	0.3	29	0.3	30	0.4	39	0.5	41	0.5	42	0.5
FL Beaches	14	0.2	14	0.2	15	0.2	23	0.3	23	0.3	24	0.3	36	0.4	36	0.4
Gulf Beaches	61	0.9	67	1.1	82	1.7	82	1.7	87	2.1	98	3.7	95	2.9	97	3.6
Hist./Preh. Sites	66	1.1	81	1.7	88	2.1	84	1.9	94	2.8	99	4.9	95	3.1	99	4.6
Brown Pelicans	60	0.9	73	1.3	79	1.6	88	2.1	95	3.0	98	4.2	97	3.4	99	4.6
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	3	0.0	2	0.0	3	0.0	13	0.1	8	0.1	9	0.1
Sea Turtles	30	0.4	39	0.5	39	0.5	52	0.7	66	1.1	69	1.2	64	1.0	75	1.4
Manatee Hab.	5	0.1	5	0.1	5	0.1	6	0.1	6	0.1	6	0.1	6	0.1	7	0.1
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	6	0.1	6	0.1
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Atchafalaya Riv. B.	4	0.0	10	0.1	10	0.1	10	0.1	22	0.2	22	0.2	14	0.1	27	0.3
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	6	0.1	6	0.1
Gulf Segment 6	n	0.0	n	0.0	n	0.0	2	0.0	2	0.0	2	0.0	10	0.1	11	0.1

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table 10. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Gulf-wide volume scenario number 1.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	6	0.1	6	0.1	12	0.1	12	0.1	17	0.2	20	0.2
2	n	0.0	n	0.0	2	0.0	3	0.0	5	0.1	8	0.1
3	1	0.0	1	0.0	8	0.1	11	0.1	19	0.2	33	0.4
4	2	0.0	2	0.0	9	0.1	10	0.1	17	0.2	32	0.4
5	8	0.1	9	0.1	15	0.2	28	0.3	22	0.2	44	0.6
6	1	0.0	1	0.0	4	0.0	31	0.4	13	0.1	51	0.7
7	2	0.0	2	0.0	9	0.1	26	0.3	24	0.3	61	1.0
8	10	0.1	12	0.1	24	0.3	39	0.5	45	0.6	86	1.9
9	2	0.0	3	0.0	15	0.2	48	0.6	32	0.4	86	2.0
10	20	0.2	27	0.3	36	0.4	79	1.6	59	0.9	99	4.7
11	7	0.1	8	0.1	18	0.2	22	0.2	37	0.5	96	3.3
12	28	0.3	40	0.5	43	0.6	58	0.9	66	1.1	96	3.2
13	17	0.2	22	0.3	30	0.4	47	0.6	45	0.6	76	1.4
14	9	0.1	21	0.2	19	0.2	39	0.5	28	0.3	63	1.0
15	n	0.0	1	0.0	2	0.0	5	0.1	3	0.0	7	0.1
16	35	0.4	63	1.0	47	0.6	76	1.4	54	0.8	80	1.6
17	23	0.3	50	0.7	32	0.4	62	1.0	40	0.5	69	1.2
18	6	0.1	16	0.2	11	0.1	33	0.4	17	0.2	38	0.5
19	61	1.0	91	2.4	79	1.6	97	3.4	86	2.0	98	3.9
20	32	0.4	41	0.5	58	0.9	73	1.3	67	1.1	81	1.6
21	14	0.2	15	0.2	23	0.3	24	0.3	31	0.4	33	0.4
22	14	0.1	14	0.1	16	0.2	17	0.2	23	0.3	24	0.3
23	19	0.2	19	0.2	22	0.3	22	0.3	31	0.4	31	0.4
24	13	0.1	13	0.1	21	0.2	22	0.2	29	0.3	29	0.3
25	1	0.0	1	0.0	2	0.0	2	0.0	3	0.0	5	0.1
26	n	0.0	n	0.0	1	0.0	1	0.0	2	0.0	2	0.0
27	1	0.0	1	0.0	1	0.0	1	0.0	1	0.0	1	0.0
28	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	1	0.0
29	3	0.0	3	0.0	3	0.0	3	0.0	3	0.0	3	0.0
37	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	1	0.0
39	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	1	0.0
40	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	1	0.0
41	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	1	0.0
42	1	0.0	1	0.0	1	0.0	1	0.0	1	0.0	1	0.0
43	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 11. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Western Gulf volume scenario number 1.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----		
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT
	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean
Land	49 0.7	98 4.0	++ 5.9	80 1.6	++ 6.9	++ 14.4	96 3.1	++ 10.2	++ 36.5
Coastal Inlet Areas	11 0.1	75 1.4	92 2.6	30 0.4	92 2.6	++ 6.7	52 0.7	97 3.5	++ 16.0
Sea Grass Beds	n 0.0	1 0.0	15 0.2	n 0.0	2 0.0	27 0.3	n 0.0	4 0.0	40 0.5
Flower Garden Banks	5 0.1	6 0.1	11 0.1	10 0.1	12 0.1	60 0.9	19 0.2	30 0.4	94 2.8
Env. Preser. Areas	n 0.0	13 0.1	29 0.3	n 0.0	32 0.4	57 0.8	n 0.0	39 0.5	85 1.9
TX Beaches	31 0.4	37 0.5	61 0.9	53 0.8	61 0.9	89 2.2	71 1.2	80 1.6	++ 5.5
LA Beaches	n 0.0	7 0.1	9 0.1	n 0.0	15 0.2	20 0.2	1 0.0	20 0.2	49 0.7
MI Beaches	n 0.0	n 0.0	7 0.1	n 0.0	1 0.0	19 0.2	n 0.0	3 0.0	34 0.4
AL Beaches	n 0.0	n 0.0	4 0.0	n 0.0	1 0.0	13 0.1	n 0.0	1 0.0	40 0.5
FL Beaches	n 0.0	n 0.0	1 0.0	n 0.0	n 0.0	1 0.0	n 0.0	n 0.0	16 0.2
Gulf Beaches	31 0.4	42 0.5	68 1.2	53 0.8	67 1.1	94 2.8	71 1.2	85 1.9	++ 7.3
Hist./Preh. Sites	36 0.4	65 1.0	77 1.5	54 0.8	83 1.8	98 3.8	71 1.2	94 2.8	++ 10.2
Brown Pelicans	28 0.3	52 0.7	63 1.0	60 0.9	84 1.8	95 3.0	83 1.8	95 2.9	++ 8.5
MI Sandhill Cranes	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0
Whooping Cranes	n 0.0	n 0.0	3 0.0	2 0.0	3 0.0	13 0.1	8 0.1	9 0.1	31 0.4
Sea Turtles	4 0.0	15 0.2	16 0.2	10 0.1	36 0.5	41 0.5	17 0.2	43 0.6	79 1.5
Manatee Hab.	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0
Dry Tortugas	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	4 0.0
Florida Keys	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0
Straits of Florida	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0
Atchafalaya Riv. B.	n 0.0	6 0.1	6 0.1	1 0.0	14 0.1	14 0.1	1 0.0	16 0.2	28 0.3
Everglades Nat. Pk.	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0
Gulf Segment 1	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	1 0.0	1 0.0	1 0.0
Gulf Segment 2	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	1 0.0	1 0.0	15 0.2
Gulf Segment 3	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	38 0.5
Gulf Segment 4	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	2 0.0	n 0.0	n 0.0	23 0.3
Gulf Segment 5	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	39 0.5
Gulf Segment 6	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	n 0.0	58 0.9

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent.

Table 12. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Western Gulf volume scenario number 1.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	6	0.1	6	0.1	12	0.1	12	0.1	17	0.2	17	0.2
2	n	0.0	n	0.0	2	0.0	3	0.0	5	0.1	5	0.1
3	1	0.0	1	0.0	8	0.1	11	0.1	19	0.2	19	0.2
4	2	0.0	2	0.0	9	0.1	14	0.2	17	0.2	18	0.2
5	8	0.1	9	0.1	15	0.2	28	0.3	22	0.2	23	0.3
6	1	0.0	1	0.0	4	0.0	31	0.4	13	0.1	14	0.1
7	2	0.0	2	0.0	9	0.1	26	0.3	24	0.3	26	0.3
8	10	0.1	13	0.1	24	0.3	39	0.5	42	0.5	49	0.7
9	2	0.0	3	0.0	13	0.1	47	0.6	25	0.3	34	0.4
10	18	0.2	25	0.3	31	0.4	77	1.5	43	0.6	60	0.9
11	5	0.1	7	0.1	8	0.1	12	0.1	14	0.1	31	0.4
12	3	0.0	19	0.2	3	0.0	29	0.3	11	0.1	62	1.0
13	n	0.0	6	0.1	n	0.0	24	0.3	2	0.0	44	0.6
14	n	0.0	13	0.1	1	0.0	26	0.3	1	0.0	33	0.4
15	2	0.0	1	0.0	n	0.0	3	0.0	n	0.0	4	0.0
16	2	0.0	45	0.6	3	0.0	56	0.8	3	0.0	59	0.9
17	n	0.0	35	0.4	n	0.0	45	0.6	n	0.0	47	0.6
18	n	0.0	11	0.1	n	0.0	25	0.3	n	0.0	25	0.3
19	n	0.0	77	1.5	n	0.0	84	1.8	n	0.0	85	1.9
20	n	0.0	14	0.1	n	0.0	36	0.4	n	0.0	40	0.5
21	n	0.0	1	0.0	n	0.0	2	0.0	n	0.0	4	0.0
22	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	1	0.0
23	n	0.0	n	0.0	n	0.0	4	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
26	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
27	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 13. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Central Gulf volume scenario number 1.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----							
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT					
	Prob	Mean	Prob Mean	Prob	Mean	Prob Mean	Prob	Mean	Prob Mean					
Land	91	2.4	**	5.8	**	7.7	99	4.3	**	6.6	**	13.7	**	40.0
Coastal Inlet Areas	55	0.8	87	2.1	96	3.3	81	1.6	**	2.5	92	5.2	**	17.7
Sea Grass Beds	5	0.1	6	0.1	20	0.2	9	0.1	11	0.1	13	0.1	17	0.2
Flower Garden Banks	1	0.0	2	0.0	7	0.1	4	0.0	6	0.1	14	0.1	25	0.3
Env. Preser. Areas	20	0.2	31	0.4	44	0.6	39	0.5	59	0.9	51	0.7	70	1.2
TX Beaches	3	0.0	12	0.1	45	0.6	9	0.1	24	0.3	27	0.3	50	0.7
LA Beaches	4	0.0	10	0.1	12	0.1	7	0.1	21	0.2	13	0.1	30	0.4
MI Beaches	4	0.0	4	0.0	10	0.1	7	0.1	9	0.1	13	0.1	15	0.2
AL Beaches	1	0.0	1	0.0	5	0.0	2	0.0	3	0.0	6	0.1	7	0.1
FL Beaches	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Beaches	11	0.1	25	0.3	59	0.9	24	0.3	47	0.6	48	0.6	72	1.3
Hist./Preh. Sites	33	0.4	64	1.0	76	1.4	51	0.7	82	1.7	73	1.3	94	2.8
Brown Pelicans	27	0.3	51	0.7	62	1.0	50	0.7	80	1.6	64	1.0	89	2.2
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0	n	0.0	1	0.0
Sea Turtles	14	0.2	24	0.3	25	0.3	31	0.4	51	0.7	39	0.5	58	0.9
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	4	0.0	10	0.1	10	0.1	9	0.1	21	0.2	13	0.1	26	0.3
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table 14. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Central Gulf volume scenario number 1.

Land Segment	Within 3 days				Within 10 days				Within 30 days			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	3	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	3	0.0
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	18	0.2
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	18	0.2
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	29	0.3
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	44	0.6
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	50	0.7
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	75	1.4
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	81	1.7
10	3	0.0	11	0.1	30	0.4	7	0.1	20	0.2	98	4.1
11	2	0.0	3	0.0	37	0.5	10	0.1	27	0.3	96	3.2
12	26	0.3	38	0.5	52	0.7	41	0.5	62	1.0	84	1.8
13	17	0.2	22	0.3	22	0.3	30	0.4	43	0.6	67	1.1
14	9	0.1	21	0.2	21	0.2	18	0.2	27	0.3	50	0.7
15	n	0.0	1	0.0	1	0.0	2	0.0	3	0.0	6	0.1
16	33	0.4	62	1.0	62	1.0	45	0.6	75	1.4	87	2.1
17	23	0.3	50	0.7	61	0.9	31	0.4	62	1.0	92	2.5
18	6	0.1	16	0.2	17	0.2	11	0.1	33	0.4	36	0.5
19	53	0.7	89	2.2	89	2.2	70	1.2	95	3.0	97	3.4
20	17	0.2	28	0.3	29	0.3	39	0.5	61	0.9	66	1.1
21	10	0.1	11	0.1	30	0.4	14	0.1	16	0.2	45	0.6
22	1	0.0	1	0.0	4	0.0	2	0.0	3	0.0	14	0.1
23	n	0.0	n	0.0	1	0.0	n	0.0	1	0.0	4	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
26	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
27	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 15. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Eastern Gulf volume scenario number 1.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----												
	PROPOSED	PROPOSED AND EXISTING	PROB MEAN	PROPOSED	PROPOSED AND EXISTING	PROB MEAN	PROPOSED	PROPOSED AND EXISTING	PROB MEAN										
	Prob	Mean	Prob	Prob	Mean	Prob	Prob	Mean	Prob										
Land	64	1.0	99	4.4	**	6.3	81	1.6	**	7.0	**	14.5	90	2.3	**	9.4	**	35.7	
Coastal Inlet Areas	45	0.6	84	1.9	95	3.1	60	0.9	96	3.1	**	7.3	73	1.3	**	98	4.1	**	16.5
Sea Grass Beds	5	0.1	5	0.1	19	0.2	11	0.1	12	0.1	34	0.4	14	0.2	17	0.2	49	0.7	
Flower Garden Banks	n	0.0	1	0.0	6	0.1	n	0.0	2	0.0	55	0.8	n	0.0	13	0.1	93	2.6	
Env. Preser. Areas	30	0.4	39	0.5	50	0.7	43	0.6	61	1.0	75	1.4	55	0.8	73	1.3	93	2.7	
TX Beaches	n	0.0	9	0.1	44	0.6	n	0.0	16	0.2	76	1.4	n	0.0	32	0.4	99	4.3	
LA Beaches	n	0.0	7	0.1	9	0.1	n	0.0	15	0.2	20	0.2	1	0.0	21	0.2	49	0.7	
MI Beaches	2	0.0	3	0.0	9	0.1	8	0.1	9	0.1	26	0.3	10	0.1	13	0.1	40	0.5	
AL Beaches	24	0.3	24	0.3	27	0.3	28	0.3	28	0.3	37	0.5	38	0.5	38	0.5	63	1.0	
FL Beaches	14	0.2	14	0.2	15	0.2	23	0.3	23	0.3	24	0.3	36	0.4	36	0.4	46	0.6	
Gulf Beaches	36	0.4	46	0.6	71	1.2	49	0.7	64	1.0	93	2.7	64	1.0	81	1.7	**	7.1	
Hist./Preh. Sites	21	0.2	57	0.8	72	1.3	30	0.4	74	1.4	97	3.4	42	0.5	87	2.0	**	9.4	
Brown Pelicans	24	0.3	49	0.7	61	0.9	37	0.5	75	1.4	92	2.6	44	0.6	82	1.7	**	7.2	
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	
Whooping Cranes	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0	10	0.1	n	0.0	1	0.0	25	0.3	
Sea Turtles	16	0.2	26	0.3	26	0.3	23	0.3	46	0.6	50	0.7	29	0.3	51	0.7	82	1.7	
Manatee Hab.	5	0.1	5	0.1	5	0.1	6	0.1	6	0.1	6	0.1	6	0.1	7	0.1	7	0.1	
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	6	0.1	6	0.1	10	0.1	
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	n	0.0	13	0.1	13	0.1	n	0.0	15	0.2	28	0.3	
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	14	0.2	
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	38	0.5	
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0	23	0.3	
Gulf Segment 5	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0	1	0.0	6	0.1	6	0.1	43	0.6	
Gulf Segment 6	n	0.0	n	0.0	n	0.0	2	0.0	2	0.0	2	0.0	10	0.1	11	0.1	62	1.0	

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table 16. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Eastern Gulf volume scenario number 1.

Land Segment	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----		
	PROPOSED AND EXISTING		Prob Mean	PROPOSED AND EXISTING		Prob Mean	PROPOSED AND EXISTING		Prob Mean
	PROPOSED	EXISTING		PROPOSED	EXISTING		PROPOSED	EXISTING	
1	n	0.0	n	0.0	n	0.0	n	0.0	3
2	n	0.0	n	0.0	n	0.0	n	0.0	3
3	n	0.0	n	0.0	n	0.0	n	0.0	18
4	n	0.0	n	0.0	n	0.0	n	0.0	18
5	n	0.0	n	0.0	n	0.0	n	0.0	29
6	n	0.0	n	0.0	n	0.0	n	0.0	43
7	n	0.0	n	0.0	n	0.0	n	0.0	49
8	n	0.0	n	0.0	n	0.0	n	0.0	74
9	n	0.0	n	0.0	n	0.0	n	0.0	80
10	n	0.0	n	0.0	n	0.0	n	0.0	98
11	n	0.0	n	0.0	n	0.0	n	0.0	94
12	n	0.0	n	0.0	n	0.0	n	0.0	88
13	n	0.0	n	0.0	n	0.0	n	0.0	56
14	n	0.0	n	0.0	n	0.0	n	0.0	49
15	n	0.0	n	0.0	n	0.0	n	0.0	9
16	n	0.0	n	0.0	n	0.0	n	0.0	98
17	n	0.0	n	0.0	n	0.0	n	0.0	99
18	n	0.0	n	0.0	n	0.0	n	0.0	63
19	n	0.2	n	0.4	n	0.5	n	0.5	44
20	n	0.2	n	0.3	n	0.5	n	0.5	86
21	n	0.0	n	0.1	n	0.1	n	0.1	57
22	n	0.1	n	0.2	n	0.2	n	0.2	40
23	n	0.2	n	0.2	n	0.3	n	0.3	44
24	n	0.1	n	0.1	n	0.2	n	0.2	36
25	n	0.0	n	0.0	n	0.0	n	0.0	5
26	n	0.0	n	0.0	n	0.0	n	0.0	2
27	n	0.0	n	0.0	n	0.0	n	0.0	2
28	n	0.0	n	0.0	n	0.0	n	0.0	1
29	n	0.0	n	0.0	n	0.0	n	0.0	3
37	n	0.0	n	0.0	n	0.0	n	0.0	3
39	n	0.0	n	0.0	n	0.0	n	0.0	1
40	n	0.0	n	0.0	n	0.0	n	0.0	1
41	n	0.0	n	0.0	n	0.0	n	0.0	1
42	n	0.0	n	0.0	n	0.0	n	0.0	1
43	n	0.0	n	0.0	n	0.0	n	0.0	1

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 17. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Gulf-wide volume scenario number 2.

Target	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING & IMPORT		PROPOSED AND EXISTING		PROPOSED AND EXISTING & IMPORT	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
Land	26	0.3	97	3.6	99	4.5	36	0.4	91	5.8	99	9.1
Coastal Inlet Areas	11	0.1	75	1.4	85	1.9	17	0.2	91	2.4	99	4.3
Sea Grass Beds	1	0.0	2	0.0	8	0.1	2	0.0	4	0.0	15	0.2
Flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	2	0.0	31	0.4
Env. Preser. Areas	5	0.0	17	0.2	24	0.3	7	0.1	37	0.5	48	0.7
TX Beaches	2	0.0	10	0.1	28	0.3	3	0.0	19	0.2	54	0.8
LA Beaches	1	0.0	7	0.1	8	0.1	1	0.0	16	0.2	18	0.2
MI Beaches	1	0.0	1	0.0	4	0.0	1	0.0	3	0.0	11	0.1
AL Beaches	3	0.0	3	0.0	5	0.1	4	0.0	4	0.0	10	0.1
FL Beaches	2	0.0	2	0.0	2	0.0	4	0.0	4	0.0	4	0.0
Gulf Beaches	8	0.1	23	0.3	41	0.5	12	0.1	39	0.5	71	1.2
Hist./Preh. Sites	6	0.1	49	0.7	58	0.9	9	0.1	66	1.1	86	2.0
Brown Pelicans	6	0.1	37	0.5	44	0.6	11	0.1	64	1.0	79	1.6
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	5	0.1
Sea Turtles	2	0.0	14	0.2	14	0.2	4	0.0	32	0.4	34	0.4
Manatee Hab.	1	0.0	1	0.0	1	0.0	1	0.0	2	0.0	2	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	n	0.0	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table 18. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Gulf-wide volume scenario number 2.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
10	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
11	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
12	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
13	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
14	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
15	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
16	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
17	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
18	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
19	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
20	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
21	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
22	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 19. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Western Gulf volume scenario number 2.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----		
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob
Land	4	0.0	97	3.4	99	4.2	7	0.1	7.2
Coastal Inlet Areas	1	0.0	72	1.3	84	1.8	2	0.0	94
Sea Grass Beds	n	0.0	1	0.0	7	0.1	n	0.0	4
flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	13
Env. Preser. Areas	n	0.0	13	0.1	21	0.2	n	0.0	39
TX Beaches	2	0.0	10	0.1	28	0.3	3	0.0	34
LA Beaches	n	0.0	7	0.1	8	0.1	n	0.0	19
MI Beaches	n	0.0	n	0.0	3	0.0	n	0.0	3
AL Beaches	n	0.0	n	0.0	2	0.0	n	0.0	1
FL Beaches	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Beaches	2	0.0	17	0.2	37	0.5	3	0.0	49
Hist./preh. Sites	2	0.0	47	0.6	56	0.8	3	0.0	78
Brown Pelicans	1	0.0	34	0.4	41	0.5	4	0.0	69
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n
Whooping Cranes	n	0.0	n	0.0	1	0.0	n	0.0	1
Sea Turtles	n	0.0	12	0.1	12	0.1	n	0.0	31
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n
Atchafalaya Riv. H.	n	0.0	6	0.1	6	0.1	n	0.0	15
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table 20. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Western Gulf volume scenario number 2.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
10	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
11	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
12	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
13	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
14	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
15	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
16	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
17	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
18	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
19	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
20	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
21	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
22	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 21. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Central Gulf volume scenario number 2.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----											
	PROPOSED	PROPOSED AND EXISTING	PROB Mean	PROPOSED	PROPOSED AND EXISTING	PROB Mean	PROPOSED	PROPOSED AND EXISTING	PROB Mean	PROPOSED	PROPOSED AND EXISTING	PROB Mean						
Land	14	0.1	97	3.5	99	4.3	18	0.2	90	5.5	98	4.1	20	0.2	94	2.8	99	4.3
Coastal Inlet Areas	4	0.0	73	1.3	84	1.8	6	0.1	90	2.3	98	4.1	7	0.1	94	2.8	99	4.3
Sea Grass Beds	1	0.0	1	0.0	8	0.1	1	0.0	3	0.0	15	0.2	1	0.0	4	0.0	23	0.3
Flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	2	0.0	31	0.4	n	0.0	14	0.1	71	1.3
Env. Preser. Areas	1	0.0	14	0.1	22	0.2	2	0.0	33	0.4	45	0.6	2	0.0	40	0.5	68	1.1
TX Beaches	n	0.0	9	0.1	27	0.3	n	0.0	16	0.2	52	0.7	n	0.0	32	0.4	88	2.1
LA Beaches	1	0.0	7	0.1	8	0.1	1	0.0	16	0.2	18	0.2	1	0.0	20	0.2	35	0.4
MI Beaches	1	0.0	1	0.0	4	0.0	1	0.0	2	0.0	11	0.1	1	0.0	3	0.0	19	0.2
AL Beaches	n	0.0	1	0.0	2	0.0	n	0.0	1	0.0	7	0.1	n	0.0	1	0.0	21	0.2
FL Beaches	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	8	0.1
Gulf Beaches	1	0.0	17	0.2	37	0.5	2	0.0	32	0.4	68	1.1	2	0.0	48	0.7	95	3.1
Hist./Preh. Sites	1	0.0	46	0.6	56	0.8	2	0.0	64	1.0	85	1.9	3	0.0	78	1.5	99	4.9
Brown Pelicans	2	0.0	34	0.4	42	0.5	3	0.0	61	1.0	77	1.5	4	0.0	69	1.2	97	3.7
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	5	0.1	n	0.0	1	0.0	13	0.1
Sea Turtles	n	0.0	12	0.1	12	0.1	1	0.0	30	0.4	32	0.4	1	0.0	32	0.4	56	0.8
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	n	0.0	13	0.1	13	0.1	n	0.0	15	0.2	21	0.2
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	7	0.1
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	19	0.2
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	11	0.1
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	20	0.2
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	32	0.4

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent.

Table 22. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Central Gulf volume scenario number 2.

Land Segment	Within 3 days				Within 10 days				Within 30 days			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
10	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
11	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
12	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
13	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
14	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
15	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
16	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
17	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
18	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
19	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
20	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
21	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
22	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 23. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Eastern Gulf volume scenario number 2.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----									
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT							
	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean							
Land	10	0.1	97	3.4	99	4.3	16	0.2	44	5.5	98	4.2	44	7.3	44	19.2
Coastal Inlet Areas	6	0.1	73	1.3	85	1.9	9	0.1	90	2.3	98	4.2	94	2.9	94	8.5
Sea Grass Beds	n	0.0	1	0.0	8	0.1	1	0.0	3	0.0	15	0.2	5	0.1	5	0.3
Flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	2	0.0	31	0.4	13	0.1	13	1.3
Env. Preser. Areas	4	0.0	16	0.2	24	0.3	6	0.1	36	0.4	48	0.6	44	0.6	44	1.2
TX Beaches	n	0.0	9	0.1	27	0.3	n	0.0	16	0.2	52	0.7	n	0.0	32	0.4
LA Beaches	n	0.0	7	0.1	8	0.1	n	0.0	15	0.2	17	0.2	n	0.0	20	0.2
MI Beaches	n	0.0	1	0.0	3	0.0	1	0.0	2	0.0	11	0.1	1	0.0	4	0.0
AL Beaches	3	0.0	3	0.0	5	0.0	3	0.0	4	0.0	10	0.1	4	0.0	6	0.1
FL Beaches	2	0.0	2	0.0	2	0.0	4	0.0	4	0.0	4	0.0	5	0.0	5	0.1
Gulf Beaches	5	0.1	20	0.2	39	0.5	7	0.1	36	0.4	70	1.2	10	0.1	52	0.7
Hist./Preh. Sites	3	0.0	47	0.6	56	0.8	5	0.0	65	1.0	86	2.0	6	0.1	79	1.6
Brown Pelicans	3	0.0	35	0.4	42	0.5	5	0.0	62	1.0	78	1.5	6	0.1	70	1.2
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	5	0.1	n	0.0	1	0.0
Sea Turtles	2	0.0	14	0.1	14	0.2	3	0.0	31	0.4	34	0.4	4	0.0	34	0.4
Manatee Hab.	1	0.0	1	0.0	1	0.0	1	0.0	2	0.0	2	0.0	2	0.0	2	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	n	0.0	13	0.1	13	0.1	n	0.0	15	0.2
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	1	0.1
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0

Note: n = less than 0.5 percent; 44 = greater than 99.5 percent.

Table 24. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Eastern Gulf volume scenario number 2.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
10	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
11	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
12	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
13	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
14	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
15	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
16	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
17	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
18	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
19	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
20	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
21	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
22	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 25. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Gulf-wide volume scenario number 3.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----		
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob
Land	59	0.9	99	4.2	99	5.1	83	1.8	8.9
Coastal Inlet Areas	31	0.4	80	1.6	89	2.2	54	0.8	9.1
Sea Grass Beds	2	0.0	3	0.0	9	0.1	6	0.1	9
Flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	14
Env. Preser. Areas	14	0.1	25	0.3	32	0.4	28	0.3	56
TX Beaches	6	0.1	14	0.2	31	0.4	13	0.1	40
LA Beaches	1	0.0	8	0.1	9	0.1	3	0.0	22
MI Beaches	1	0.0	2	0.0	5	0.0	5	0.0	7
AL Beaches	10	0.1	10	0.1	12	0.1	16	0.2	17
FL Beaches	6	0.1	6	0.1	6	0.1	10	0.1	10
Gulf Beaches	22	0.3	35	0.4	50	0.7	33	0.4	53
Hist./Preh. Sites	17	0.2	55	0.8	63	1.0	26	0.3	73
Brown Pelicans	18	0.2	45	0.6	51	0.7	32	0.4	73
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n
Whooping Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n
Sea Turtles	9	0.1	20	0.2	20	0.2	14	0.2	39
Manatee Hab.	2	0.0	2	0.0	2	0.0	3	0.0	3
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	14	0.2	14
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent.

Table 26. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Gulf-wide volume scenario number 3.

Land Segment	Within 3 days			Within 10 days			Within 30 days		
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT
	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean	Prob Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	2
2	n	0.0	n	0.0	n	0.0	n	0.0	2
3	n	0.0	n	0.0	1	0.0	1	0.0	10
4	n	0.0	n	0.0	1	0.0	2	0.0	10
5	1	0.0	1	0.0	2	0.0	2	0.0	16
6	n	0.0	n	0.0	1	0.0	1	0.0	24
7	n	0.0	1	0.0	2	0.0	2	0.0	29
8	2	0.0	3	0.0	5	0.1	7	0.1	52
9	1	0.0	2	0.0	9	0.1	17	0.2	56
10	4	0.0	12	0.1	22	0.2	36	0.4	87
11	3	0.0	4	0.0	21	0.2	9	0.1	77
12	7	0.1	22	0.3	31	0.4	11	0.1	79
13	3	0.0	9	0.1	9	0.1	5	0.1	52
14	n	0.0	13	0.1	13	0.1	2	0.0	41
15	n	0.0	1	0.0	1	0.0	n	0.0	6
16	9	0.1	49	0.7	49	0.7	12	0.1	90
17	4	0.0	38	0.5	44	0.6	7	0.1	90
18	2	0.0	13	0.1	13	0.1	4	0.0	47
19	14	0.2	80	1.6	80	1.6	25	0.3	98
20	9	0.1	22	0.2	22	0.3	20	0.2	70
21	3	0.0	4	0.0	14	0.1	7	0.1	33
22	5	0.1	5	0.1	7	0.1	7	0.1	20
23	8	0.1	8	0.1	8	0.1	13	0.1	21
24	5	0.1	5	0.1	5	0.1	12	0.1	17
25	n	0.0	n	0.0	n	0.0	1	0.0	2
26	n	0.0	n	0.0	n	0.0	n	0.0	1
27	n	0.0	n	0.0	n	0.0	n	0.0	1
28	1	0.0	1	0.0	1	0.0	1	0.0	1
29	n	0.0	n	0.0	n	0.0	1	0.0	1

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 27. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Western Gulf volume scenario number 3.

Target	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean
Land	12	0.1	97	3.5	99	4.3	22	0.3	44	5.6	44	8.9
Coastal Inlet Areas	3	0.0	72	1.3	84	1.8	6	0.1	90	2.3	98	4.1
Sea Grass Beds	n	0.0	1	0.0	7	0.1	n	0.0	2	0.0	14	0.2
Flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	2	0.0	31	0.4
Env. Preser. Areas	n	0.0	13	0.1	21	0.2	n	0.0	32	0.4	44	0.6
TX Beaches	6	0.1	14	0.2	31	0.4	10	0.1	25	0.3	57	0.8
LA Beaches	n	0.0	7	0.1	8	0.1	n	0.0	15	0.2	17	0.2
MI Beaches	n	0.0	n	0.0	3	0.0	n	0.0	1	0.0	10	0.1
AL Beaches	n	0.0	n	0.0	2	0.0	n	0.0	1	0.0	7	0.1
FL Beaches	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0
Gulf Beaches	6	0.1	21	0.2	40	0.5	10	0.1	37	0.5	70	1.2
Hist./Preh. Sites	7	0.1	49	0.7	58	0.9	10	0.1	67	1.1	87	2.0
Brown Pelicans	4	0.0	36	0.4	43	0.6	11	0.1	64	1.0	79	1.6
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	1	0.0	n	0.0	1	0.0	5	0.1
Sea Turtles	n	0.0	12	0.1	12	0.1	n	0.0	29	0.3	32	0.4
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	n	0.0	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent.

Table 28. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Western Gulf volume scenario number 3.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
3	n	0.0	n	0.0	1	0.0	2	0.0	1	0.0	10	0.1
4	n	0.0	n	0.0	1	0.0	4	0.0	2	0.0	10	0.1
5	1	0.0	5	0.0	2	0.0	9	0.1	3	0.0	16	0.2
6	n	0.0	7	0.1	1	0.0	14	0.2	2	0.0	24	0.3
7	n	0.0	1	0.0	2	0.0	11	0.1	6	0.1	29	0.3
8	2	0.0	4	0.0	5	0.1	15	0.2	17	0.2	52	0.7
9	1	0.0	2	0.0	2	0.0	8	0.1	3	0.0	15	0.2
10	4	0.0	12	0.1	7	0.1	20	0.2	7	0.1	35	0.4
11	2	0.0	4	0.0	3	0.0	8	0.1	3	0.0	23	0.3
12	1	0.0	18	0.2	1	0.0	27	0.3	1	0.0	58	0.9
13	n	0.0	6	0.1	n	0.0	24	0.3	n	0.0	42	0.6
14	n	0.0	13	0.1	n	0.0	25	0.3	n	0.0	32	0.4
15	n	0.0	1	0.0	n	0.0	3	0.0	n	0.0	3	0.0
16	n	0.0	44	0.6	n	0.0	55	0.8	n	0.0	57	0.8
17	n	0.0	35	0.4	n	0.0	45	0.6	n	0.0	47	0.6
18	n	0.0	11	0.1	n	0.0	25	0.3	n	0.0	25	0.3
19	n	0.0	77	1.5	n	0.0	84	1.8	n	0.0	85	1.9
20	n	0.0	14	0.1	n	0.0	36	0.4	n	0.0	40	0.5
21	n	0.0	1	0.0	n	0.0	2	0.0	n	0.0	4	0.0
22	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	1	0.0
23	n	0.0	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 29. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Central Gulf volume scenario number 3.

Target	----- Within 3 days -----			----- Within 10 days -----			----- Within 30 days -----							
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT					
	Prob	Mean	Prob Mean	Prob	Mean	Prob Mean	Prob	Mean	Prob Mean					
Land	32	0.4	98	3.7	99	4.6	43	0.6	49	0.7	44	7.8	44	19.6
Coastal Inlet Areas	11	0.1	75	1.4	85	1.9	19	0.2	21	0.2	95	3.0	44	8.6
Sea Grass Beds	1	0.0	1	0.0	8	0.1	1	0.0	1	0.0	5	0.1	23	0.3
Flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	n	0.0	14	0.1	72	1.3
Env. Preser. Areas	3	0.0	15	0.2	23	0.3	5	0.1	36	0.4	47	0.6	69	1.2
TX Beaches	n	0.0	9	0.1	27	0.3	1	0.0	17	0.2	53	0.7	88	2.2
LA Beaches	1	0.0	8	0.1	9	0.1	2	0.0	17	0.2	19	0.2	36	0.4
MI Beaches	1	0.0	1	0.0	4	0.0	1	0.0	2	0.0	11	0.1	19	0.2
AL Beaches	n	0.0	1	0.0	2	0.0	n	0.0	1	0.0	7	0.1	21	0.2
FL Beaches	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	8	0.1
Gulf Beaches	2	0.0	18	0.2	37	0.5	4	0.0	33	0.4	68	1.2	96	3.1
Hist./Preh. Sites	3	0.0	47	0.6	56	0.8	6	0.1	65	1.1	86	2.0	99	4.9
Brown Pelicans	5	0.1	37	0.5	44	0.6	9	0.1	64	1.0	79	1.5	98	3.7
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	5	0.1	13	0.1
Sea Turtles	2	0.0	13	0.1	14	0.1	4	0.0	32	0.4	34	0.4	58	0.9
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	1	0.0	14	0.2	14	0.2	22	0.2
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	7	0.1
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	19	0.2
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	11	0.1
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	20	0.2
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	32	0.4

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table 30. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Central Gulf volume scenario number 3.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	9	0.1
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	9	0.1
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	15	0.2
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	23	0.3
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	28	0.3
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	49	0.7
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	54	0.8
10	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	86	1.9
11	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	76	1.4
12	6	0.1	22	0.2	30	0.4	45	0.6	61	1.0	78	1.5
13	3	0.0	9	0.1	13	0.1	27	0.3	45	0.6	52	0.7
14	n	0.0	13	0.1	27	0.3	27	0.3	33	0.4	41	0.5
15	n	0.0	1	0.0	3	0.0	3	0.0	4	0.0	6	0.1
16	9	0.1	49	0.7	49	0.7	70	1.2	62	1.0	90	2.3
17	4	0.0	38	0.5	44	0.6	74	1.4	51	0.7	90	2.3
18	2	0.0	13	0.1	13	0.1	29	0.3	23	0.3	47	0.6
19	8	0.1	79	1.6	79	1.6	88	2.1	87	2.1	97	3.7
20	2	0.0	16	0.2	16	0.2	43	0.6	44	0.6	65	1.0
21	1	0.0	2	0.0	13	0.1	21	0.2	6	0.1	30	0.4
22	n	0.0	n	0.0	2	0.0	6	0.1	1	0.0	14	0.1
23	n	0.0	n	0.0	n	0.0	2	0.0	n	0.0	10	0.1
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	5	0.1
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 31. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, Eastern Gulf volume scenario number 3.

Target	Within 3 days				Within 10 days				Within 30 days			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
Land	32	0.4	98	3.7	99	4.6	45	0.6	55	0.8	79	19.7
Coastal Inlet Areas	20	0.2	77	1.5	87	2.0	29	0.3	37	0.5	96	8.8
Sea Grass Beds	1	0.0	2	0.0	9	0.1	3	0.0	4	0.0	8	0.3
Flower Garden Banks	n	0.0	1	0.0	3	0.0	n	0.0	n	0.0	13	0.1
Env. Preser. Areas	11	0.1	23	0.3	30	0.4	18	0.2	23	0.3	53	1.4
TX Beaches	n	0.0	9	0.1	27	0.3	n	0.0	n	0.0	32	0.4
LA Beaches	n	0.0	7	0.1	8	0.1	n	0.0	n	0.0	20	0.2
MI Beaches	1	0.0	1	0.0	4	0.0	3	0.0	4	0.0	6	0.1
AL Beaches	10	0.1	10	0.1	12	0.1	12	0.1	15	0.2	17	0.2
FL Beaches	6	0.1	6	0.1	6	0.1	10	0.1	14	0.2	14	0.2
Gulf Beaches	16	0.2	29	0.3	46	0.6	23	0.3	30	0.4	63	1.0
Hist./Preh. Sites	8	0.1	50	0.7	59	0.9	13	0.1	17	0.2	82	1.7
Brown Pelicans	10	0.1	39	0.5	46	0.6	16	0.2	19	0.2	74	1.4
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0
Sea Turtles	7	0.1	18	0.2	18	0.2	10	0.1	12	0.1	40	0.5
Manatee Hab.	2	0.0	2	0.0	2	0.0	3	0.0	3	0.0	3	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	2	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	6	0.1	6	0.1	n	0.0	n	0.0	15	0.2
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0	3	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table 32. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, Eastern Gulf volume scenario number 3.

Land Segment	----- Within 3 days -----				----- Within 10 days -----				----- Within 30 days -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
10	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
11	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
12	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
13	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
14	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
15	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
16	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
17	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
18	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
19	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
20	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
21	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
22	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
26	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
27	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
37	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
39	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Appendix A

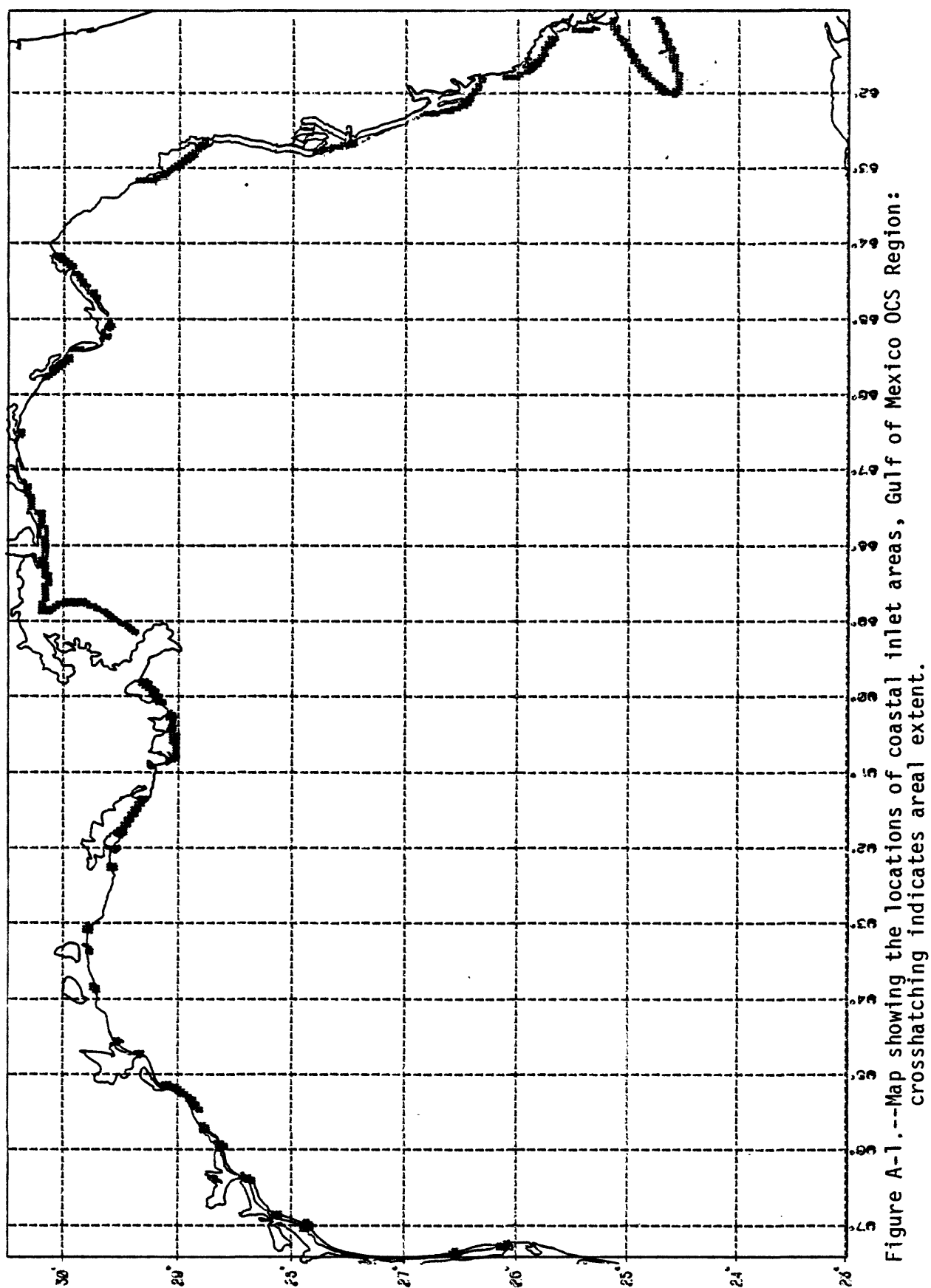


Figure A-1.--Map showing the locations of coastal inlet areas, Gulf of Mexico OCS Region: crosshatching indicates areal extent.

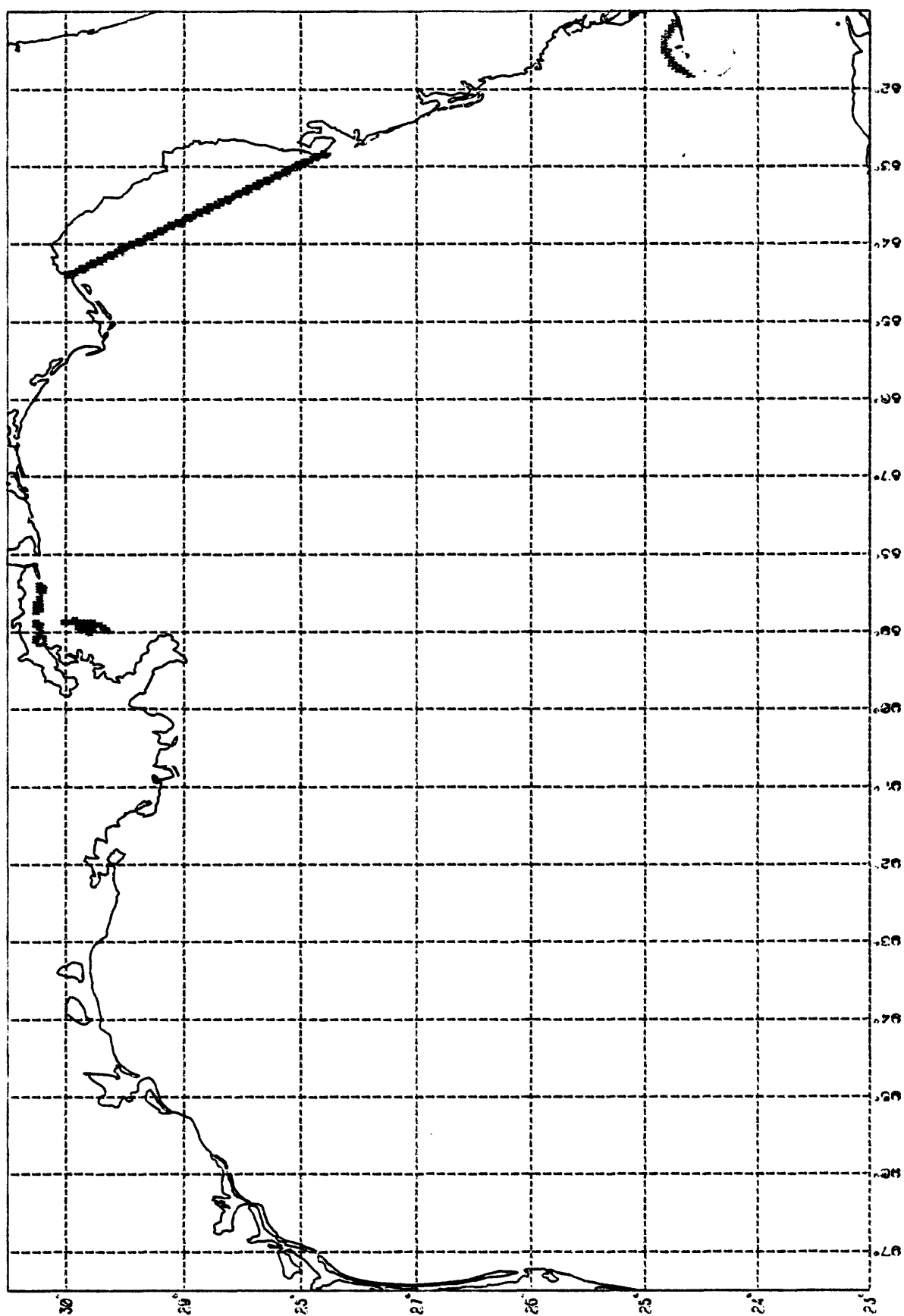


Figure A-2.--Map showing the locations of sea grass beds, Gulf of Mexico OCS Region:
crosshatching indicates areal extent.

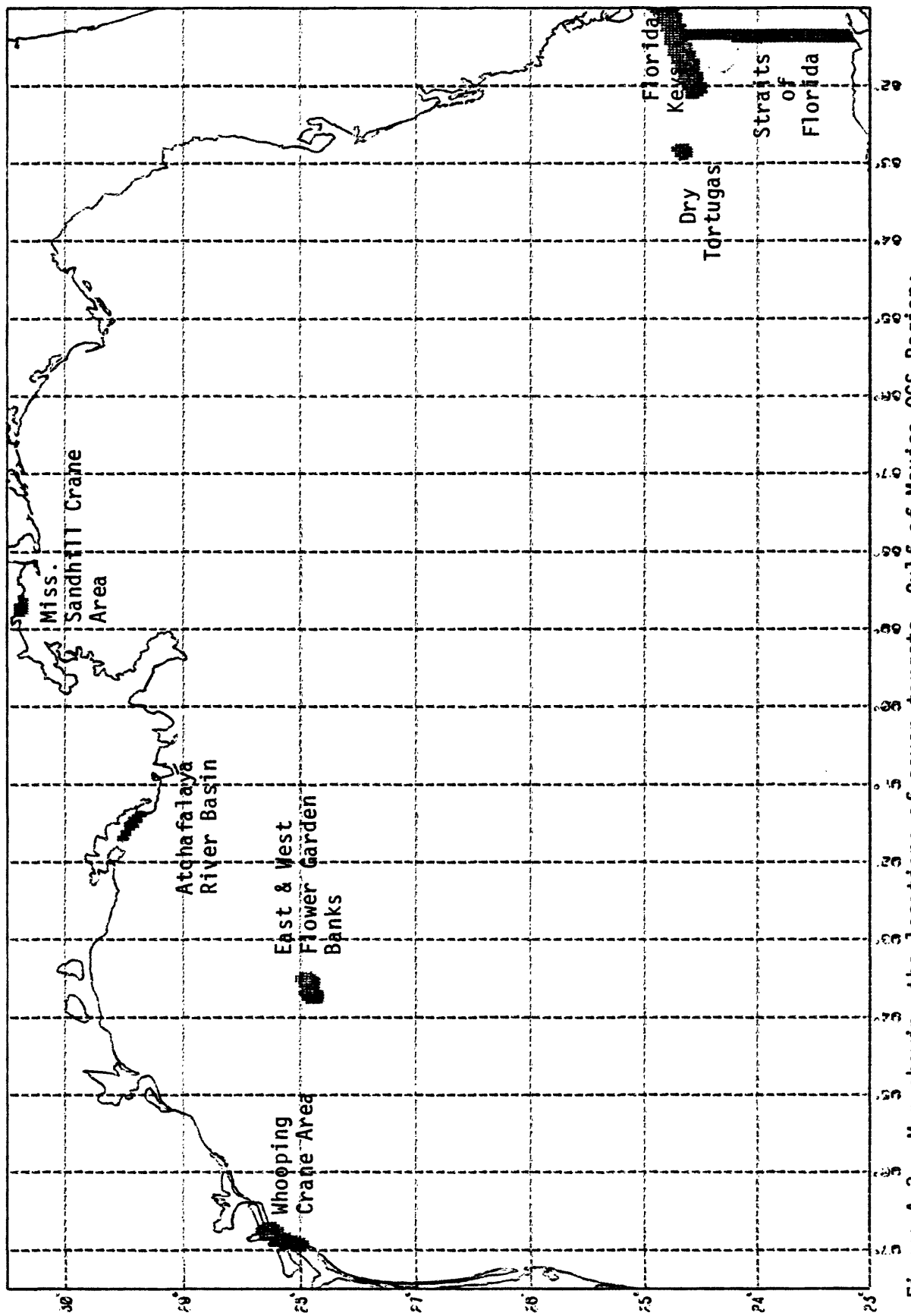


Figure A-3.--Map showing the locations of seven targets, Gulf of Mexico OCS Region: crosshatching indicates areal extent.

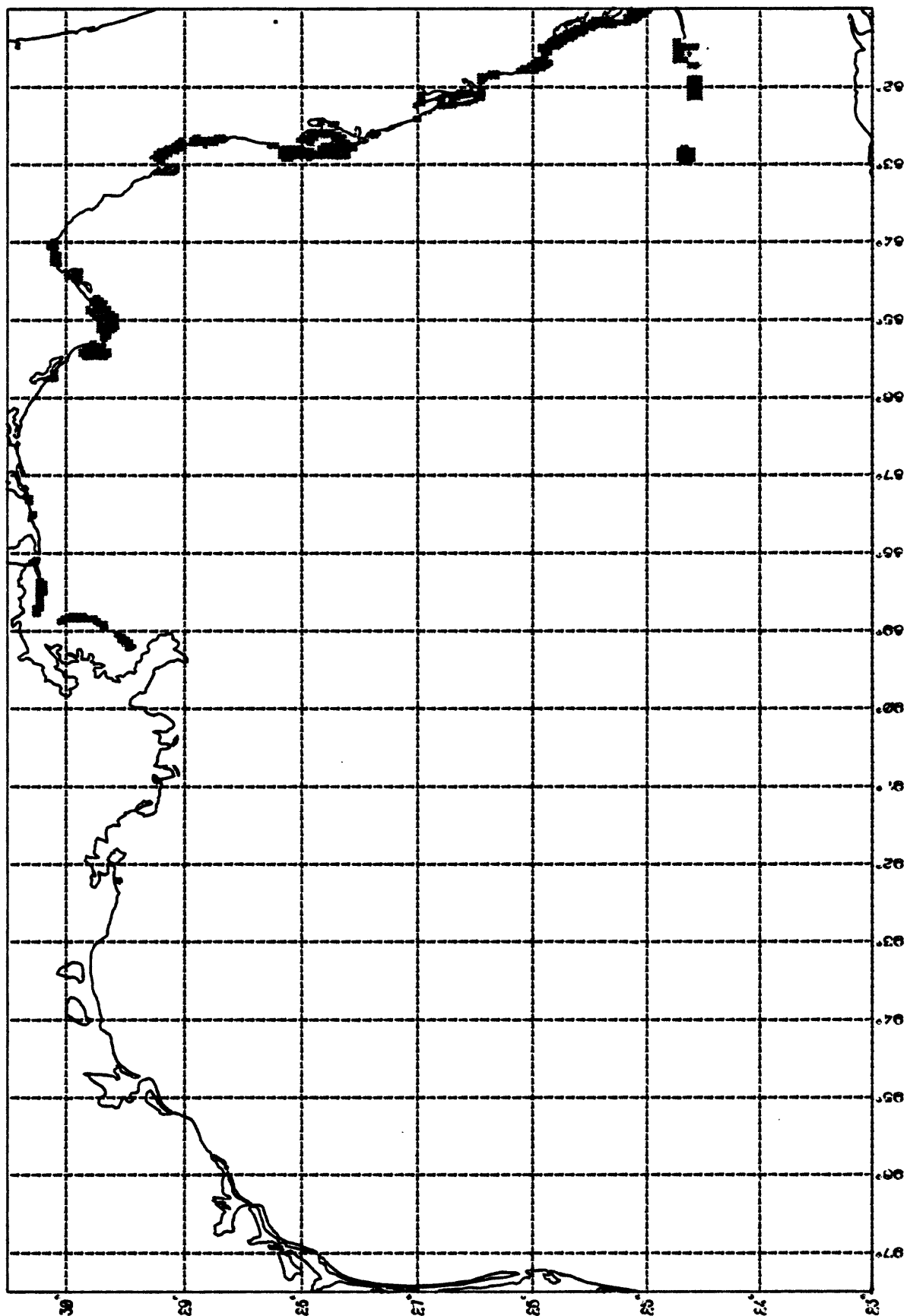


Figure A-4.--Map showing the locations of designated environmental preservation areas, Gulf of Mexico
 OCS Region: crosshatching indicates areal extent.

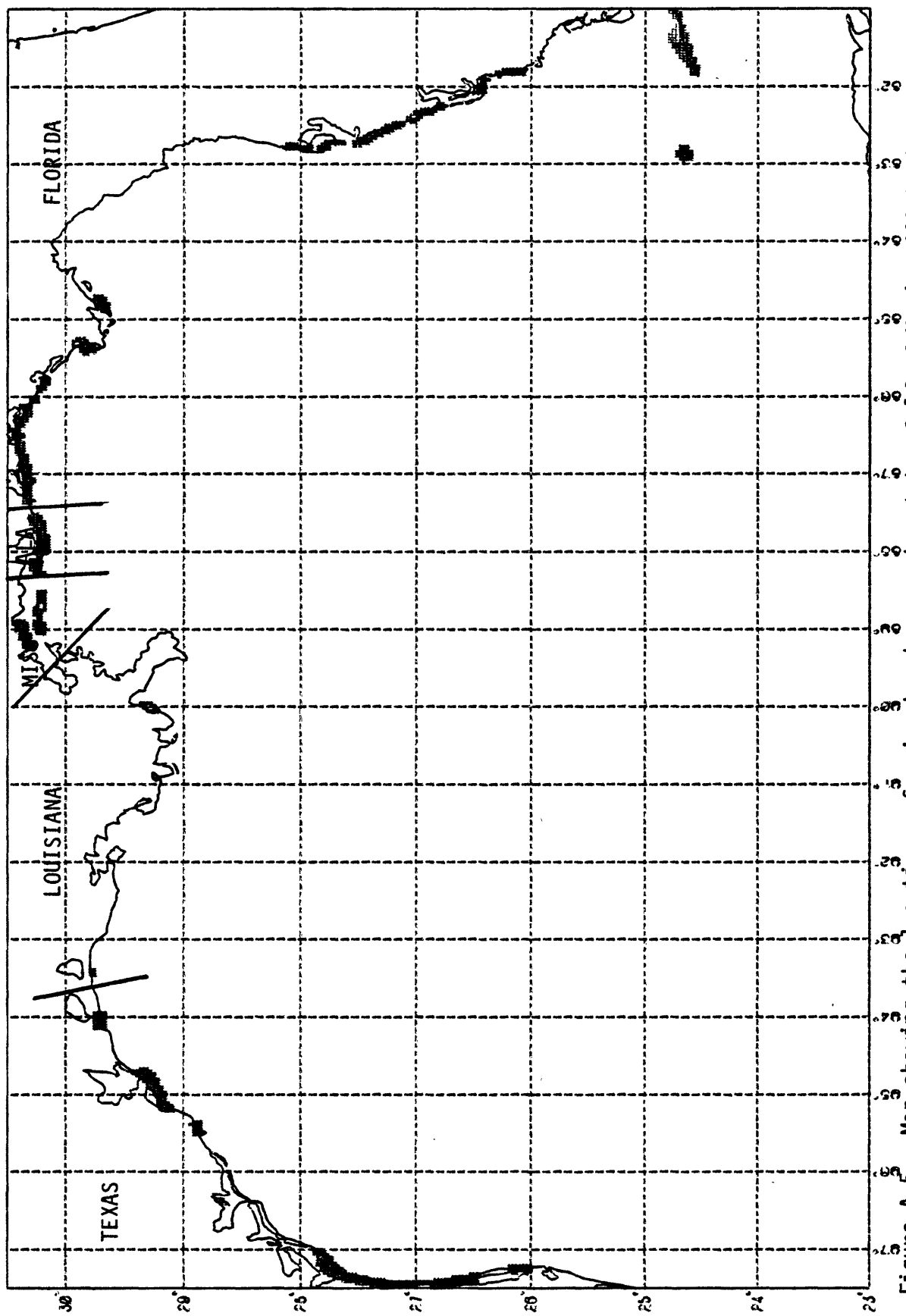


Figure A-5.--Map showing the locations of major beach areas by state, Gulf of Mexico OCS Region: crosshatching indicates area of major Gulf beaches target. Major Gulf beaches target is total of those shown.

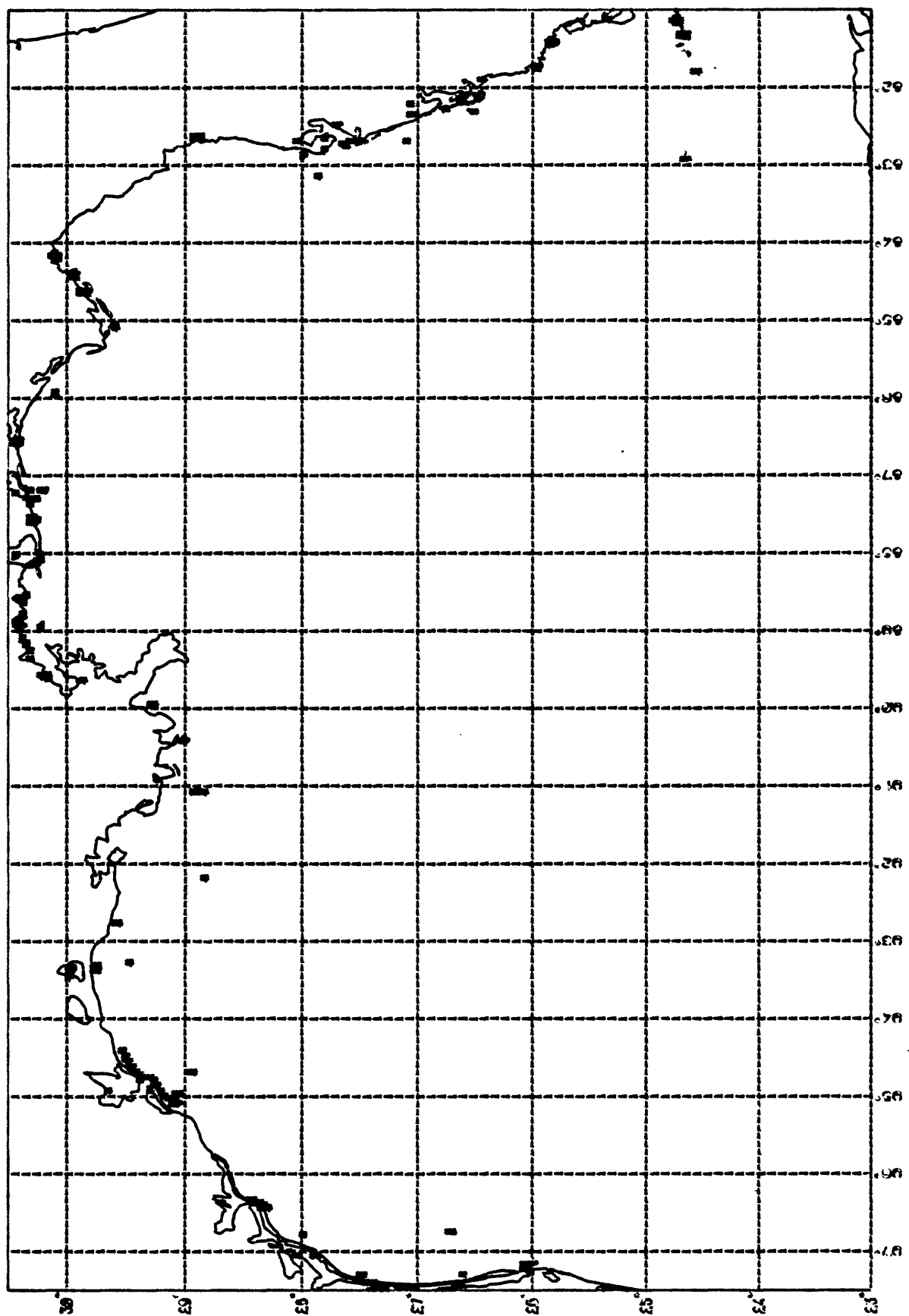


Figure A-6.--Map showing the locations of historic and prehistoric sites, Gulf of Mexico OCS Region: crosshatching indicates areal extent.

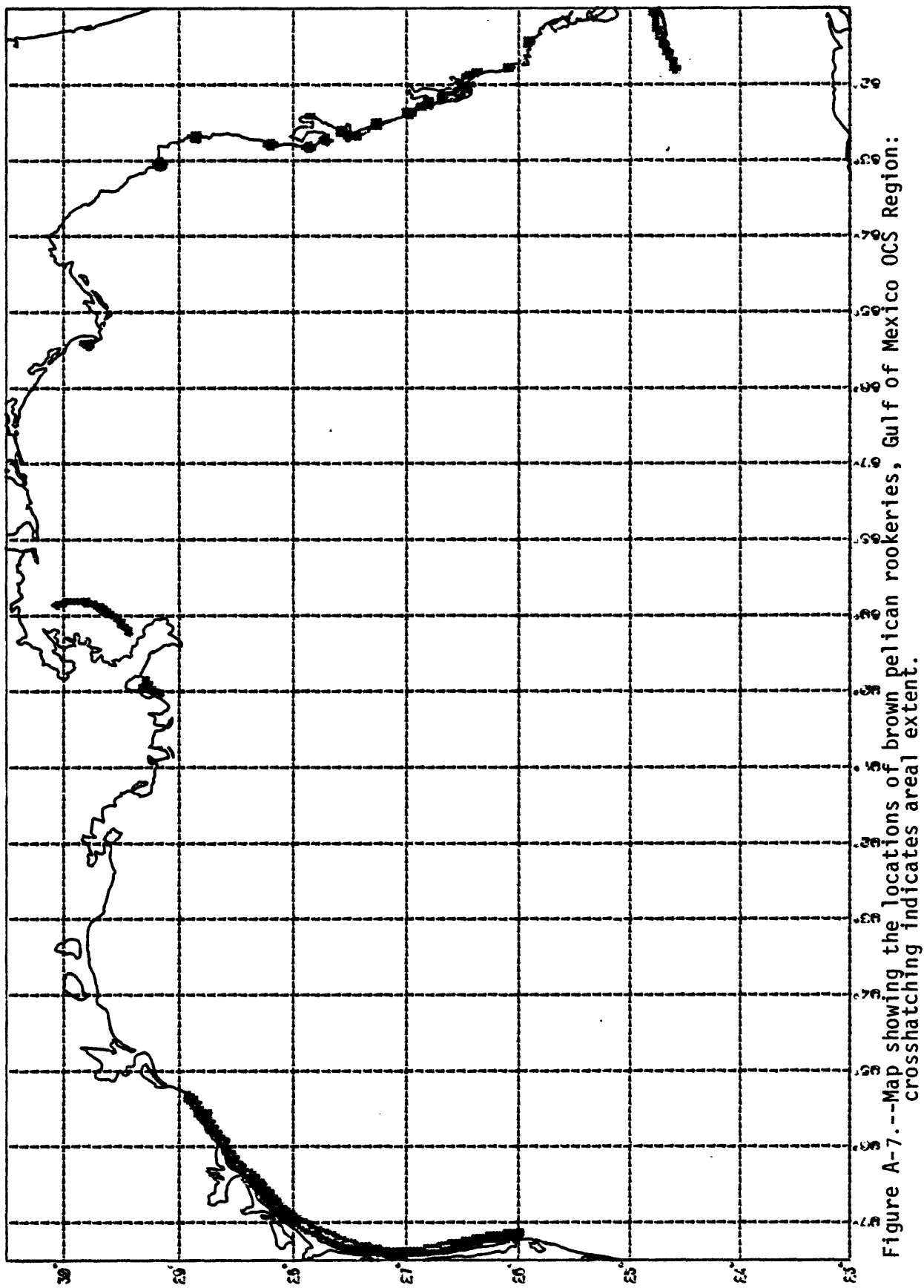


Figure A-7.--Map showing the locations of brown pelican rookeries, Gulf of Mexico OCS Region: crosshatching indicates areal extent.

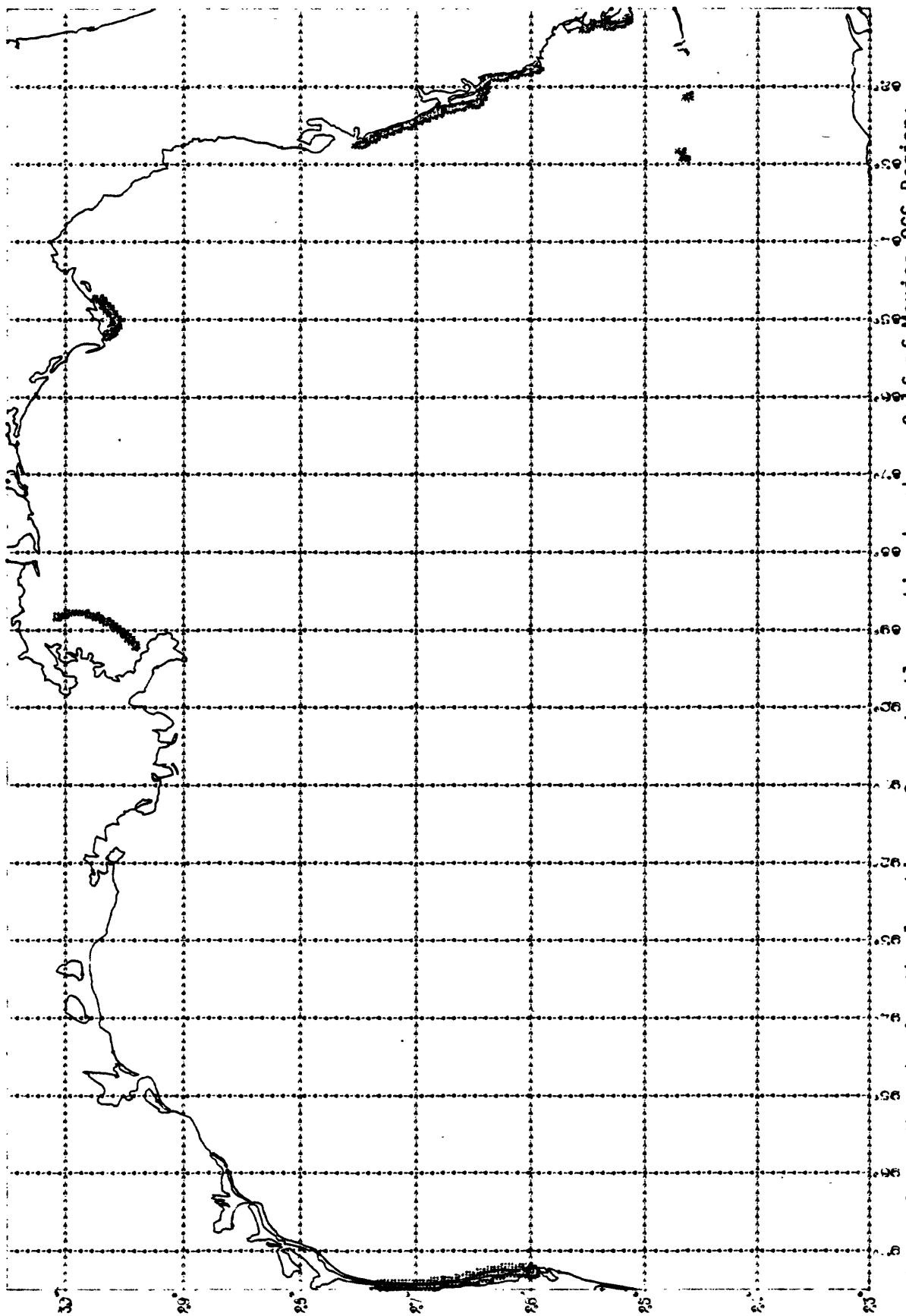


Figure A-8.--Map showing the locations of sea turtle nesting beaches, Gulf of Mexico OCS Region: crosshatching indicates areal extent.

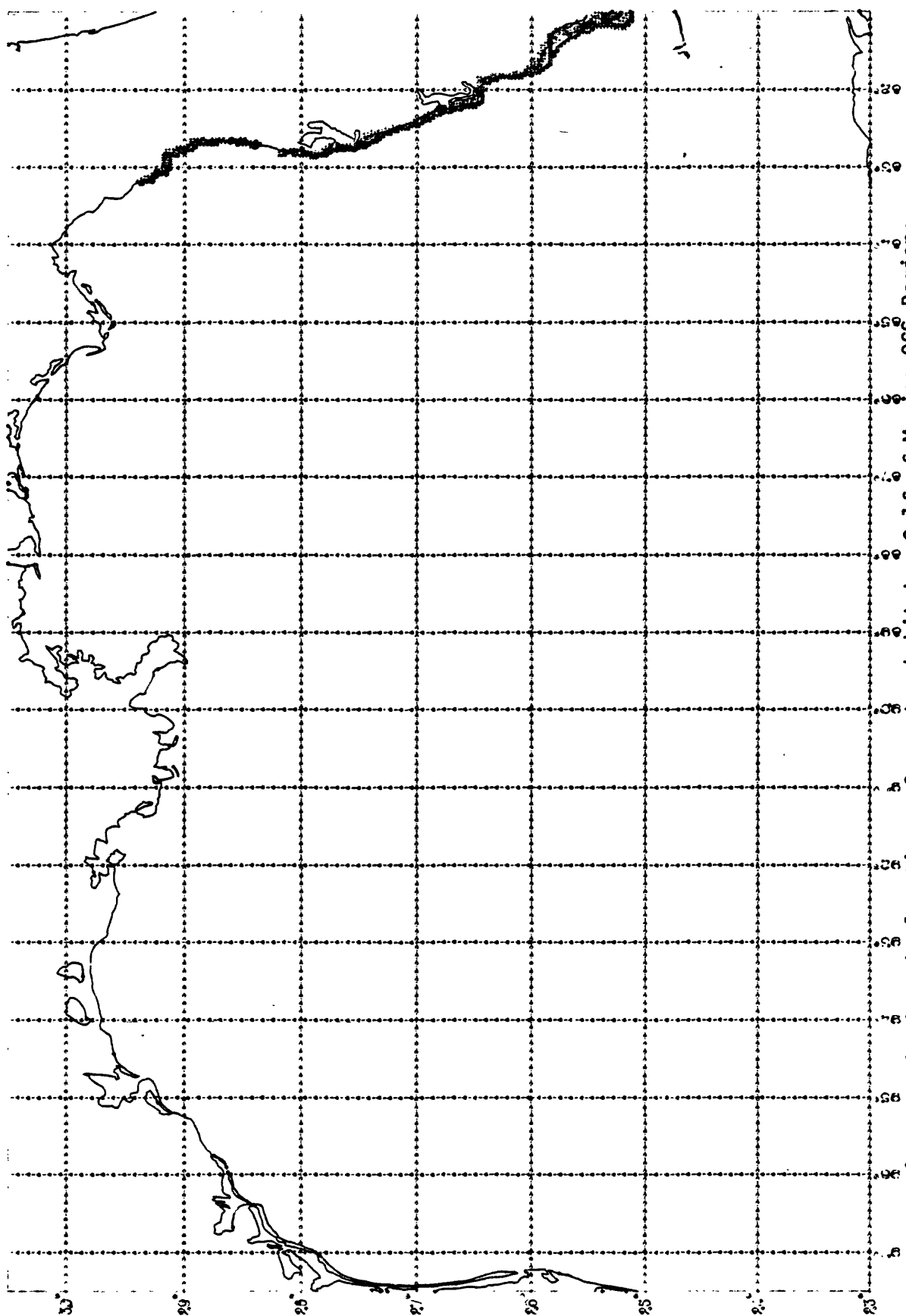


Figure A-9.--Map showing the locations of manatee habitats, Gulf of Mexico OCS Region:
crosshatching indicates areal extent.

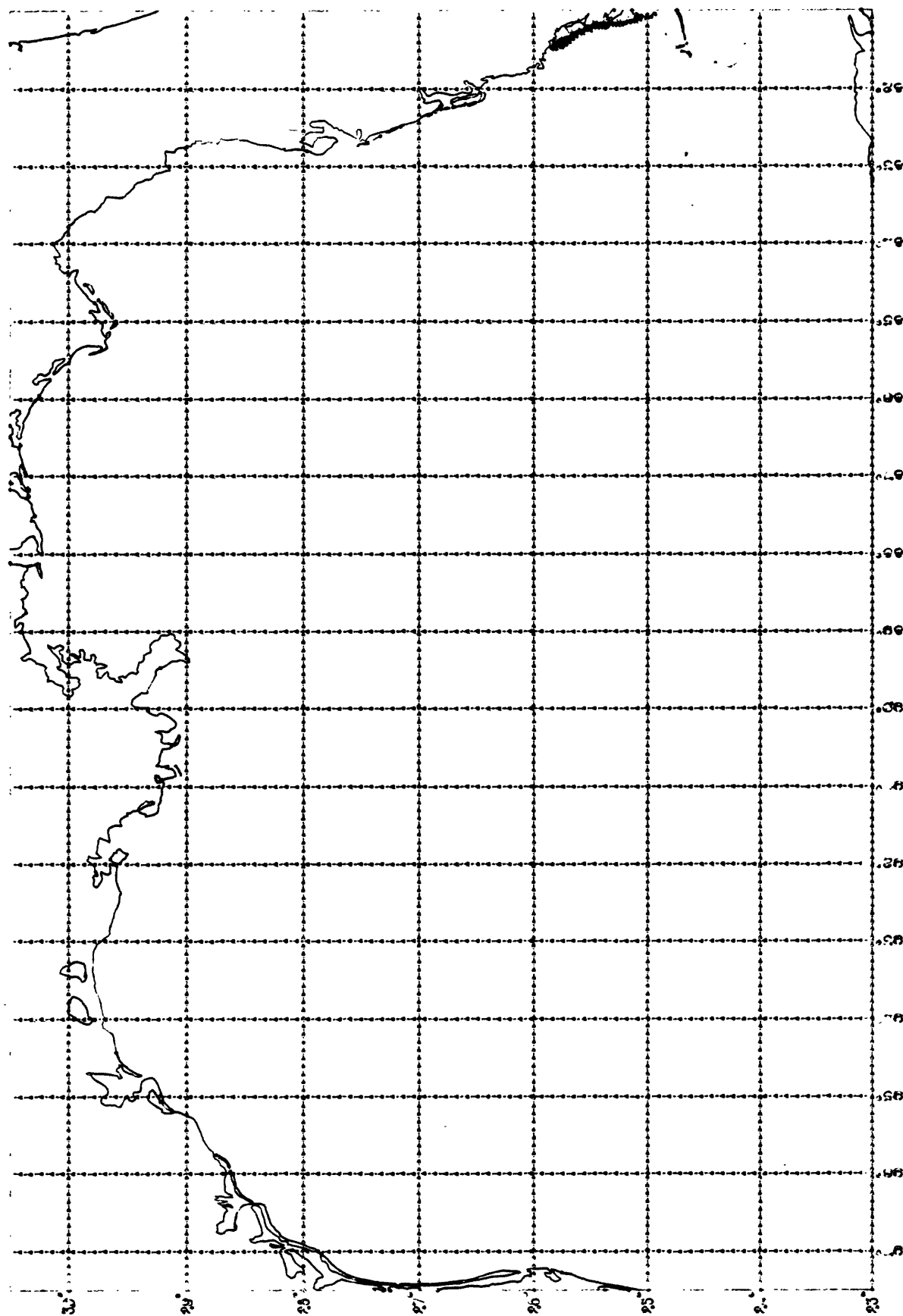


Figure A-10.--Map showing the locations of Everglades National Park, Gulf of Mexico OCS Region: crosshatching indicates areal extent.

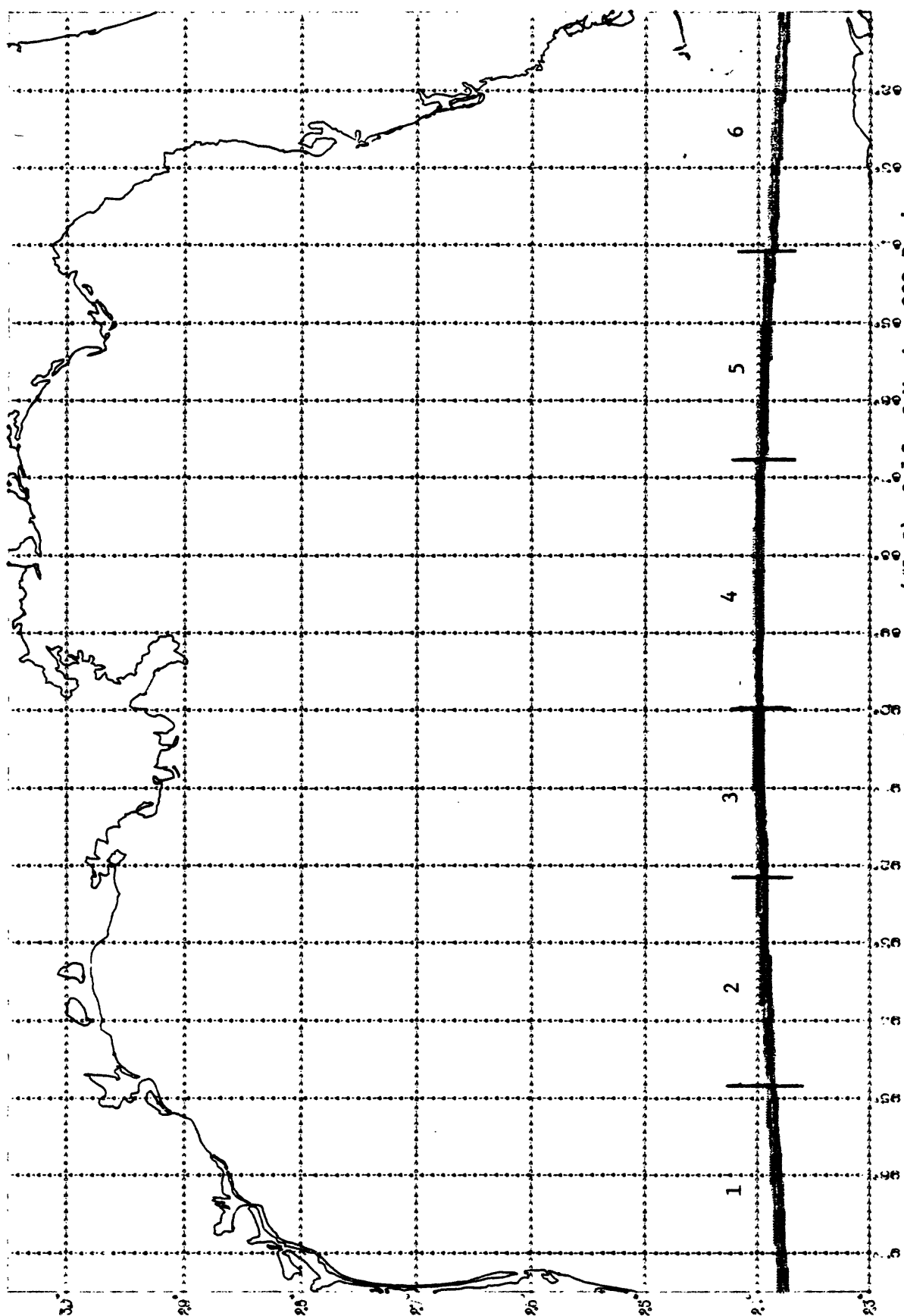


Figure A-11.--Map showing the locations of Gulf segments (#1-6), Gulf of Mexico OCS Region:
crosshatching indicates areal extent.

Appendix B

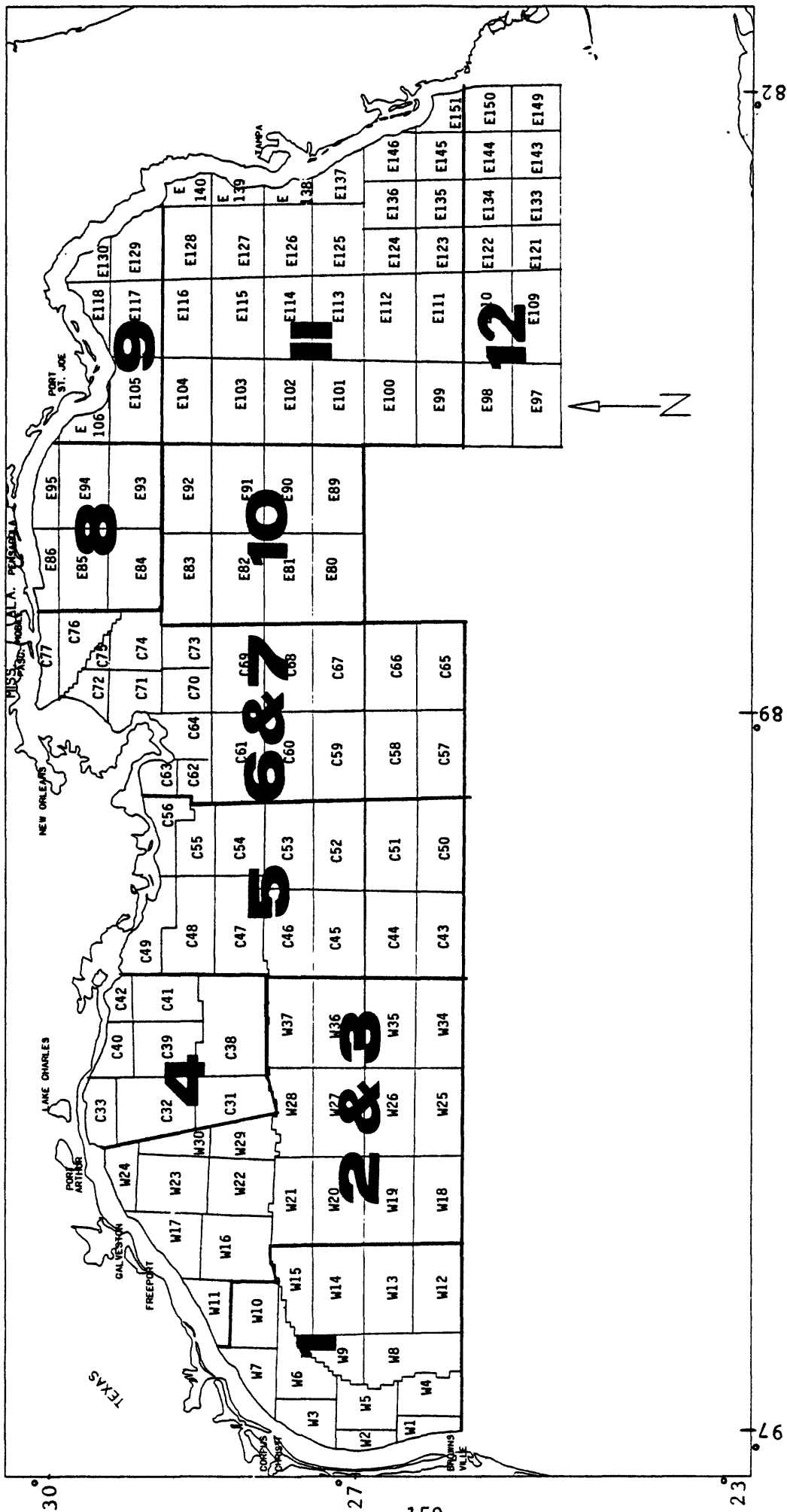


Figure B-1.--Map showing the subdivisions of the Gulf of Mexico into Subplanning Areas 1-12.

Table U-1. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Target	----- Subplanning Area 1 -----				----- Subplanning Area 283 -----				----- Subplanning Area 4 -----			
	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN
Land	44	0.6	**	5.9	**	13.4	65	1.0	**	6.3	**	13.8
Coastal Inlet Areas	7	0.1	90	2.3	**	6.4	25	0.3	92	2.5	**	6.7
Sea Grass Beds	n	0.0	2	0.0	27	0.3	n	0.0	2	0.0	27	0.3
Flower Garden Banks	n	0.0	2	0.0	55	0.8	10	0.1	12	0.1	60	0.9
Env. Preser. Areas	n	0.0	32	0.4	57	0.8	n	0.0	32	0.4	57	0.8
TX Beaches	25	0.3	37	0.5	82	1.7	37	0.5	48	0.6	85	1.9
LA Beaches	n	0.0	15	0.2	20	0.2	n	0.0	15	0.2	20	0.2
MI Beaches	n	0.0	1	0.0	19	0.2	n	0.0	1	0.0	19	0.2
AL Beaches	n	0.0	1	0.0	13	0.1	n	0.0	1	0.0	13	0.1
FL Beaches	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0
Gulf Beaches	25	0.3	48	0.6	90	2.3	37	0.5	56	0.8	92	2.5
list./Preh. Sites	14	0.2	68	1.1	96	3.2	47	0.6	80	1.6	97	3.6
Brown Pelicans	41	0.5	76	1.4	93	2.6	33	0.4	73	1.3	92	2.5
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	2	0.0	2	0.0	12	0.1	1	0.0	1	0.0	11	0.1
Sea Turtles	3	0.0	31	0.4	37	0.5	7	0.1	34	0.4	39	0.5
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. D.	n	0.0	13	0.1	13	0.1	1	0.0	14	0.1	14	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-1 (Cont). -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Target	----- Subplanning Area 5 -----				----- Subplanning Area 6E7 -----				----- Subplanning Area 8 -----			
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean
Land	69	1.2	**	6.5	**	14.0			65	1.1	**	6.4
Coastal Inlet Areas	41	0.5	93	2.7	**	6.9			46	0.6	**	2.8
Sea Grass Beds	n	0.0	2	0.0	27	0.3			6	0.1	8	0.1
Flower Garden Banks	1	0.0	3	0.0	55	0.8			n	0.0	2	0.0
Env. Preser. Areas	1	0.0	33	0.4	57	0.8			29	0.3	52	0.7
TX Beaches	n	0.0	16	0.2	76	1.4			n	0.0	16	0.2
LA Beaches	2	0.0	17	0.2	21	0.2			n	0.0	15	0.2
MI Beaches	n	0.0	1	0.0	19	0.2			6	0.1	7	0.1
AL Beaches	n	0.0	1	0.0	13	0.1			22	0.2	22	0.3
FL Beaches	n	0.0	n	0.0	1	0.0			15	0.2	15	0.2
Gulf Beaches	2	0.0	32	0.4	87	2.0			37	0.5	56	0.8
Hist./Preh. Sites	29	0.3	74	1.3	97	3.4			19	0.2	70	1.2
Brown Pelicans	4	0.0	62	1.0	88	2.1			26	0.3	70	1.2
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	10	0.1			n	0.0	n	0.0
Sea Turtles	n	0.0	29	0.3	35	0.4			16	0.2	40	0.5
Manatee Hab.	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Atchafalaya Riv. D.	7	0.1	19	0.2	19	0.2			n	0.0	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0			n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-1 (Cont.). -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Target	----- Subplanning Area 9 -----				----- Subplanning Area 10 -----				----- Subplanning Area 11 -----			
	PROPOSED		PROPOSED		PROPOSED		PROPOSED		PROPOSED		PROPOSED	
	Prob	Mean	EXISTING & IMPORT	Prob Mean	Prob	Mean	EXISTING & IMPORT	Prob Mean	Prob	Mean	EXISTING & IMPORT	Prob Mean
Land	9	0.1	**	5.4	**	12.9	**	5.6	**	13.1	**	5.5
Coastal Inlet Areas	5	0.0	89	2.2	**	6.4	91	2.4	16	0.2	89	2.2
Sea Grass Beds	1	0.0	3	0.0	27	0.3	4	0.0	4	0.0	4	0.0
Flower Garden Banks	n	0.0	2	0.0	55	0.8	2	0.0	n	0.0	2	0.0
Env. Preser. Areas	4	0.0	35	0.4	58	0.9	10	0.1	6	0.1	36	0.4
TX Beaches	n	0.0	16	0.2	76	1.4	19	0.2	n	0.0	16	0.2
LA Beaches	n	0.0	15	0.2	20	0.2	15	0.2	n	0.0	15	0.2
MI Beaches	n	0.0	2	0.0	20	0.2	3	0.0	n	0.0	1	0.0
AL Beaches	1	0.0	2	0.0	14	0.2	8	0.1	n	0.0	1	0.0
FL Beaches	3	0.0	4	0.0	5	0.0	3	0.0	3	0.0	3	0.0
Gulf Beaches	5	0.0	34	0.4	87	2.1	39	0.5	3	0.0	33	0.4
Hist./Preh. Sites	2	0.0	64	1.0	95	3.0	65	1.1	8	0.1	66	1.1
Brown Pelicans	2	0.0	61	0.9	88	2.1	63	1.0	5	0.0	62	1.0
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	10	0.1	n	0.0	n	0.0	n	0.0
Sea Turtles	1	0.0	30	0.4	36	0.4	33	0.4	3	0.0	31	0.4
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	5	0.1	5	0.1
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	13	0.1	13	0.1	13	0.1	n	0.0	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table H-1 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Target	----- Subplanting Area 12 -----					
	PROPOSED		PROPOSED AND EXISTING		PROPOSED EXISTING & IMPORT	
	Prob	Mean	Prob	Mean	Prob	Mean
Land	2	0.0	**	5.3	**	12.8
Coastal Inlet Areas	1	0.0	89	2.2	**	6.4
Sea Grass Beds	n	0.0	2	0.0	27	0.3
Flower Garden Banks	n	0.0	2	0.0	55	0.8
Env. Preser. Areas	1	0.0	33	0.4	57	0.8
TX Beaches	n	0.0	16	0.2	76	1.4
LA Beaches	n	0.0	15	0.2	20	0.2
MI Beaches	n	0.0	1	0.0	19	0.2
AL Beaches	n	0.0	1	0.0	13	0.1
FL Beaches	n	0.0	n	0.0	2	0.0
Gulf Beaches	n	0.0	31	0.4	87	2.0
Hist./Preh. Sites	n	0.0	63	1.0	95	3.0
Brown Pelicans	n	0.0	60	0.9	88	2.1
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	10	0.1
Sea Turtles	n	0.0	29	0.3	35	0.4
Manatee Hab.	1	0.0	1	0.0	1	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. J.	n	0.0	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	2	0.0
Gulf Segment 5	1	0.0	1	0.0	1	0.0
Gulf Segment 6	2	0.0	2	0.0	2	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-2. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Land Segment	----- Subplanning Area 1 -----				----- Subplanning Area 2B3 -----				----- Subplanning Area 4 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
1	1	0.0	1	0.0	11	0.1	11	0.1	n	0.0	n	0.0
2	1	0.0	1	0.0	1	0.0	1	0.0	n	0.0	n	0.0
3	7	0.1	7	0.1	1	0.0	2	0.0	n	0.0	n	0.0
4	9	0.1	10	0.1	n	0.0	n	0.0	n	0.0	n	0.0
5	15	0.2	15	0.2	n	0.0	1	0.0	n	0.0	1	0.0
6	4	0.0	4	0.0	n	0.0	1	0.0	n	0.0	n	0.0
7	7	0.1	7	0.1	3	0.0	4	0.0	n	0.0	n	0.0
8	12	0.1	15	0.2	14	0.1	17	0.2	n	0.0	4	0.0
9	n	0.0	6	0.1	13	0.1	18	0.2	2	0.0	8	0.1
10	n	0.0	14	0.2	31	0.4	41	0.5	7	0.1	20	0.2
11	n	0.0	5	0.0	8	0.1	12	0.1	10	0.1	14	0.2
12	n	0.0	27	0.3	3	0.0	29	0.3	40	0.5	56	0.8
13	n	0.0	24	0.3	3	0.0	24	0.3	26	0.3	44	0.6
14	n	0.0	25	0.3	1	0.0	26	0.3	9	0.1	32	0.4
15	n	0.0	3	0.0	n	0.0	3	0.0	n	0.0	3	0.0
16	n	0.0	55	0.8	3	0.0	56	0.8	n	0.0	55	0.8
17	n	0.0	45	0.6	n	0.0	45	0.6	n	0.0	45	0.6
18	n	0.0	25	0.3	n	0.0	25	0.3	n	0.0	25	0.3
19	n	0.0	84	1.8	n	0.0	84	1.8	n	0.0	84	1.8
20	n	0.0	36	0.4	n	0.0	36	0.4	n	0.0	36	0.4
21	n	0.0	2	0.0	n	0.0	2	0.0	n	0.0	2	0.0
22	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	1	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
27	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-2 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Land Segment	----- Subplanning Area 5 -----				----- Subplanning Area 667 -----				----- Subplanning Area 8 -----			
	PROPOSED	PROPOSED AND EXISTING	PROB Mean	PROB Mean	PROPOSED	PROPOSED AND EXISTING	PROB Mean	PROB Mean	PROPOSED	PROPOSED AND EXISTING	PROB Mean	PROB Mean
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	1	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	1	0.0
8	n	0.0	4	0.0	n	0.0	4	0.0	n	0.0	4	0.0
9	n	0.0	6	0.1	n	0.0	6	0.1	n	0.0	6	0.1
10	n	0.0	14	0.2	n	0.0	14	0.2	n	0.0	14	0.2
11	1	0.0	5	0.1	n	0.0	5	0.1	n	0.0	5	0.0
12	2	0.0	28	0.3	n	0.0	27	0.3	n	0.0	27	0.3
13	5	0.0	27	0.3	n	0.0	24	0.3	n	0.0	24	0.3
14	10	0.1	33	0.4	n	0.0	25	0.3	n	0.0	25	0.3
15	2	0.0	5	0.0	n	0.0	3	0.0	n	0.0	3	0.0
16	45	0.5	75	1.4	n	0.0	55	0.8	n	0.0	55	0.8
17	24	0.3	58	0.9	9	0.1	50	0.7	n	0.0	45	0.6
18	3	0.0	27	0.3	8	0.1	31	0.4	n	0.0	25	0.3
19	n	0.0	84	1.3	70	1.2	95	3.0	18	0.2	87	2.0
20	n	0.0	36	0.4	39	0.5	61	0.9	24	0.3	51	0.7
21	n	0.0	2	0.0	14	0.1	16	0.2	7	0.1	9	0.1
22	n	0.0	1	0.0	2	0.0	3	0.0	11	0.1	11	0.1
23	n	0.0	n	0.0	n	0.0	1	0.0	17	0.2	17	0.2
24	n	0.0	n	0.0	n	0.0	n	0.0	17	0.2	17	0.2
25	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0
26	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
27	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-2 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Land Segment	----- Subplanning Area 9 -----				----- Subplanning Area 10 -----				----- Subplanning Area 11 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
8	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
9	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
10	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
11	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
12	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
13	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
14	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
15	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
16	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
17	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
18	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
19	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
20	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
21	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
22	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
25	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
26	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
27	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
28	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
29	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
37	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
39	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
40	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-2 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 1.

Land Segment	----- Subplanting Area 12 -----					
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING % IMPORT	Prob	Mean	Prob
3	n 0.0	n 0.0	n 0.0	3	0.0	
4	n 0.0	n 0.0	n 0.0	6	0.1	
5	n 0.0	1 0.0	16 0.2	16	0.2	
6	n 0.0	n 0.0	23 0.3	23	0.3	
7	n 0.0	1 0.0	18 0.2	18	0.2	
8	n 0.0	4 0.0	19 0.2	19	0.2	
9	n 0.0	6 0.1	39 0.5	39	0.5	
10	n 0.0	14 0.2	67 1.1	67	1.1	
11	n 0.0	5 0.0	74 1.3	74	1.3	
12	n 0.0	27 0.3	53 0.7	53	0.7	
13	n 0.0	24 0.3	24 0.3	24	0.3	
14	n 0.0	25 0.3	25 0.3	25	0.3	
15	n 0.0	3 0.0	3 0.0	3	0.0	
16	n 0.0	55 0.3	77 1.4	77	1.4	
17	n 0.0	45 0.6	89 2.2	89	2.2	
18	n 0.0	25 0.3	29 0.3	29	0.3	
19	n 0.0	84 1.8	89 2.2	89	2.2	
20	n 0.0	36 0.4	44 0.6	44	0.6	
21	n 0.0	2 0.0	36 0.5	36	0.5	
22	n 0.0	1 0.0	12 0.1	12	0.1	
23	n 0.0	n 0.0	4 0.0	4	0.0	
27	n 0.0	n 0.0	1 0.0	1	0.0	
42	1 0.0	1 0.0	1 0.0	1	0.0	

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-3. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 2.

Target	----- Subplanning Area 1 -----					----- Subplanning Area 283 -----					----- Subplanning Area 4 -----				
	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROB MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROB MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROB MEAN
Land	2	0.0	++	5.3	8.7	5	0.0	++	5.4	8.7	4	0.0	++	5.3	8.7
Coastal Inlet Areas	n	0.0	89	2.2	4.1	2	0.0	89	2.2	4.1	n	0.0	89	2.2	4.1
Sea Grass Beds	n	0.0	2	0.0	0.2	n	0.0	2	0.0	0.2	n	0.0	2	0.0	0.2
Flower Garden Banks	n	0.0	2	0.0	0.4	n	0.0	2	0.0	0.4	n	0.0	2	0.0	0.4
Env. Preser. Areas	n	0.0	32	0.4	0.6	n	0.0	32	0.4	0.6	n	0.0	32	0.4	0.6
TX Beaches	1	0.0	17	0.2	0.8	2	0.0	18	0.2	0.8	n	0.0	16	0.2	0.7
LA Beaches	n	0.0	15	0.2	0.2	n	0.0	15	0.2	0.2	n	0.0	15	0.2	0.2
MI Beaches	n	0.0	10	0.1	0.1	n	0.0	10	0.1	0.1	n	0.0	10	0.1	0.1
AL Beaches	n	0.0	7	0.1	0.1	n	0.0	7	0.1	0.1	n	0.0	7	0.1	0.1
FL Beaches	n	0.0	1	0.0	0.0	n	0.0	1	0.0	0.0	n	0.0	1	0.0	0.0
Gulf Beaches	1	0.0	31	0.4	1.1	2	0.0	32	0.4	1.1	n	0.0	31	0.4	1.1
Hist./Preh. Sites	n	0.0	63	1.0	1.9	2	0.0	64	1.0	1.9	n	0.0	63	1.0	1.9
Brown Pelicans	1	0.0	61	0.9	1.5	2	0.0	61	0.9	1.5	n	0.0	60	0.9	1.4
MI Sandhill Cranes	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Whooping Cranes	n	0.0	n	0.0	0.1	n	0.0	n	0.0	0.1	n	0.0	n	0.0	0.1
Sea Turtles	n	0.0	29	0.3	0.4	n	0.0	29	0.3	0.4	n	0.0	29	0.3	0.4
Manatee Hab.	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Dry Tortugas	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Florida Keys	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Straits of Florida	n	0.0	13	0.1	0.1	n	0.0	13	0.1	0.1	n	0.0	13	0.1	0.1
Atchafalaya Riv. B.	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Everglades Nat. Pk.	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 1	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 2	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 3	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 4	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1
Gulf Segment 5	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 6	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent.

Table B-3 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 2.

Target	----- Subplanning Area 5 -----				----- Subplanning Area 6&7 -----				----- Subplanning Area 8 -----			
	PROPOSED	PROPOSED AND EXISTING	Prob	Mean	PROPOSED	PROPOSED AND EXISTING	Prob	Mean	PROPOSED	PROPOSED AND EXISTING	Prob	Mean
Land	7	0.1	44	5.4	9	0.1	44	5.4	13	0.1	44	5.5
Coastal Inlet Areas	2	0.0	89	2.2	4	0.0	89	2.2	8	0.1	90	2.3
Sea Grass Beds	n	0.0	2	0.0	1	0.0	3	0.0	1	0.0	3	0.0
Flower Garden Banks	n	0.0	2	0.0	n	0.0	2	0.0	n	0.0	2	0.0
Env. Preser. Areas	n	0.0	32	0.4	2	0.0	33	0.4	4	0.0	35	0.4
TX Beaches	n	0.0	16	0.2	n	0.0	16	0.2	n	0.0	16	0.2
LA Beaches	n	0.0	15	0.2	1	0.0	16	0.2	n	0.0	15	0.2
MI Beaches	n	0.0	1	0.0	1	0.0	2	0.0	1	0.0	2	0.0
AL Beaches	n	0.0	1	0.0	n	0.0	1	0.0	3	0.0	4	0.0
FL Beaches	n	0.0	n	0.0	n	0.0	n	0.0	3	0.0	3	0.0
Gulf Beaches	n	0.0	31	0.4	1	0.0	31	0.4	7	0.1	35	0.4
Hist./Preh. Sites	1	0.0	63	1.0	1	0.0	63	1.0	3	0.0	64	1.0
Brown Pelicans	1	0.0	60	0.9	3	0.0	61	0.9	4	0.0	62	1.0
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Sea Turtles	n	0.0	29	0.3	1	0.0	30	0.4	2	0.0	31	0.4
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	13	0.1	n	0.0	13	0.1	n	0.0	13	0.1
Atchafalaya Riv. B.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; 44 = greater than 99.5 percent.

Table U-3 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 2.

Target	----- Subplanning Area 11 -----					
	PROPOSED			PROPOSED AND EXISTING		
	Prob	Mean	Prob	Mean	Prob	Mean
Land	3	0.0	**	5.3	**	8.7
Coastal Inlet Areas	1	0.0	89	2.2	98	4.1
Sea Grass Beds	n	0.0	2	0.0	14	0.2
Flower Garden Banks	n	0.0	2	0.0	31	0.4
Env. Preser. Areas	1	0.0	33	0.4	45	0.6
TX Beaches	n	0.0	16	0.2	52	0.7
LA Beaches	n	0.0	15	0.2	17	0.2
MI Beaches	n	0.0	1	0.0	10	0.1
AL Beaches	n	0.0	1	0.0	7	0.1
FL Beaches	1	0.0	1	0.0	1	0.0
Gulf Beaches	1	0.0	31	0.4	67	1.1
Hist./Preh. Sites	2	0.0	64	1.0	85	1.9
Brown Pelicans	1	0.0	60	0.9	77	1.5
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	5	0.1
Sea Turtles	1	0.0	30	0.4	32	0.4
Manatee Hab.	1	0.0	1	0.0	1	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	1	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-4. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 2.

Land Segment	----- Subplanning Area 1 -----				----- Subplanning Area 283 -----				----- Subplanning Area 4 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
3	n	0.0	1	0.0	2	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	1	0.0	3	0.0	n	0.0	n	0.0	n	0.0
5	1	0.0	1	0.0	9	0.1	n	0.0	1	0.0	1	0.0
6	n	0.0	n	0.0	14	0.1	n	0.0	n	0.0	n	0.0
7	n	0.0	1	0.0	9	0.1	n	0.0	n	0.0	n	0.0
8	n	0.0	4	0.0	11	0.1	1	0.0	n	0.0	4	0.0
9	n	0.0	6	0.1	22	0.3	n	0.0	n	0.0	6	0.1
10	n	0.0	14	0.2	44	0.6	16	0.2	n	0.0	14	0.2
11	n	0.0	5	0.0	47	0.6	6	0.1	n	0.0	5	0.1
12	n	0.0	27	0.3	40	0.5	27	0.3	3	0.0	28	0.3
13	n	0.0	24	0.3	24	0.3	24	0.3	1	0.0	25	0.3
14	n	0.0	25	0.3	25	0.3	25	0.3	n	0.0	25	0.3
15	n	0.0	3	0.0	3	0.0	3	0.0	n	0.0	3	0.0
16	n	0.0	55	0.8	66	1.1	55	0.8	n	0.0	55	0.8
17	n	0.0	45	0.6	73	1.3	45	0.6	n	0.0	45	0.6
18	n	0.0	25	0.3	26	0.3	25	0.3	n	0.0	25	0.3
19	n	0.0	84	1.8	87	2.0	84	1.8	n	0.0	84	1.8
20	n	0.0	36	0.4	40	0.5	36	0.4	n	0.0	36	0.4
21	n	0.0	2	0.0	19	0.2	2	0.0	n	0.0	2	0.0
22	n	0.0	1	0.0	6	0.1	1	0.0	n	0.0	1	0.0
23	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-4 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 2.

Land Segment	----- Subplanning Area 5 -----					----- Subplanning Area 627 -----					----- Subplanning Area 8 -----				
	PROPOSED		PROPOSED AND EXISTING		Prob Mean	PROPOSED		PROPOSED AND EXISTING		Prob Mean	PROPOSED		PROPOSED AND EXISTING		Prob Mean
	n	0.0	n	0.0		n	0.0	n	0.0		n	0.0	n	0.0	
3	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1
4	n	0.0	n	0.0	3	0.0	n	0.0	n	0.0	n	0.0	n	0.0	3
5	n	0.0	1	0.0	8	0.1	n	0.0	1	0.0	n	0.0	1	0.0	8
6	n	0.0	n	0.0	14	0.1	n	0.0	n	0.0	n	0.0	n	0.0	14
7	n	0.0	1	0.0	9	0.1	n	0.0	1	0.0	n	0.0	1	0.0	9
8	n	0.0	4	0.0	11	0.1	n	0.0	4	0.0	n	0.0	4	0.0	11
9	n	0.0	6	0.1	22	0.3	n	0.0	6	0.1	n	0.0	6	0.1	22
10	n	0.0	14	0.2	44	0.6	n	0.0	14	0.2	n	0.0	14	0.2	44
11	n	0.0	5	0.0	47	0.6	n	0.0	5	0.0	n	0.0	5	0.0	47
12	n	0.0	27	0.3	40	0.5	n	0.0	27	0.3	n	0.0	27	0.3	40
13	n	0.0	24	0.3	24	0.3	n	0.0	24	0.3	n	0.0	24	0.3	24
14	1	0.0	26	0.3	26	0.3	n	0.0	25	0.3	n	0.0	25	0.3	25
15	n	0.0	3	0.0	3	0.0	n	0.0	3	0.0	n	0.0	3	0.0	3
16	4	0.0	57	0.8	68	1.1	n	0.0	55	0.8	n	0.0	55	0.8	66
17	1	0.0	46	0.6	73	1.3	n	0.0	46	0.6	n	0.0	45	0.6	73
18	1	0.0	25	0.3	27	0.3	1	0.0	25	0.3	n	0.0	25	0.3	26
19	n	0.0	84	1.8	87	2.0	4	0.0	85	1.9	2	0.0	85	1.9	87
20	n	0.0	36	0.4	40	0.5	1	0.0	37	0.5	3	0.0	38	0.5	42
21	n	0.0	2	0.0	19	0.2	2	0.0	3	0.0	1	0.0	3	0.0	20
22	n	0.0	1	0.0	6	0.1	n	0.0	1	0.0	1	0.0	2	0.0	7
23	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0	3	0.0	3	0.0	4
24	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	3	0.0	3	0.0	3

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-4 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 2.

Land Segment	----- Subplanning Area 11 -----			
	PROPOSED	PROPOSED AND EXISTING	PROPOSED AND EXISTING & IMPORT	
	Prob	Mean	Prob	Mean
3	n	0.0	n	0.0
4	n	0.0	n	0.0
5	n	0.0	1	0.0
6	n	0.0	n	0.0
7	n	0.0	1	0.0
8	n	0.0	4	0.0
9	n	0.0	6	0.1
10	n	0.0	14	0.2
11	n	0.0	5	0.0
12	n	0.0	27	0.3
13	n	0.0	24	0.3
14	n	0.0	25	0.3
15	n	0.0	3	0.0
16	n	0.0	55	0.8
17	n	0.0	45	0.6
18	n	0.0	25	0.3
19	2	0.0	84	1.9
20	n	0.0	36	0.4
21	n	0.0	2	0.0
22	n	0.0	1	0.0
23	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-5. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 3.

Target	----- Subplanning Area 1 -----					----- Subplanning Area 2&3 -----					----- Subplanning Area 4 -----							
	PROPOSED		PROPOSED AND EXISTING		Prob Mean	PROPOSED		PROPOSED AND EXISTING		Prob Mean	PROPOSED		PROPOSED AND EXISTING		Prob Mean			
	Prob	Mean	Prob	Mean		Prob	Mean	Prob	Mean		Prob	Mean	Prob	Mean				
Land	6	0.1	**	5.4	**	8.7	17	0.2	**	5.5	**	8.9	13	0.1	**	5.4	**	8.8
Coastal Inlet Areas	1	0.0	89	2.2	98	4.1	6	0.1	90	2.3	98	4.1	1	0.0	89	2.2	98	4.1
Sea Grass Beds	n	0.0	2	0.0	14	0.2	n	0.0	2	0.0	14	0.2	n	0.0	2	0.0	14	0.2
Flower Garden Banks	n	0.0	2	0.0	31	0.4	n	0.0	2	0.0	31	0.4	n	0.0	2	0.0	31	0.4
Env. Preser. Areas	n	0.0	32	0.4	44	0.6	n	0.0	32	0.4	44	0.6	n	0.0	32	0.4	44	0.6
TX Beaches	3	0.0	19	0.2	54	0.8	7	0.1	22	0.3	56	0.8	1	0.0	17	0.2	53	0.7
LA Beaches	n	0.0	15	0.2	17	0.2	n	0.0	15	0.2	17	0.2	n	0.0	15	0.2	18	0.2
MI Beaches	n	0.0	1	0.0	10	0.1	n	0.0	1	0.0	10	0.1	n	0.0	1	0.0	10	0.1
AL Beaches	n	0.0	1	0.0	7	0.1	n	0.0	1	0.0	7	0.1	n	0.0	1	0.0	7	0.1
FL Beaches	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0
Gulf Beaches	3	0.0	33	0.4	63	1.1	7	0.1	35	0.4	69	1.2	1	0.0	31	0.4	67	1.1
Hist./Preh. Sites	1	0.0	64	1.0	85	1.9	9	0.1	66	1.1	86	2.0	2	0.0	64	1.0	85	1.9
Brown Pelicans	5	0.1	62	1.0	78	1.5	6	0.1	62	1.0	78	1.5	n	0.0	60	0.9	77	1.4
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	5	0.1	n	0.0	n	0.0	5	0.1	n	0.0	n	0.0	5	0.1
Sea Turtles	n	0.0	29	0.3	32	0.4	n	0.0	29	0.3	32	0.4	n	0.0	29	0.3	32	0.4
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. J.	n	0.0	13	0.1	13	0.1	n	0.0	13	0.1	13	0.1	n	0.0	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-5 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 3.

Target	----- Subplanning Area 5 -----				----- Subplanning Area 667 -----				----- Subplanning Area 8 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
Land	18	0.2	44	5.5	20	0.2	44	5.5	34	0.4	44	5.7
Coastal Inlet Areas	7	0.1	90	2.3	11	0.1	98	4.2	22	0.2	91	2.4
Sea Grass Beds	n	0.0	2	0.0	1	0.0	15	0.2	2	0.0	4	0.0
Flower Garden Banks	n	0.0	2	0.0	n	0.0	31	0.4	n	0.0	2	0.0
Env. Preser. Areas	n	0.0	32	0.4	5	0.1	47	0.6	12	0.1	40	0.5
TX Beaches	n	0.0	16	0.2	n	0.0	52	0.7	n	0.0	16	0.2
LA Beaches	1	0.0	16	0.2	1	0.0	18	0.2	n	0.0	15	0.2
MI Beaches	n	0.0	10	0.1	1	0.0	11	0.1	2	0.0	3	0.0
AL Beaches	n	0.0	7	0.1	n	0.0	7	0.1	9	0.1	10	0.1
FL Beaches	n	0.0	1	0.0	n	0.0	1	0.0	7	0.1	7	0.1
Gulf Beaches	1	0.0	31	0.4	2	0.0	68	1.1	17	0.2	43	0.6
Hist./Preh. Sites	3	0.0	64	1.0	2	0.0	85	1.9	8	0.1	66	1.1
Brown Pelicans	2	0.0	61	0.9	8	0.1	78	1.5	11	0.1	64	1.0
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	n	0.0	5	0.1	n	0.0	n	0.0
Sea Turtles	n	0.0	29	0.3	4	0.0	34	0.4	6	0.1	34	0.4
Manatee Hab.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	1	0.0	14	0.2	n	0.0	13	0.1	n	0.0	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-5.(Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area within 10 days, for volume scenario number 3.

Target	----- Subplanning Area 10 -----				----- Subplanning Area 11 -----				----- Subplanning Area 12 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
Land	12	0.1	44	5.4	44	8.8	5	0.1	44	5.4	44	8.7
Coastal Inlet Areas	7	0.1	90	2.3	98	4.1	2	0.0	89	2.2	98	4.1
Sea Grass Beds	1	0.0	3	0.0	15	0.2	n	0.0	2	0.0	14	0.2
Flower Garden Banks	n	0.0	2	0.0	31	0.4	n	0.0	2	0.0	31	0.4
Env. Preser. Areas	4	0.0	35	0.4	47	0.6	2	0.0	33	0.4	45	0.6
TX Beaches	n	0.0	16	0.2	52	0.7	n	0.0	16	0.2	52	0.7
LA Beaches	n	0.0	15	0.2	17	0.2	n	0.0	15	0.2	17	0.2
MI Beaches	1	0.0	2	0.0	11	0.1	n	0.0	1	0.0	10	0.1
AL Beaches	3	0.0	3	0.0	9	0.1	n	0.0	1	0.0	7	0.1
FL Beaches	2	0.0	2	0.0	2	0.0	1	0.0	2	0.0	2	0.0
Gulf Beaches	5	0.0	34	0.4	69	1.2	1	0.0	31	0.4	68	1.1
Hist./Preh. Sites	2	0.0	64	1.0	85	1.9	3	0.0	64	1.0	86	1.9
Brown Pelicans	4	0.0	62	1.0	77	1.5	2	0.0	61	0.9	77	1.5
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	5	0.1	n	0.0	n	0.0	5	0.1
Sea Turtles	2	0.0	31	0.4	33	0.4	2	0.0	30	0.4	33	0.4
Manatee Hab.	n	0.0	n	0.0	n	0.0	2	0.0	2	0.0	2	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. Δ.	n	0.0	13	0.1	13	0.1	n	0.0	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; 44 = greater than 99.5 percent.

Table B-6. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 3.

Land Segment	----- Subplanning Area 1 -----				----- Subplanning Area 2&3 -----				----- Subplanning Area 4 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
3	1	0.0	1	0.0	2	0.0	1	0.0	n	0.0	1	0.0
4	1	0.0	2	0.0	4	0.0	n	0.0	n	0.0	3	0.0
5	2	0.0	2	0.0	9	0.1	n	0.0	n	0.0	8	0.1
6	n	0.0	1	0.0	14	0.2	n	0.0	n	0.0	14	0.1
7	1	0.0	2	0.0	10	0.1	1	0.0	n	0.0	9	0.1
8	1	0.0	5	0.0	12	0.1	4	0.0	n	0.0	11	0.1
9	n	0.0	6	0.1	22	0.3	8	0.1	n	0.0	22	0.3
10	n	0.0	14	0.2	44	0.6	20	0.2	n	0.0	15	0.2
11	n	0.0	5	0.0	47	0.6	8	0.1	2	0.0	6	0.1
12	n	0.0	27	0.3	40	0.5	27	0.3	8	0.1	32	0.4
13	n	0.0	24	0.3	24	0.3	24	0.3	3	0.0	26	0.3
14	n	0.0	25	0.3	25	0.3	25	0.3	n	0.0	25	0.3
15	n	0.0	3	0.0	3	0.0	3	0.0	n	0.0	3	0.0
16	n	0.0	55	0.8	66	1.1	55	0.8	n	0.0	55	0.8
17	n	0.0	45	0.6	73	1.3	45	0.6	n	0.0	45	0.6
18	n	0.0	25	0.3	26	0.3	25	0.3	n	0.0	25	0.3
19	n	0.0	84	1.8	87	2.0	84	1.8	n	0.0	84	1.8
20	n	0.0	36	0.4	40	0.5	36	0.4	n	0.0	36	0.4
21	n	0.0	2	0.0	19	0.2	2	0.0	n	0.0	2	0.0
22	n	0.0	1	0.0	6	0.1	1	0.0	n	0.0	1	0.0
23	n	0.0	n	0.0	2	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-6 (Cont.) --- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 3.

Land Segment	----- Subplanning Area 5 -----				----- Subplanning Area 6&7 -----				----- Subplanning Area 8 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	1	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	n	0.0
8	n	0.0	4	0.0	n	0.0	4	0.0	n	0.0	4	0.0
9	n	0.0	6	0.1	n	0.0	6	0.1	n	0.0	6	0.1
10	n	0.0	14	0.2	n	0.0	14	0.2	n	0.0	14	0.2
11	n	0.0	5	0.0	n	0.0	5	0.0	n	0.0	5	0.0
12	n	0.0	27	0.3	n	0.0	27	0.3	n	0.0	27	0.3
13	1	0.0	25	0.3	n	0.0	24	0.3	n	0.0	24	0.3
14	2	0.0	27	0.3	n	0.0	25	0.3	n	0.0	25	0.3
15	n	0.0	3	0.0	n	0.0	3	0.0	n	0.0	3	0.0
16	11	0.1	59	0.9	n	0.0	55	0.8	n	0.0	55	0.8
17	4	0.0	47	0.6	n	0.0	46	0.6	n	0.0	45	0.6
18	1	0.0	26	0.3	2	0.0	26	0.3	n	0.0	25	0.3
19	n	0.0	84	1.8	10	0.1	86	1.9	7	0.1	85	1.9
20	n	0.0	36	0.4	5	0.1	39	0.5	10	0.1	42	0.6
21	n	0.0	2	0.0	2	0.0	4	0.0	3	0.0	5	0.0
22	n	0.0	1	0.0	n	0.0	1	0.0	4	0.0	5	0.0
23	n	0.0	n	0.0	n	0.0	n	0.0	7	0.1	7	0.1
24	n	0.0	n	0.0	n	0.0	n	0.0	7	0.1	7	0.1
25	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-6 (Cont.) -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 3.

Land Segment	----- Subplanning Area 10 -----				----- Subplanning Area 11 -----			
	PROPOSED		PROPOSED AND EXISTING & IMPORT		PROPOSED AND EXISTING & IMPORT		PROPOSED AND EXISTING & IMPORT	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
3	n	0.0	n	0.0	n	0.0	1	0.0
4	n	0.0	n	0.0	n	0.0	3	0.0
5	n	0.0	1	0.0	1	0.0	8	0.1
6	n	0.0	n	0.0	n	0.0	14	0.1
7	n	0.0	1	0.0	1	0.0	9	0.1
8	n	0.0	4	0.0	4	0.0	11	0.1
9	n	0.0	6	0.1	6	0.1	22	0.3
10	n	0.0	14	0.2	14	0.2	44	0.6
11	n	0.0	5	0.0	5	0.0	47	0.6
12	n	0.0	27	0.3	27	0.3	40	0.5
13	n	0.0	24	0.3	24	0.3	24	0.3
14	n	0.0	25	0.3	25	0.3	25	0.3
15	n	0.0	3	0.0	3	0.0	3	0.0
16	n	0.0	55	0.8	55	0.8	66	1.1
17	n	0.0	45	0.6	45	0.6	73	1.3
18	n	0.0	25	0.3	25	0.3	27	0.3
19	2	0.0	85	1.9	85	1.9	87	2.0
20	3	0.0	38	0.5	36	0.4	40	0.5
21	1	0.0	3	0.0	2	0.0	19	0.2
22	1	0.0	2	0.0	1	0.0	6	0.1
23	2	0.0	2	0.0	n	0.0	2	0.0
24	2	0.0	2	0.0	n	0.0	n	0.0
37	n	0.0	n	0.0	1	0.0	1	0.0
39	n	0.0	n	0.0	1	0.0	1	0.0

Notes: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-7. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 4.

Target	----- Subplanning Area 8 -----				----- Subplanning Area 11 -----				----- Subplanning Area 12 -----			
	PROPOSED		PROPOSED		PROPOSED		PROPOSED		PROPOSED		PROPOSED	
	Prob	Mean	EXISTING & IMPORT	Prob Mean	Prob	Mean	EXISTING & IMPORT	Prob Mean	Prob	Mean	EXISTING & IMPORT	Prob Mean
Land	43	0.6	44	9.2	5	0.1	44	5.4	1	0.0	44	5.3
Coastal Inlet Areas	28	0.3	99	4.4	2	0.0	89	2.2	1	0.0	89	2.2
Sea Grass Beds	3	0.0	16	0.2	n	0.0	2	0.0	n	0.0	2	0.0
Flower Garden Banks	n	0.0	31	0.4	n	0.0	2	0.0	n	0.0	2	0.0
Env. Preser. Areas	16	0.2	43	0.6	1	0.0	33	0.4	1	0.0	33	0.4
TX Beaches	n	0.0	16	0.2	n	0.0	16	0.2	n	0.0	16	0.2
LA Beaches	n	0.0	15	0.2	n	0.0	15	0.2	n	0.0	15	0.2
MI Beaches	3	0.0	4	0.0	n	0.0	1	0.0	n	0.0	1	0.0
AL Beaches	12	0.1	13	0.1	n	0.0	1	0.0	n	0.0	1	0.0
FL Beaches	9	0.1	9	0.1	1	0.0	2	0.0	n	0.0	n	0.0
Gulf Beaches	22	0.3	46	0.6	2	0.0	31	0.4	n	0.0	31	0.4
Hist./preh. Sites	10	0.1	67	1.1	3	0.0	64	1.0	n	0.0	63	1.0
Brown Pelicans	14	0.2	66	1.1	2	0.0	61	0.9	n	0.0	60	0.9
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	5	0.1	n	0.0	n	0.0	n	0.0	n	0.0
Sea Turtles	8	0.1	35	0.4	2	0.0	31	0.4	n	0.0	29	0.3
Manatee Hab.	n	0.0	n	0.0	2	0.0	3	0.0	1	0.0	1	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	13	0.1	n	0.0	13	0.1	n	0.0	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	1	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0

Note: n = less than 0.5 percent; 44 = greater than 99.5 percent.

Table B-8. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 4.

Land Segment	----- Subplanning Area 8 -----				----- Subplanning Area 11 -----				----- Subplanning Area 12 -----			
	PROPOSED		PROPOSED AND EXISTING & IMPORT		PROPOSED		PROPOSED AND EXISTING & IMPORT		PROPOSED		PROPOSED AND EXISTING & IMPORT	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	1	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	n	0.0
8	n	0.0	4	0.0	n	0.0	11	0.1	n	0.0	4	0.0
9	n	0.0	6	0.1	n	0.0	6	0.1	n	0.0	6	0.1
10	n	0.0	14	0.2	n	0.0	14	0.2	n	0.0	14	0.2
11	n	0.0	5	0.0	n	0.0	5	0.0	n	0.0	5	0.0
12	n	0.0	27	0.3	n	0.0	27	0.3	n	0.0	27	0.3
13	n	0.0	24	0.3	n	0.0	24	0.3	n	0.0	24	0.3
14	n	0.0	25	0.3	n	0.0	25	0.3	n	0.0	25	0.3
15	n	0.0	3	0.0	n	0.0	3	0.0	n	0.0	3	0.0
16	n	0.0	55	0.8	n	0.0	55	0.8	n	0.0	55	0.8
17	n	0.0	45	0.6	n	0.0	45	0.6	n	0.0	45	0.6
18	n	0.0	25	0.3	n	0.0	25	0.3	n	0.0	25	0.3
19	9	0.1	86	1.9	3	0.0	85	1.9	n	0.0	84	1.8
20	13	0.1	44	0.6	n	0.0	36	0.4	n	0.0	36	0.4
21	4	0.0	6	0.1	n	0.0	2	0.0	n	0.0	2	0.0
22	6	0.1	6	0.1	n	0.0	1	0.0	n	0.0	1	0.0
23	10	0.1	10	0.1	n	0.0	n	0.0	n	0.0	n	0.0
24	10	0.1	10	0.1	n	0.0	n	0.0	n	0.0	n	0.0
25	1	0.0	1	0.0	1	0.0	1	0.0	n	0.0	n	0.0
37	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
39	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0
42	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-9. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 5.

Target	----- Subplanting Area 11 -----			
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean
Land	3	0.0	**	5.3
Coastal Inlet Areas	1	0.0	89	2.2
Sea Grass Beds	n	0.0	2	0.0
Flower Garden Banks	n	0.0	2	0.0
Env. Preser. Areas	1	0.0	33	0.4
TX Deaches	n	0.0	16	0.2
LA Beaches	n	0.0	15	0.2
MI Beaches	n	0.0	1	0.0
AL Beaches	n	0.0	1	0.0
FL Beaches	n	0.0	1	0.0
Gulf Beaches	n	0.0	31	0.4
Hist./Preh. Sites	1	0.0	64	1.0
Drown Pelicans	1	0.0	60	0.9
MI Sandhill Cranes	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0
Sea Turtles	1	0.0	29	0.3
Manatee Hab.	1	0.0	1	0.0
Dry Tortugas	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-10. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 5.

Land Segment	----- Subplanning Area 11 -----			
	PROPOSED	PROPOSED AND EXISTING	PROPOSED AND EXISTING & IMPORT	
	Prob Mean	Prob Mean	Prob Mean	Prob Mean
3	n 0.0	n 0.0	1 0.0	
4	n 0.0	n 0.0	3 0.0	
5	n 0.0	1 0.0	8 0.1	
6	n 0.0	n 0.0	14 0.1	
7	n 0.0	1 0.0	9 0.1	
8	n 0.0	4 0.0	11 0.1	
9	n 0.0	6 0.1	22 0.3	
10	n 0.0	14 0.2	44 0.6	
11	n 0.0	5 0.0	47 0.6	
12	n 0.0	27 0.3	40 0.5	
13	n 0.0	24 0.3	24 0.3	
14	n 0.0	25 0.3	25 0.3	
15	n 0.0	3 0.0	3 0.0	
16	n 0.0	55 0.8	66 1.1	
17	n 0.0	45 0.6	73 1.3	
18	n 0.0	25 0.3	27 0.3	
19	2 0.0	84 1.9	87 2.0	
20	n 0.0	36 0.4	40 0.5	
21	n 0.0	2 0.0	19 0.2	
22	n 0.0	1 0.0	6 0.1	
23	n 0.0	n 0.0	2 0.0	
37	n 0.0	1 0.0	1 0.0	

Note: n = less than 0.5 percent; ++ = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-11. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 6.

Target	----- Subplanning Area 11 -----					----- Subplanning Area 12 -----				
	PROPOSED		PROPOSED AND EXISTING		Prob Mean	PROPOSED		PROPOSED AND EXISTING		Prob Mean
	5	0.1	**	5.4		n	0.0	**	5.3	
Land	1	0.0	98	2.2	8.7	n	0.0	89	2.2	8.7
Coastal Inlet Areas	1	0.0	98	4.1	4.1	n	0.0	98	4.1	4.1
Sea Grass Beds	n	0.0	14	0.2	0.2	n	0.0	14	0.2	0.2
Flower Garden Banks	n	0.0	31	0.4	0.4	n	0.0	31	0.4	0.4
Env. Preser. Areas	n	0.0	33	0.4	0.6	n	0.0	32	0.4	0.6
TX Beaches	n	0.0	16	0.2	0.7	n	0.0	16	0.2	0.7
LA Beaches	n	0.0	15	0.2	0.2	n	0.0	15	0.2	0.2
MI Beaches	n	0.0	1	0.0	0.1	n	0.0	1	0.0	0.1
AL Beaches	n	0.0	1	0.0	0.1	n	0.0	1	0.0	0.1
FL Beaches	1	0.0	1	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Beaches	1	0.0	31	0.4	1.1	n	0.0	30	0.4	1.1
Hist./Preh. Sites	2	0.0	64	1.0	1.9	n	0.0	63	1.0	1.9
Brown Pelicans	1	0.0	61	0.9	1.5	n	0.0	60	0.9	1.4
MI Sandhill Cranes	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Whooping Cranes	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Sea Turtles	1	0.0	30	0.3	0.4	n	0.0	29	0.3	0.4
Manatee Hab.	1	0.0	2	0.0	0.0	n	0.0	1	0.0	0.0
Dry Tortugas	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Florida Keys	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Straits of Florida	n	0.0	13	0.1	0.1	n	0.0	13	0.1	0.1
Atchafalaya Riv. B.	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Everglades Nat. Pk.	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 1	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 2	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 3	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 4	n	0.0	n	0.0	0.0	n	0.0	n	0.0	0.0
Gulf Segment 5	n	0.0	n	0.0	0.0	1	0.0	1	0.0	0.0
Gulf Segment 6	n	0.0	n	0.0	0.0	1	0.0	1	0.0	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-12. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 6.

Land Segment	----- Subplanting Area 11 -----			
	PROPOSED	PROPOSED AND EXISTING	PROPOSED AND EXISTING & IMPORT	
	Prob Mean	Prob Mean	Prob Mean	Prob Mean
3	n 0.0	n 0.0	1 0.0	
4	n 0.0	n 0.0	3 0.0	
5	n 0.0	1 0.0	8 0.1	
6	n 0.0	n 0.0	14 0.1	
7	n 0.0	1 0.0	9 0.1	
8	n 0.0	4 0.0	11 0.1	
9	n 0.0	6 0.1	22 0.3	
10	n 0.0	14 0.2	44 0.6	
11	n 0.0	5 0.0	47 0.6	
12	n 0.0	27 0.3	40 0.3	
13	n 0.0	24 0.3	24 0.3	
14	n 0.0	25 0.3	25 0.3	
15	n 0.0	3 0.0	3 0.0	
16	n 0.0	55 0.8	66 1.1	
17	n 0.0	45 0.6	73 1.3	
18	n 0.0	25 0.3	27 0.3	
19	3 0.0	83 1.9	87 2.1	
20	n 0.0	36 0.4	40 0.3	
21	n 0.0	2 0.0	19 0.2	
22	n 0.0	1 0.0	6 0.1	
23	n 0.0	n 0.0	2 0.0	
37	1 0.0	1 0.0	1 0.0	

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-13. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 7.

Target	----- Subplanning Area 8 -----				----- Subplanning Area 11 -----				----- Subplanning Area 12 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING		PROPOSED		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
Land	65	1.1	**	6.4	**	9.7	13	0.1	**	5.4	**	8.8
Coastal Inlet Areas	46	0.6	94	2.8	99	4.7	4	0.0	89	2.2	89	4.1
Sea Grass Beds	6	0.1	8	0.1	19	0.2	1	0.0	3	0.0	15	0.2
Flower Garden Banks	n	0.0	2	0.0	31	0.4	n	0.0	2	0.0	31	0.4
Env. Preser. Areas	29	0.3	52	0.7	61	0.9	5	0.0	35	0.4	47	0.6
TX Beaches	n	0.0	16	0.2	52	0.7	n	0.0	16	0.2	52	0.7
LA Beaches	n	0.0	15	0.2	17	0.2	n	0.0	15	0.2	17	0.2
MI Beaches	6	0.1	7	0.1	15	0.2	n	0.0	1	0.0	10	0.1
AL Beaches	22	0.2	22	0.3	27	0.3	n	0.0	1	0.0	7	0.1
FL Beaches	15	0.2	15	0.2	16	0.2	2	0.0	3	0.0	3	0.0
Gulf Beaches	37	0.5	56	0.8	79	1.6	3	0.0	32	0.4	68	1.1
Hist./Preh. Sites	18	0.2	70	1.2	88	2.1	6	0.1	65	1.1	86	2.0
Brown Pelicans	26	0.3	70	1.2	83	1.7	4	0.0	62	1.0	77	1.5
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	5	0.1	n	0.0	n	0.0	5	0.1
Sea Turtles	16	0.2	40	0.5	42	0.6	3	0.0	31	0.4	33	0.4
Manatee Hab.	n	0.0	n	0.0	n	0.0	4	0.0	5	0.0	5	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	13	0.1	13	0.1	n	0.0	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0	1	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	2	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-14. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 7.

Land Segment	----- Subplanning Area 8 -----				----- Subplanning Area 11 -----				----- Subplanning Area 12 -----			
	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN	PROPOSED	PROPOSED AND EXISTING	PROB	MEAN
3	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
4	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
5	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	1	0.0
6	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
7	n	0.0	1	0.0	n	0.0	1	0.0	n	0.0	1	0.0
8	n	0.0	4	0.0	n	0.0	4	0.0	n	0.0	4	0.0
9	n	0.0	6	0.1	n	0.0	6	0.1	n	0.0	6	0.1
10	n	0.0	14	0.2	n	0.0	14	0.2	n	0.0	14	0.2
11	n	0.0	5	0.0	n	0.0	5	0.0	n	0.0	5	0.0
12	n	0.0	27	0.3	n	0.0	27	0.3	n	0.0	27	0.3
13	n	0.0	24	0.3	n	0.0	24	0.3	n	0.0	24	0.3
14	n	0.0	25	0.3	n	0.0	25	0.3	n	0.0	25	0.3
15	n	0.0	3	0.0	n	0.0	3	0.0	n	0.0	3	0.0
16	n	0.0	55	0.8	n	0.0	55	0.8	n	0.0	55	0.8
17	n	0.0	45	0.6	n	0.0	45	0.6	n	0.0	45	0.6
18	n	0.0	25	0.3	n	0.0	25	0.3	n	0.0	25	0.3
19	18	0.2	87	2.0	8	0.1	85	1.9	n	0.0	84	1.8
20	24	0.3	51	0.7	n	0.0	36	0.4	n	0.0	36	0.4
21	7	0.1	9	0.1	n	0.0	2	0.0	n	0.0	2	0.0
22	11	0.1	11	0.1	n	0.0	1	0.0	n	0.0	1	0.0
23	17	0.2	17	0.2	n	0.0	n	0.0	n	0.0	n	0.0
24	17	0.2	17	0.2	n	0.0	n	0.0	n	0.0	n	0.0
25	1	0.0	1	0.0	n	0.0	n	0.0	n	0.0	n	0.0
26	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0	n	0.0
37	n	0.0	n	0.0	2	0.0	3	0.0	n	0.0	n	0.0
39	n	0.0	n	0.0	1	0.0	1	0.0	n	0.0	n	0.0
40	n	0.0	n	0.0	n	0.0	1	0.0	n	0.0	n	0.0
42	n	0.0	n	0.0	n	0.0	n	0.0	1	0.0	1	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table 8-15. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 8.

Target	----- Subplanning Area 11 -----				----- Subplanning Area 12 -----			
	PROPOSED		PROPOSED AND EXISTING		PROPOSED AND EXISTING		PROPOSED AND EXISTING	
	Prob	Mean	Prob	Mean	Prob	Mean	Prob	Mean
Land	5	0.1	**	5.4	**	5.3	**	8.7
Coastal Inlet Areas	1	0.0	89	2.2	89	2.2	98	4.1
Sea Grass Beds	n	0.0	3	0.0	2	0.0	14	0.2
Flower Garden Banks	n	0.0	2	0.0	2	0.0	31	0.4
Env. Preser. Areas	2	0.0	33	0.4	32	0.4	45	0.6
TX Beaches	n	0.0	16	0.2	16	0.2	52	0.7
LA Beaches	n	0.0	15	0.2	15	0.2	17	0.2
MI Beaches	n	0.0	1	0.0	1	0.0	10	0.1
AL Beaches	n	0.0	1	0.0	1	0.0	7	0.1
FL Beaches	1	0.0	1	0.0	n	0.0	1	0.0
Gulf Beaches	1	0.0	31	0.4	30	0.4	67	1.1
Hist./Preh. Sites	2	0.0	64	1.0	63	1.0	85	1.9
Brown Pelicans	1	0.0	61	0.9	60	0.9	77	1.4
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	n	0.0	5	0.1
Sea Turtles	1	0.0	30	0.3	29	0.3	32	0.4
Manatee Hab.	1	0.0	2	0.0	n	0.0	n	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	13	0.1	13	0.1	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 6	n	0.0	n	0.0	1	0.0	1	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-16. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 8.

Land Segment	----- Subplanning Area 11 -----					
	PROPOSED		PROPOSED AND EXISTING		PROPOSED EXISTING & IMPORT	
	Prob	Mean	Prob	Mean	Prob	Mean
3	n	0.0	n	0.0	1	0.0
4	n	0.0	n	0.0	3	0.0
5	n	0.0	1	0.0	8	0.1
6	n	0.0	n	0.0	14	0.1
7	n	0.0	1	0.0	9	0.1
8	n	0.0	4	0.0	11	0.1
9	n	0.0	6	0.1	22	0.3
10	n	0.0	14	0.2	44	0.6
11	n	0.0	5	0.0	47	0.6
12	n	0.0	27	0.3	40	0.5
13	n	0.0	24	0.3	24	0.3
14	n	0.0	25	0.3	25	0.3
15	n	0.0	3	0.0	3	0.0
16	n	0.0	55	0.8	66	1.1
17	n	0.0	45	0.6	73	1.3
18	n	0.0	25	0.3	27	0.3
19	3	0.0	85	1.9	87	2.1
20	n	0.0	36	0.4	40	0.5
21	n	0.0	2	0.0	19	0.2
22	n	0.0	1	0.0	6	0.1
23	n	0.0	n	0.0	2	0.0
37	1	0.0	1	0.0	1	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Table B-17. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting targets over the expected production life of the lease area, within 10 days, for volume scenario number 9.

Target	----- Subplanning Area 11 -----				----- Subplanning Area 12 -----			
	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean	PROPOSED	PROPOSED AND EXISTING	PROPOSED EXISTING & IMPORT	Prob Mean
Land	11	0.1	89	5.4	11	0.1	89	5.4
Coastal Inlet Areas	3	0.0	89	2.2	3	0.0	89	2.2
Sea Grass Beds	1	0.0	3	0.0	1	0.0	2	0.0
Flower Garden Banks	n	0.0	2	0.0	n	0.0	2	0.0
Env. Preser. Areas	4	0.0	35	0.4	4	0.0	32	0.4
TX Beaches	n	0.0	16	0.2	n	0.0	16	0.2
LA Beaches	n	0.0	15	0.2	n	0.0	15	0.2
MI Beaches	n	0.0	1	0.0	n	0.0	1	0.0
AL Beaches	n	0.0	1	0.0	n	0.0	1	0.0
FL Beaches	1	0.0	2	0.0	1	0.0	n	0.0
Gulf Beaches	2	0.0	32	0.4	2	0.0	30	0.4
Hist./Preh. Sites	4	0.0	65	1.0	4	0.0	63	1.0
Brown Pelicans	3	0.0	61	0.9	3	0.0	60	0.9
MI Sandhill Cranes	n	0.0	n	0.0	n	0.0	n	0.0
Whooping Cranes	n	0.0	n	0.0	n	0.0	n	0.0
Sea Turtles	1	0.0	30	0.4	1	0.0	29	0.3
Manatee Hab.	3	0.0	3	0.0	3	0.0	1	0.0
Dry Tortugas	n	0.0	n	0.0	n	0.0	n	0.0
Florida Keys	n	0.0	n	0.0	n	0.0	n	0.0
Straits of Florida	n	0.0	n	0.0	n	0.0	n	0.0
Atchafalaya Riv. B.	n	0.0	13	0.1	n	0.0	13	0.1
Everglades Nat. Pk.	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 1	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 2	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 3	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 4	n	0.0	n	0.0	n	0.0	n	0.0
Gulf Segment 5	n	0.0	n	0.0	n	0.0	1	0.0
Gulf Segment 6	n	0.0	n	0.0	n	0.0	1	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent.

Table B-18. -- Probabilities (expressed as percent chance) of one or more spills, and the expected number of spills (mean) occurring and contacting land segments over the expected production life of the lease area, within 10 days, for volume scenario number 9.

Land Segment	----- Subplanning Area 11 -----					
	PROPOSED		PROPOSED AND EXISTING		PROPOSED EXISTING & IMPORT	
	Prob	Mean	Prob	Mean	Prob	Mean
3	n	0.0	n	0.0	1	0.0
4	n	0.0	n	0.0	3	0.0
5	n	0.0	1	0.0	8	0.1
6	n	0.0	n	0.0	14	0.1
7	n	0.0	1	0.0	9	0.1
8	n	0.0	4	0.0	11	0.1
9	n	0.0	6	0.1	22	0.3
10	n	0.0	14	0.2	44	0.6
11	n	0.0	5	0.0	47	0.6
12	n	0.0	27	0.3	40	0.5
13	n	0.0	24	0.3	24	0.3
14	n	0.0	25	0.3	25	0.3
15	n	0.0	3	0.0	3	0.0
16	n	0.0	55	0.8	66	1.1
17	n	0.0	45	0.6	73	1.3
18	n	0.0	25	0.3	27	0.3
19	7	0.1	85	1.9	88	2.1
20	n	0.0	36	0.4	40	0.5
21	n	0.0	2	0.0	19	0.2
22	n	0.0	1	0.0	6	0.1
23	n	0.0	n	0.0	2	0.0
37	2	0.0	2	0.0	2	0.0

Note: n = less than 0.5 percent; ** = greater than 99.5 percent. Segments with less than 0.5 percent probability of one or more contacts within 30 days are not shown.

Appendix C

LAND

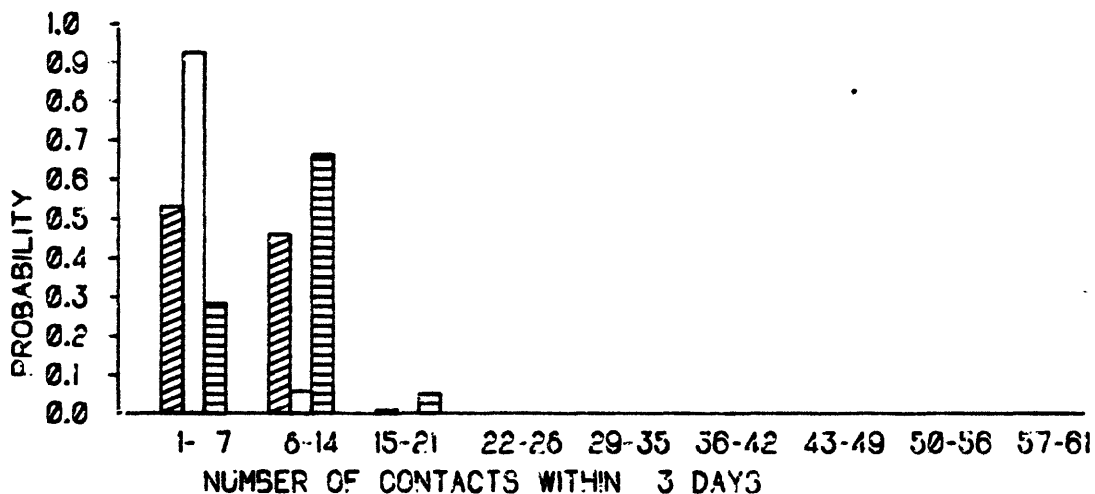
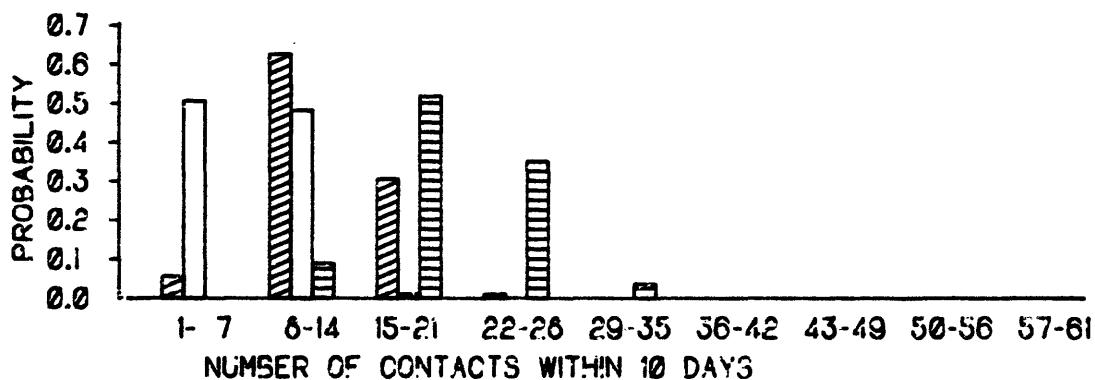
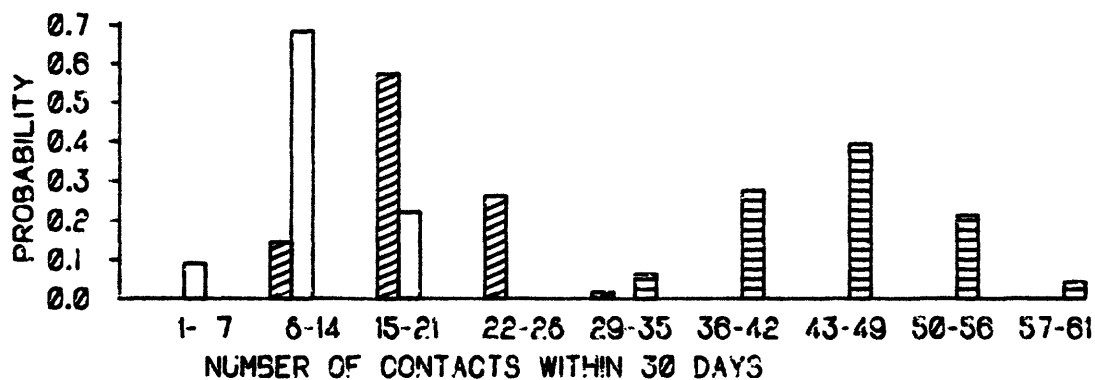
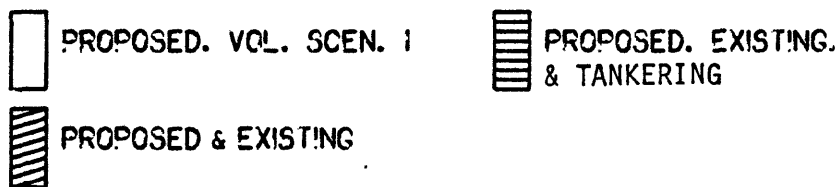


Figure C-1.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting land as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

COASTAL INLET AREAS

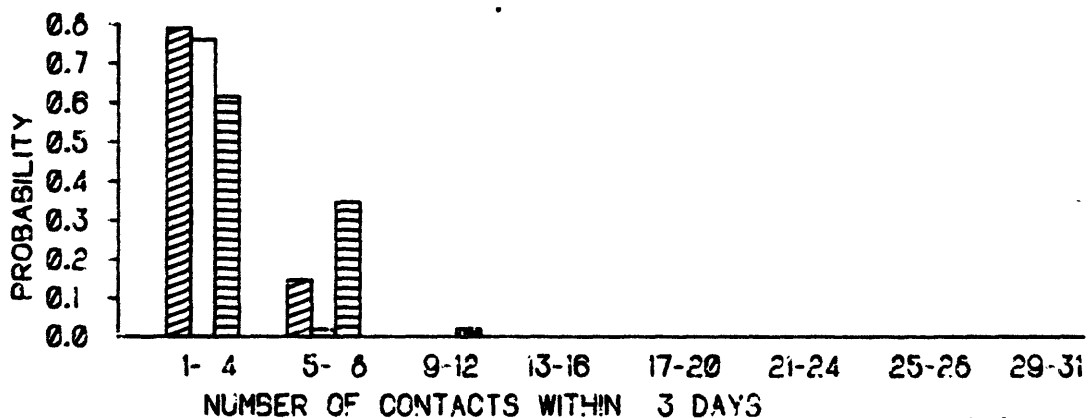
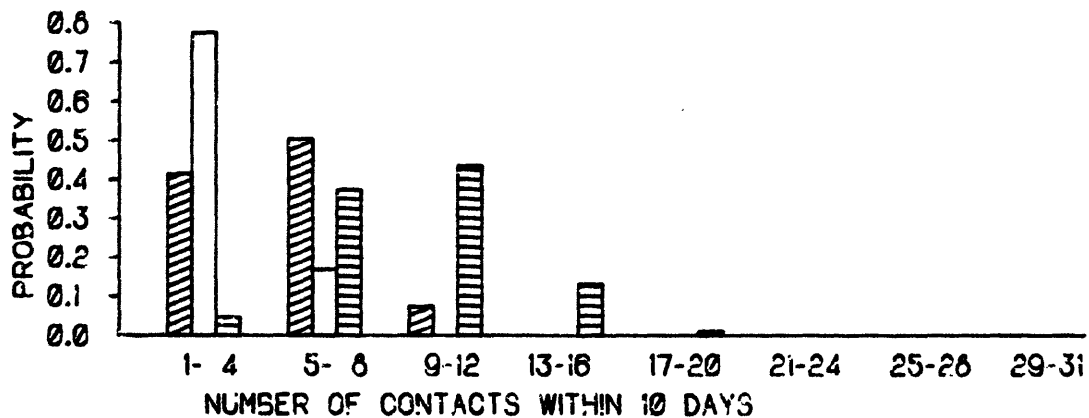
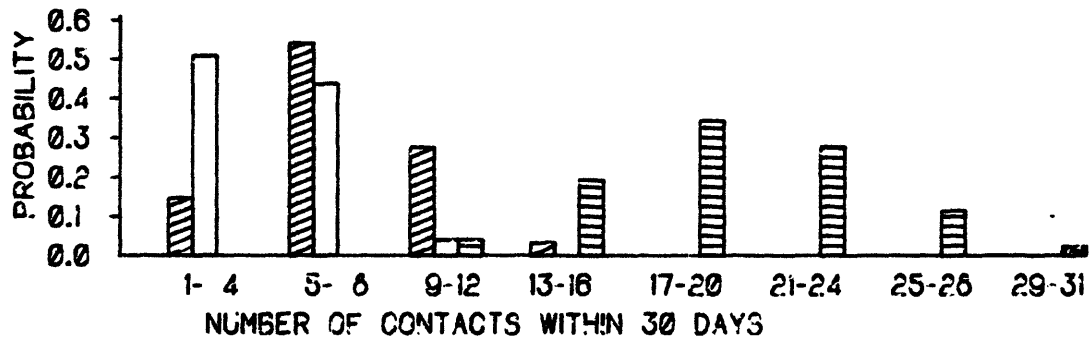
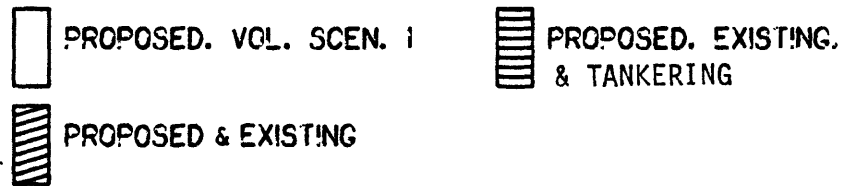


Figure C-2.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting coastal inlet areas as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

SEA GRASS BEDS .

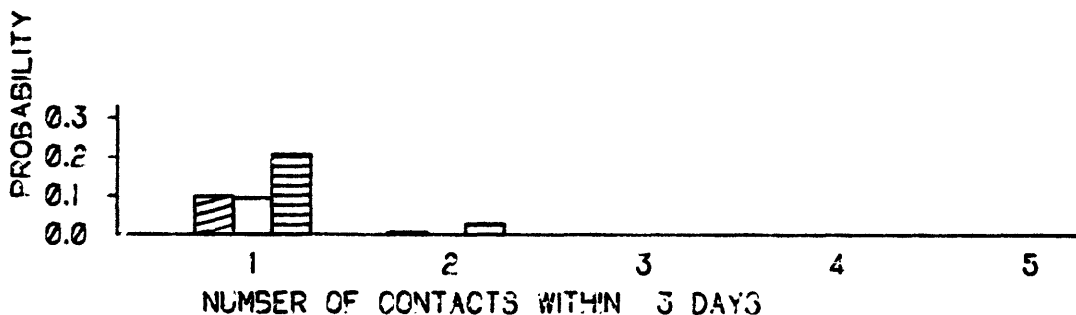
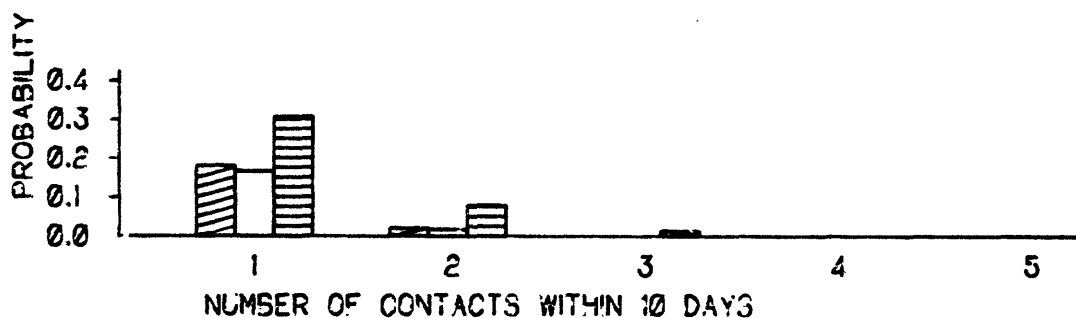
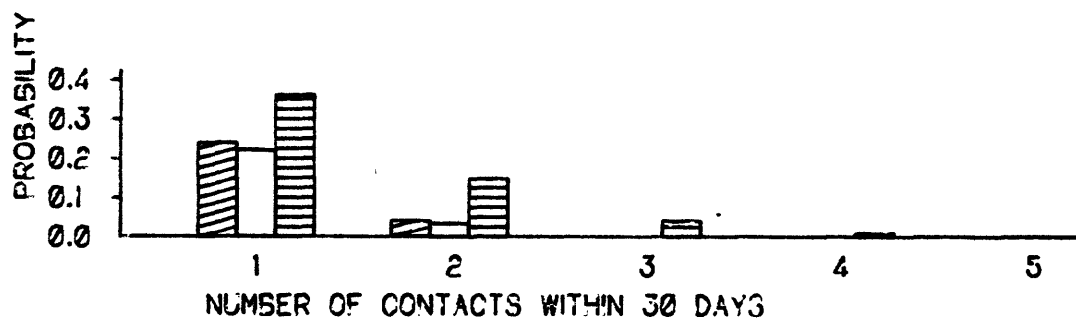
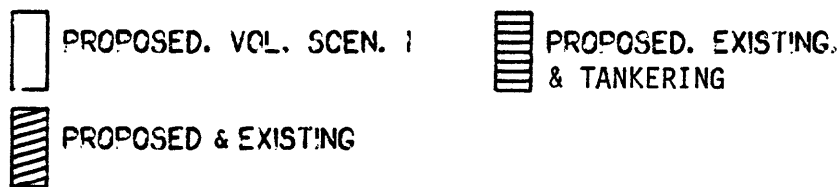


Figure C-3.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting sea grass beds as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

FLOWER GARDEN BANKS

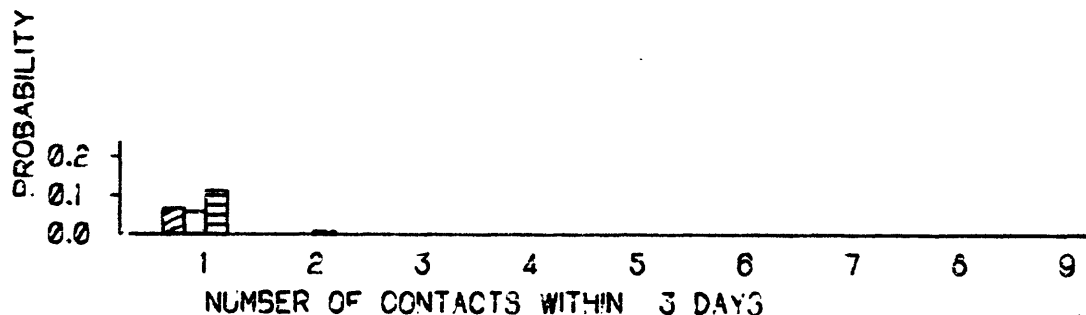
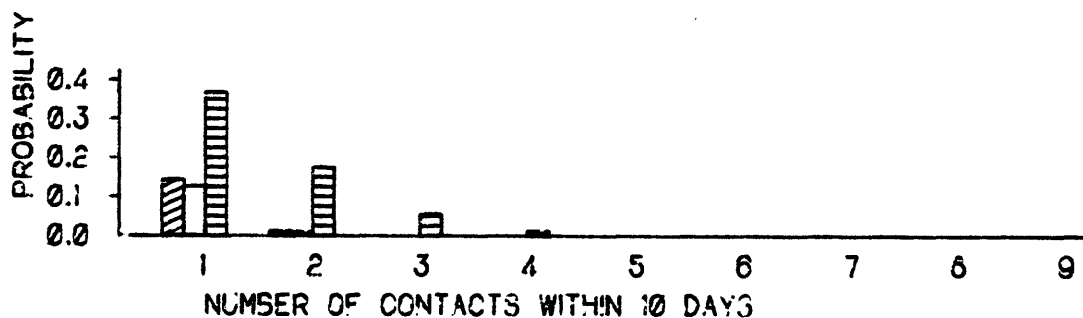
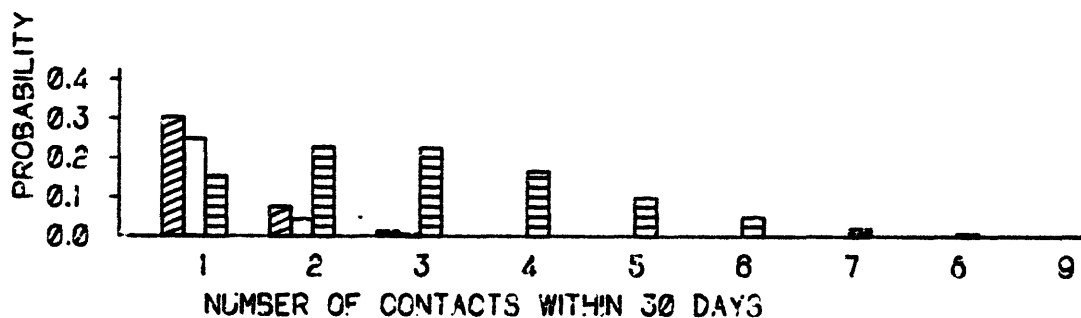
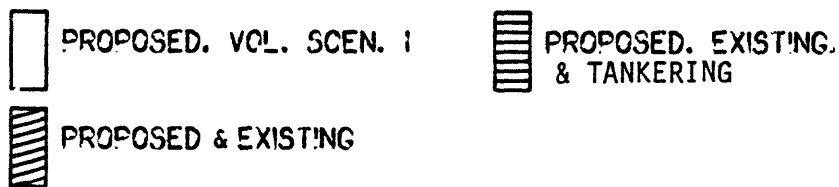


Figure C-4.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Flower Garden Banks as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

ENV. PRESER. AREAS

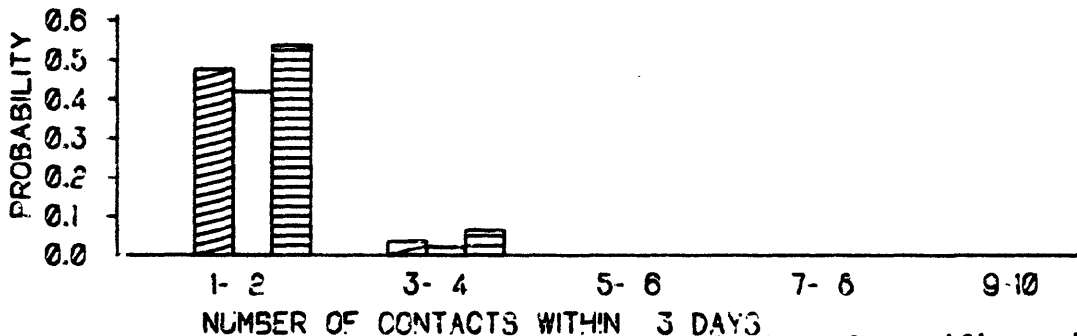
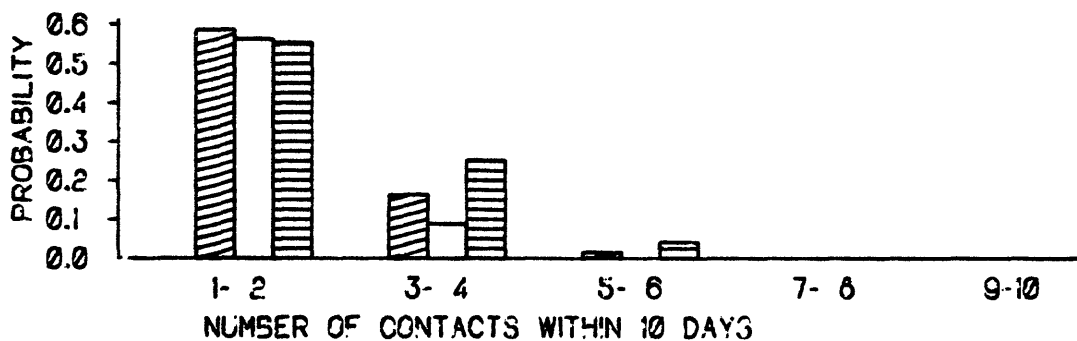
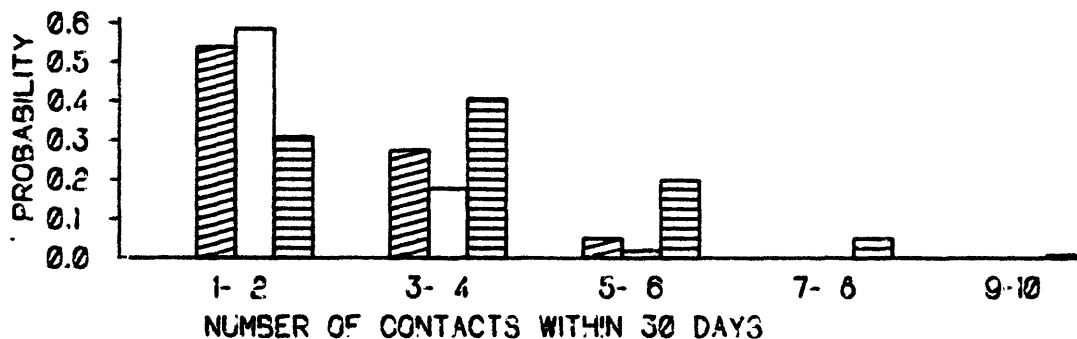
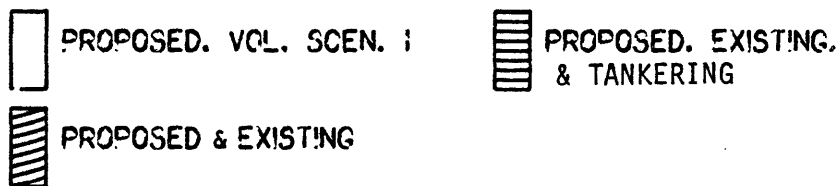


Figure C-5.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting environmental preservation areas as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

TX BEACHES

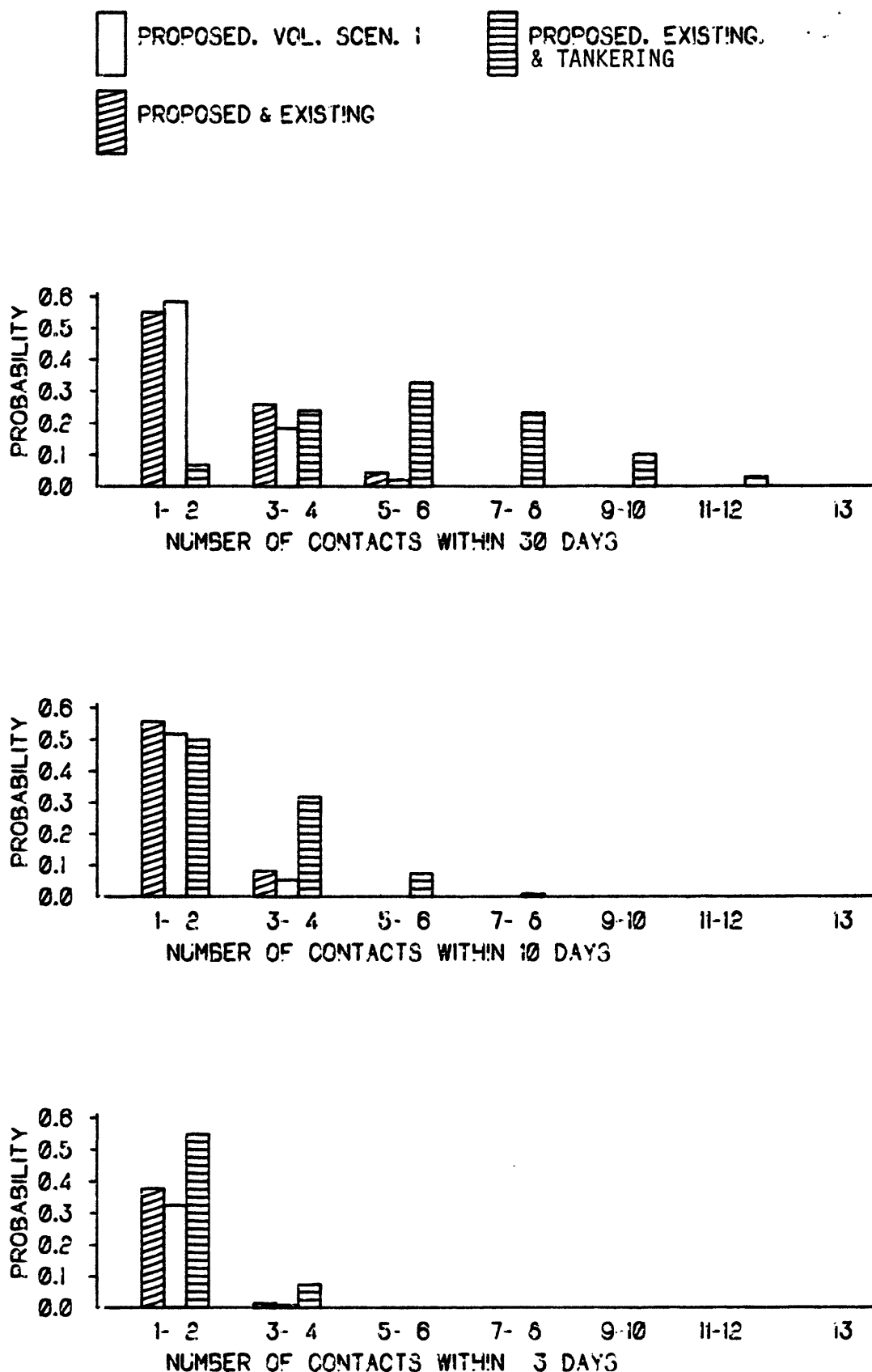


Figure C-6.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting major Texas beaches as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

LA BEACHES

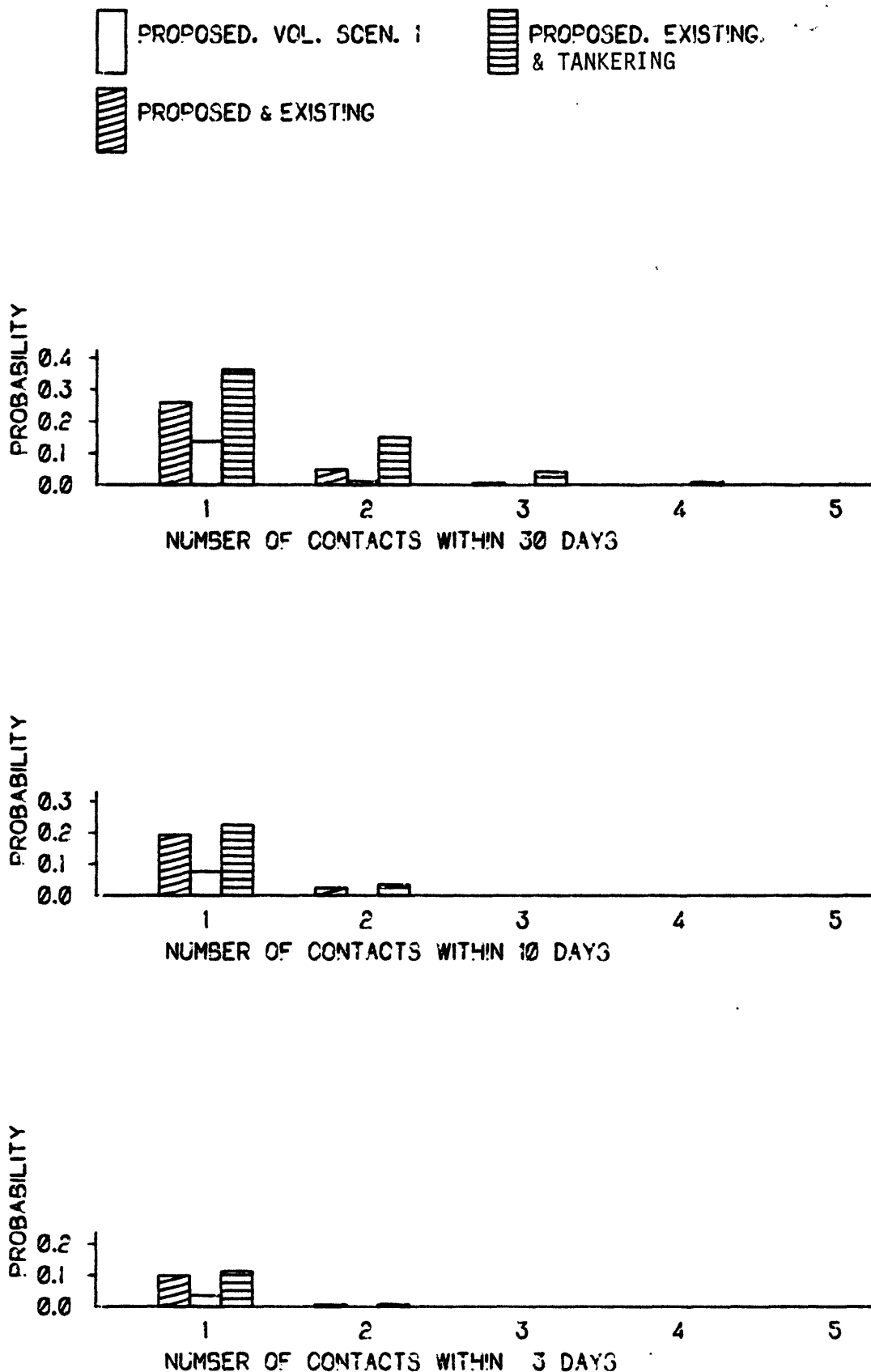


Figure C-7.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting major Louisiana beaches as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

MISSISSIPPI BEACHES

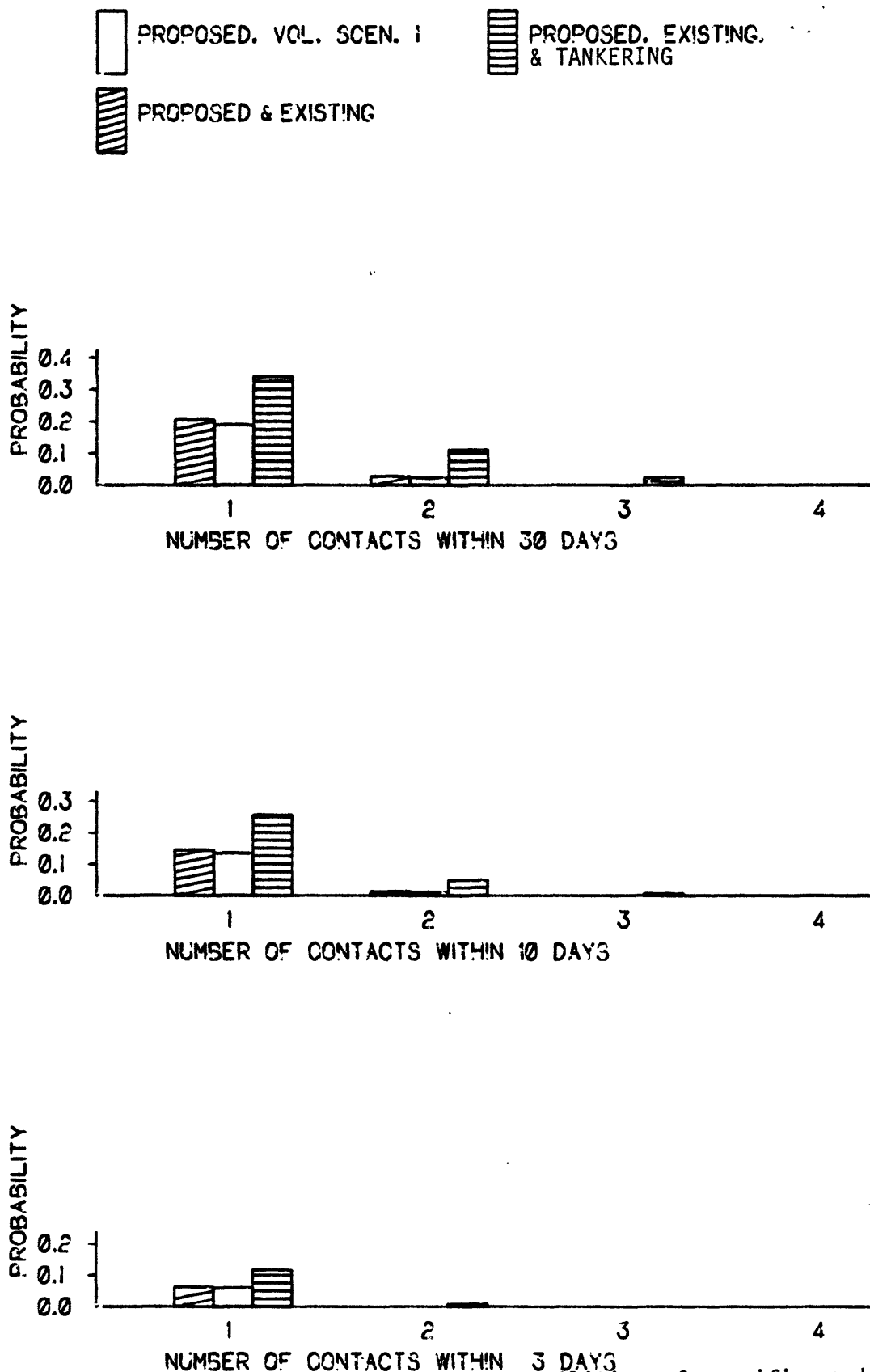


Figure C-8.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting major Mississippi beaches as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

AL BEACHES

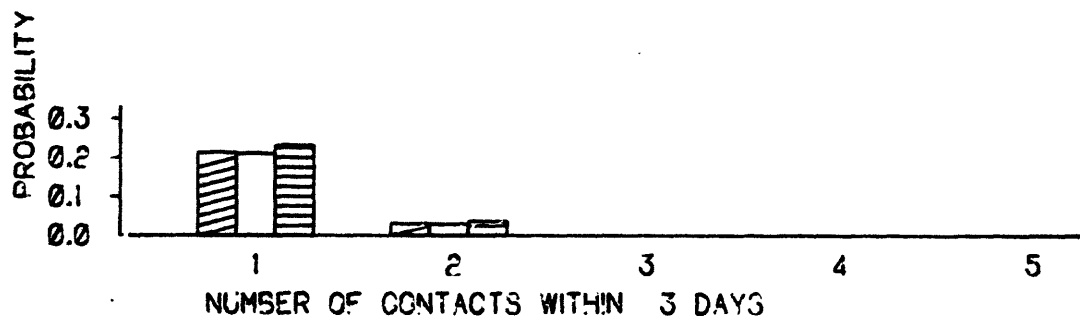
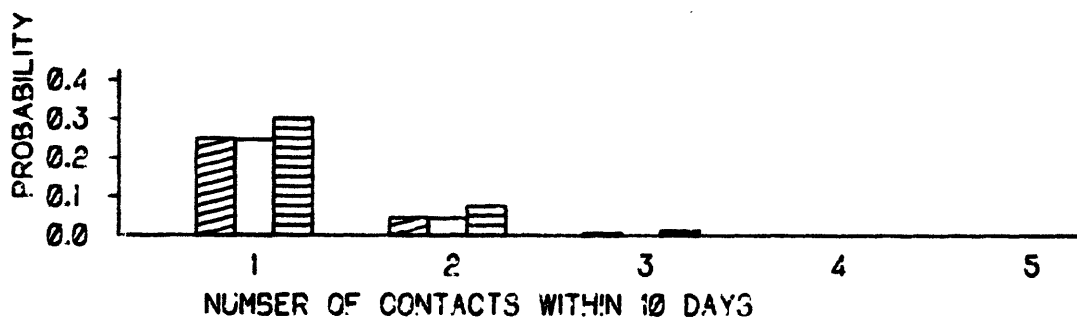
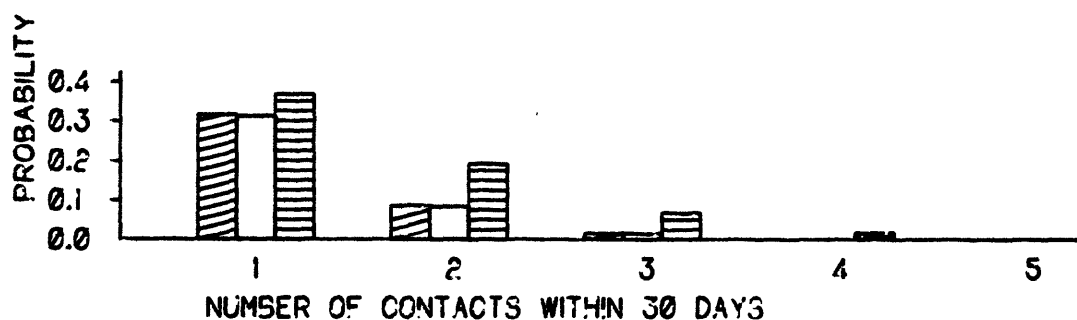
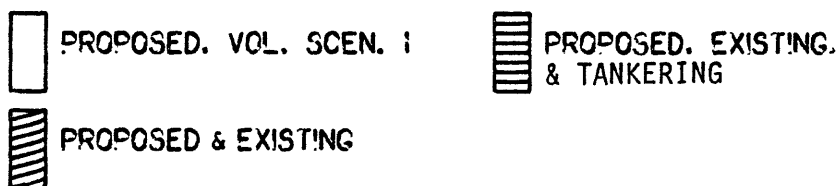


Figure C-9.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting major Alabama beaches as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

FL BEACHES

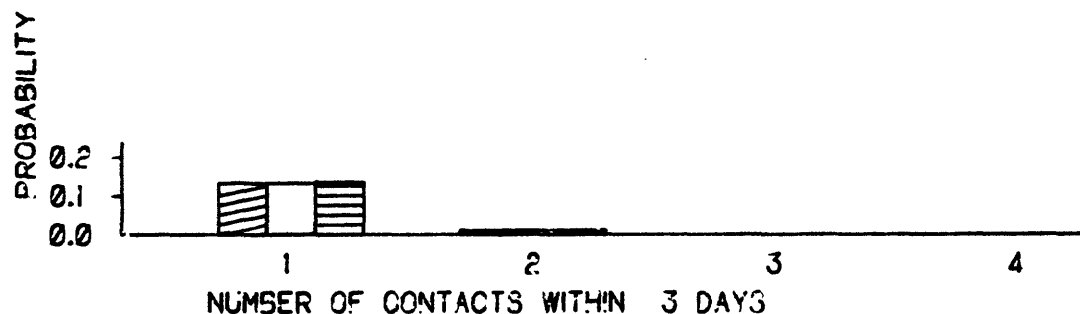
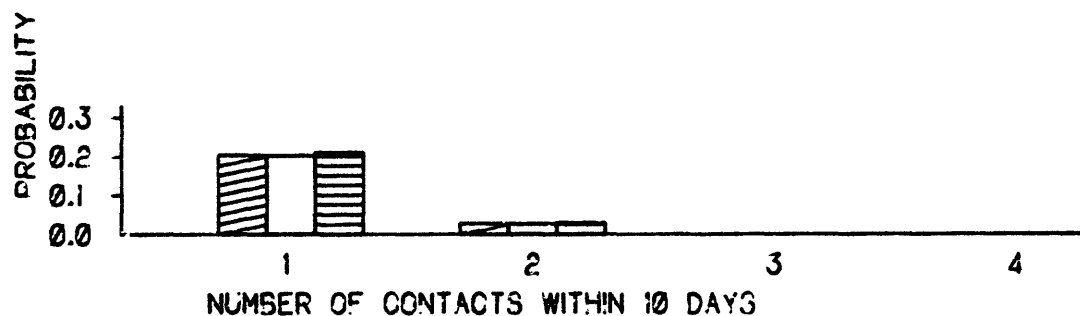
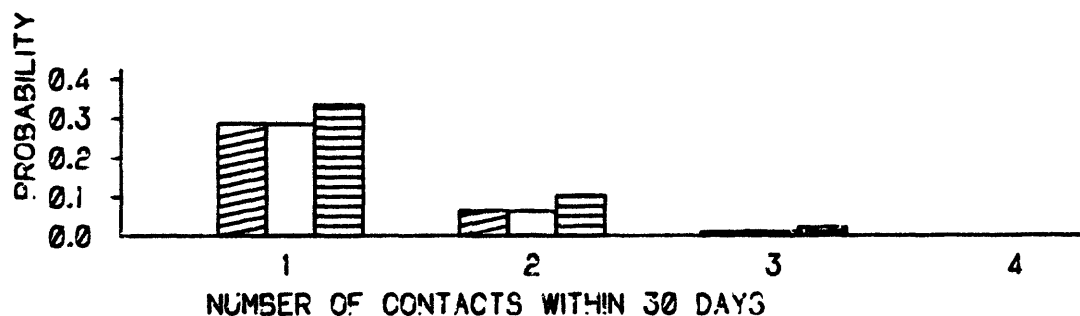
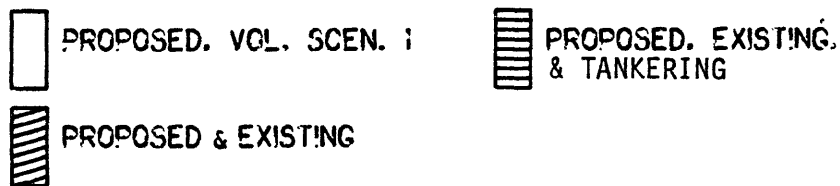


Figure C-10.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting major Florida beaches as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

GULF BEACHES

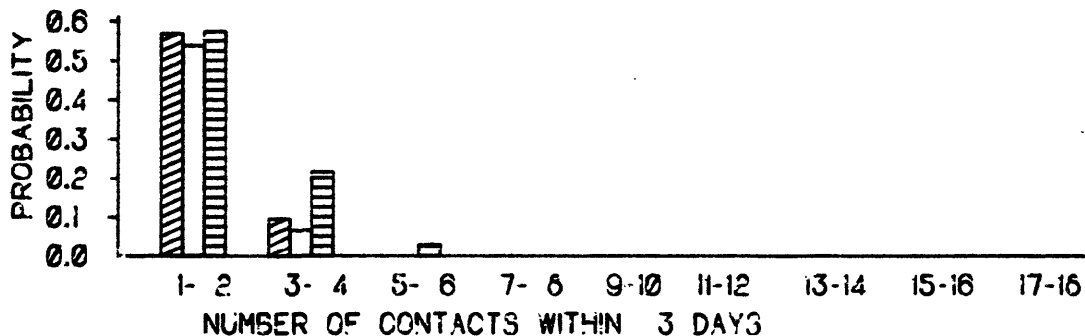
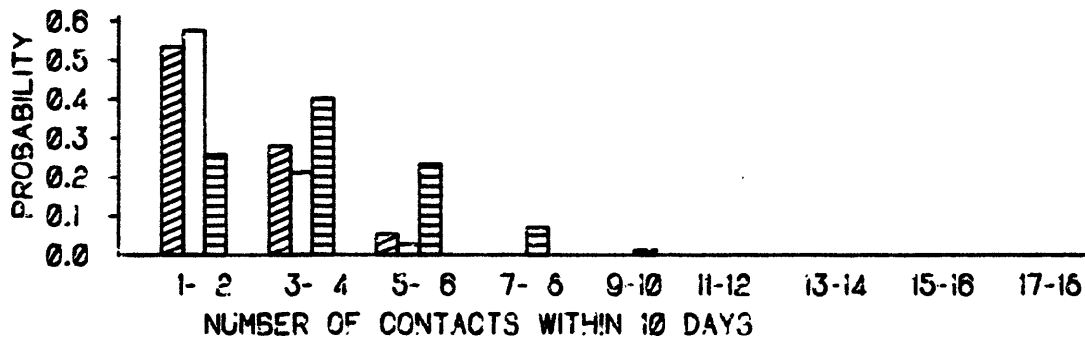
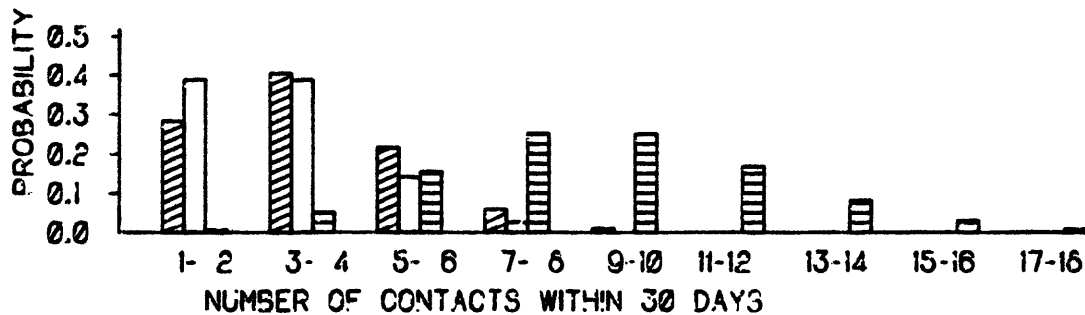
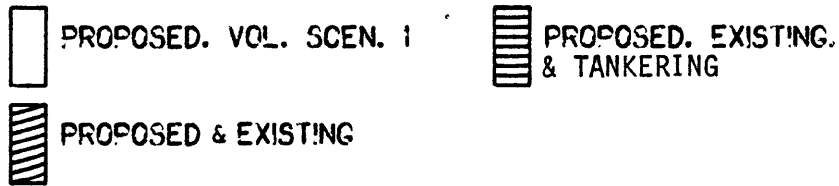


Figure C-11.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting major Gulf beaches as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

HIST./PREH. SITES

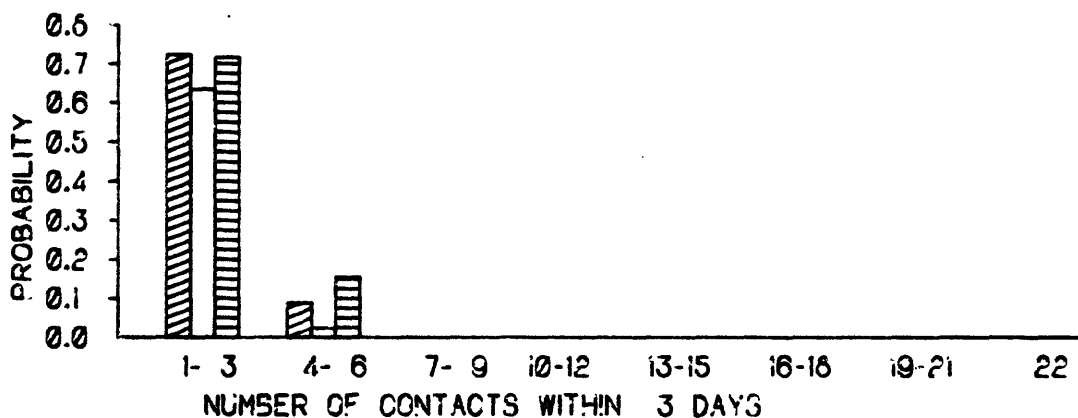
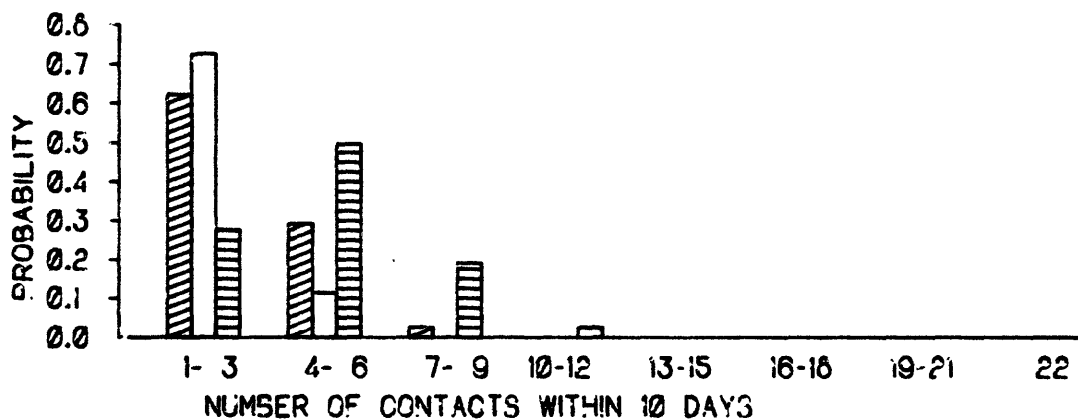
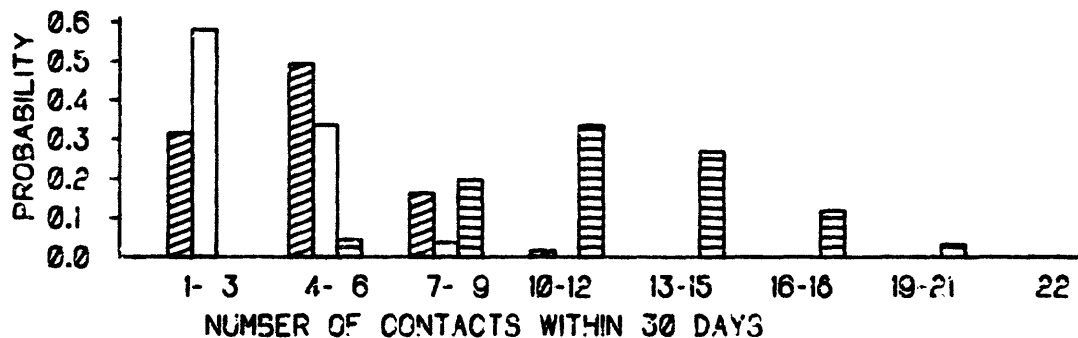
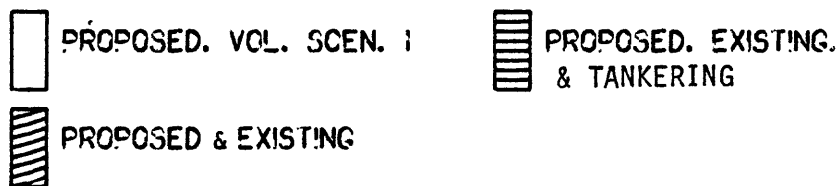


Figure C-12.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting historic and prehistoric sites as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

BROWN PELICANS

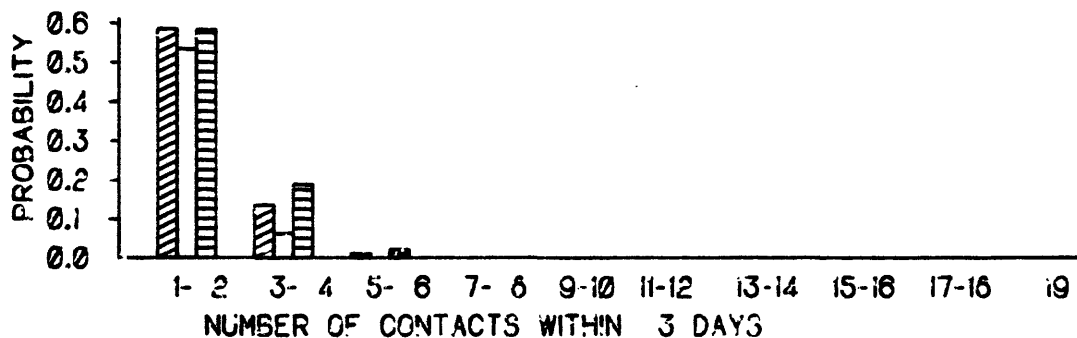
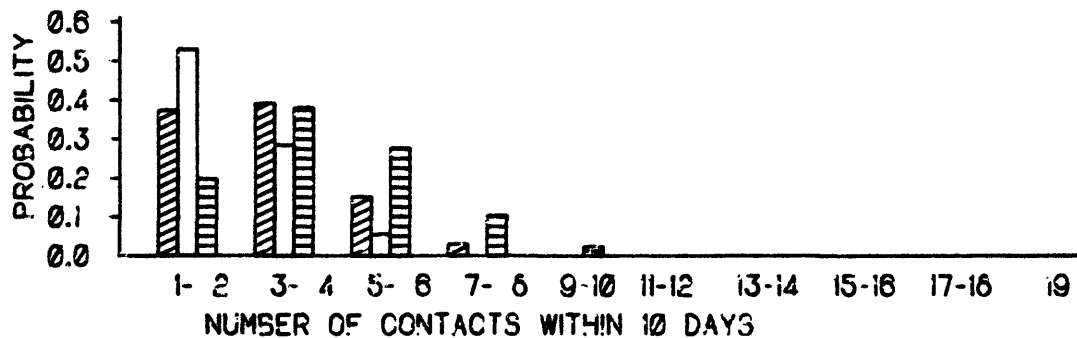
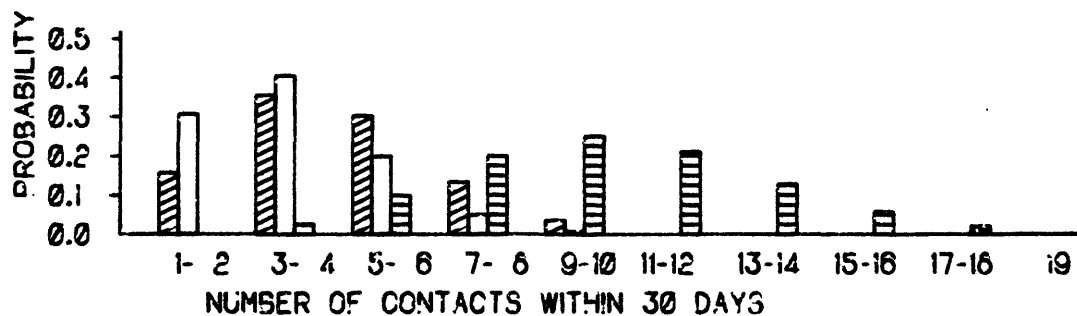
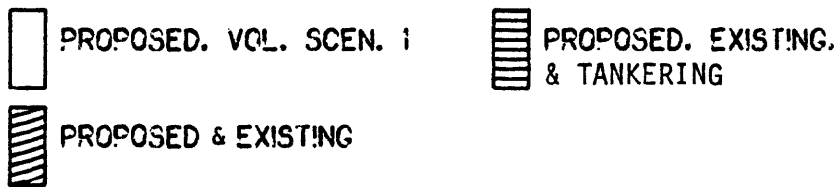


Figure C-13.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting brown pelican rookeries as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

WHOOPING CRANES

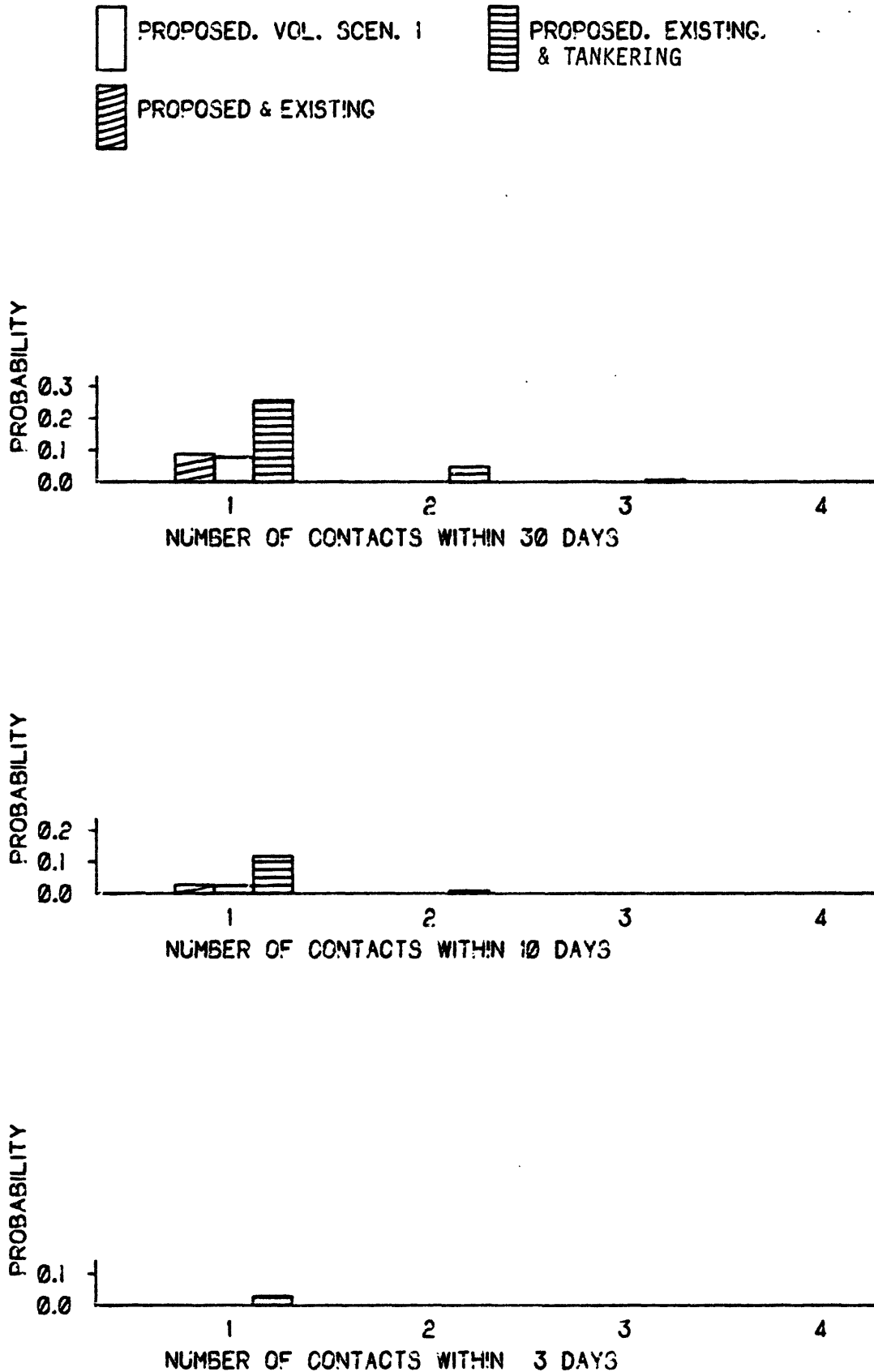


Figure C-14.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting whooping crane area as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

SEA TURTLES

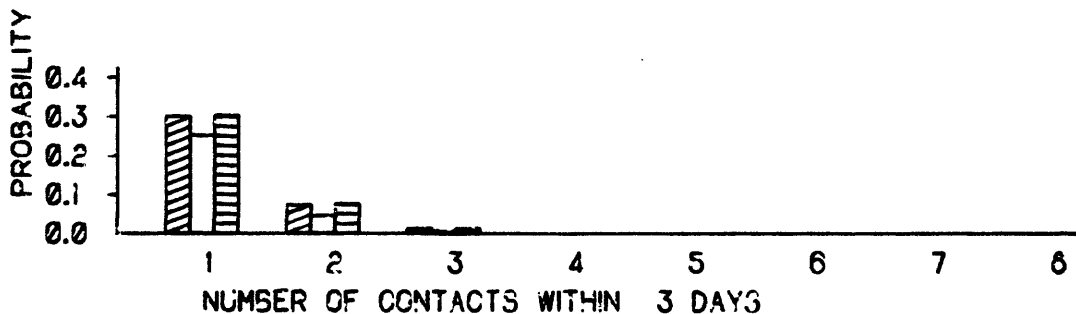
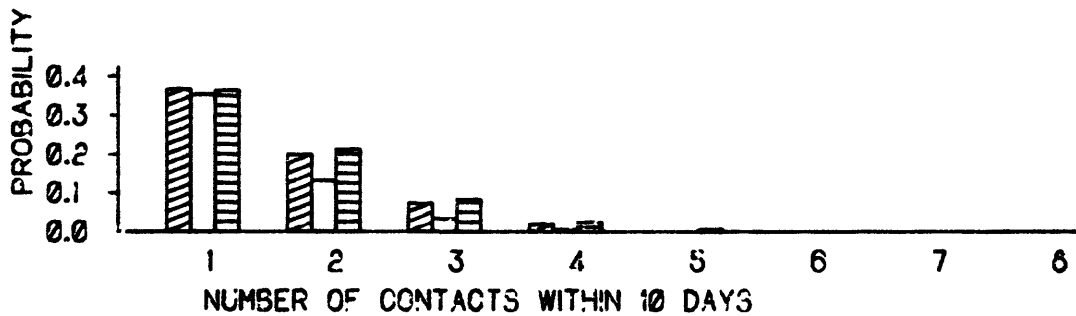
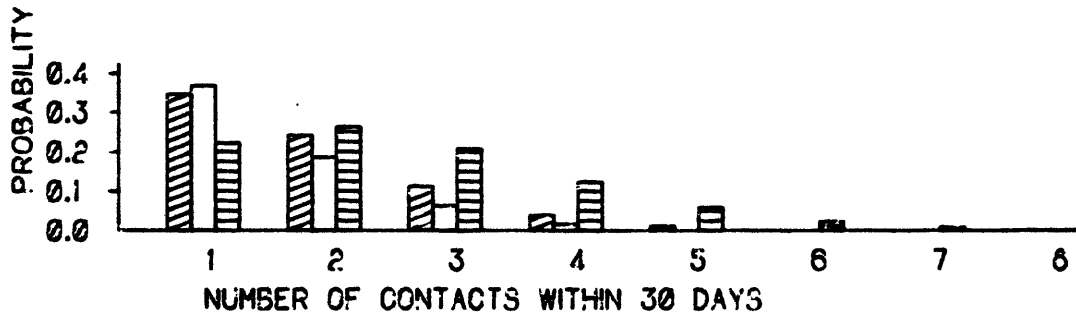
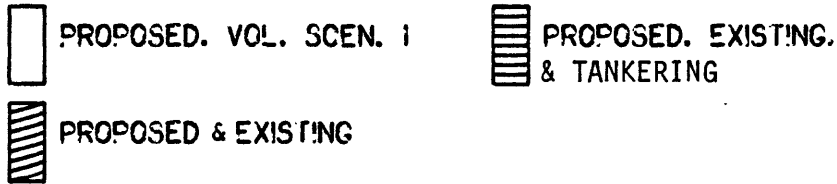


Figure C-15.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting sea turtle nesting beaches as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

MANATEE HAS.

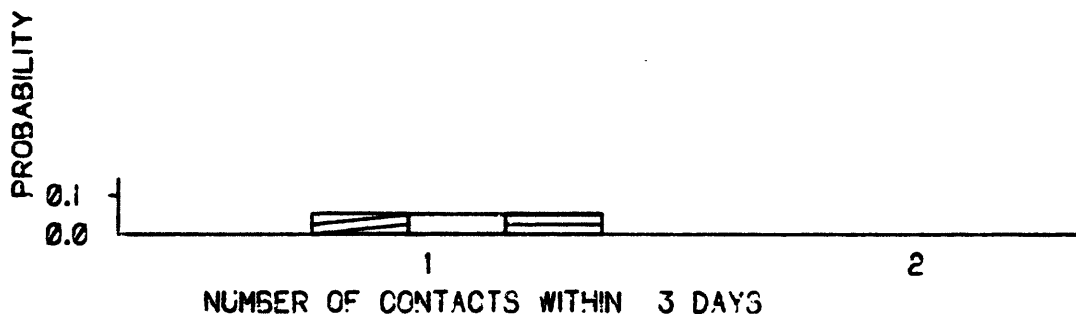
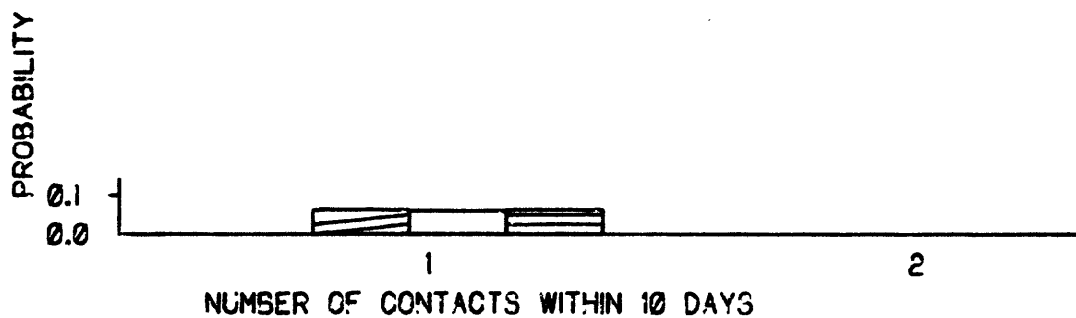
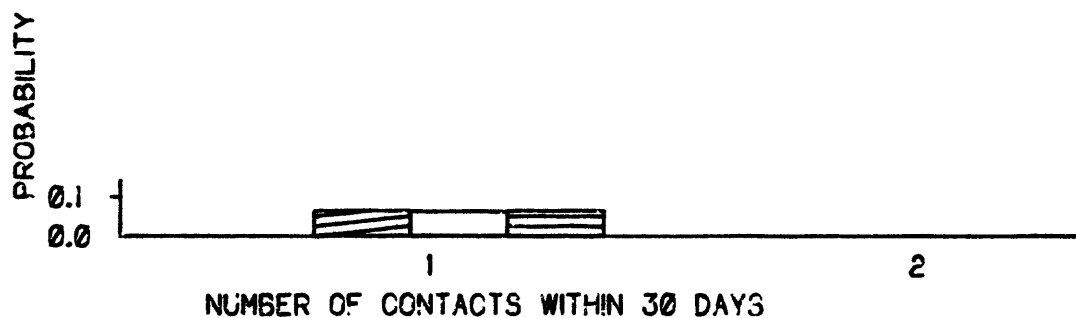
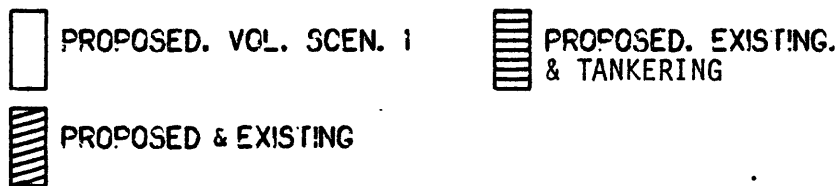


Figure C-16.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting manatee habitats as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

DRY TORTUGAS

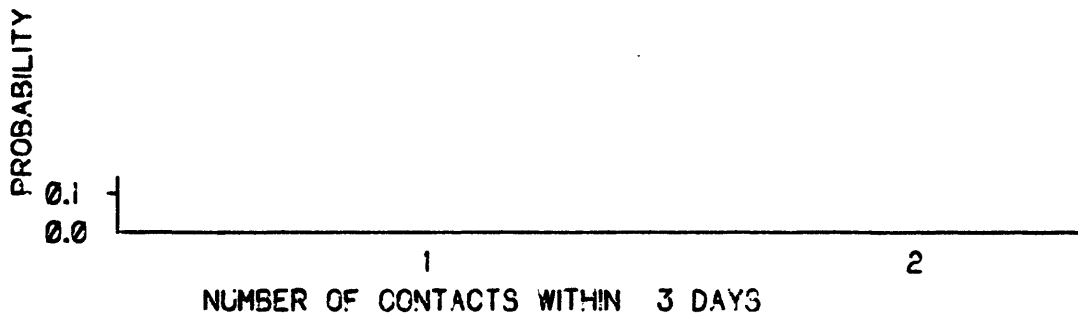
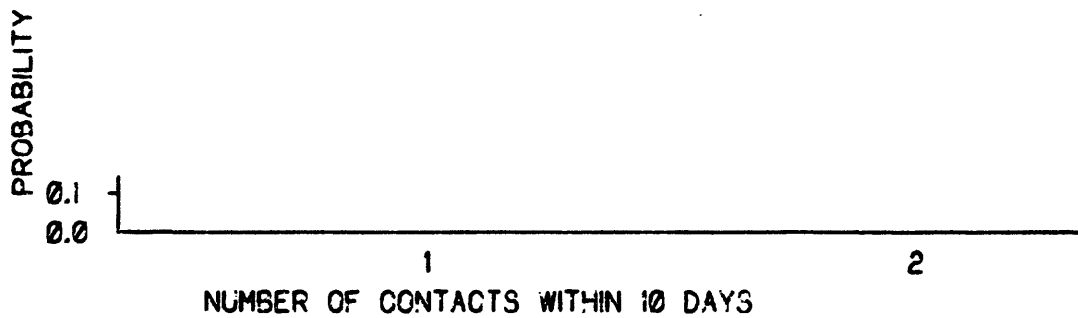
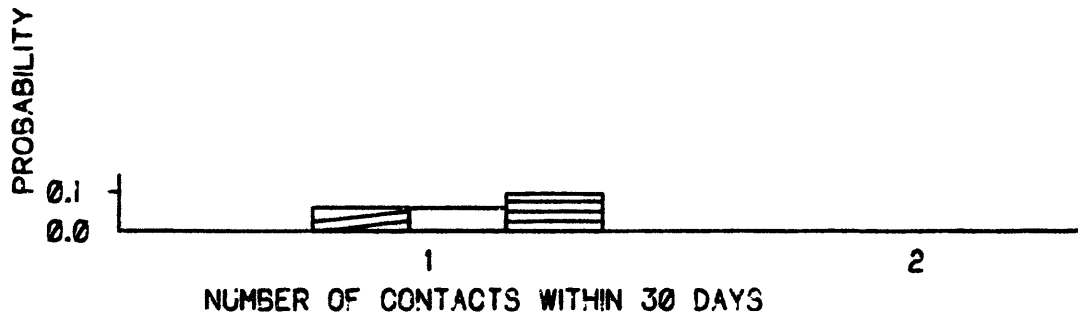
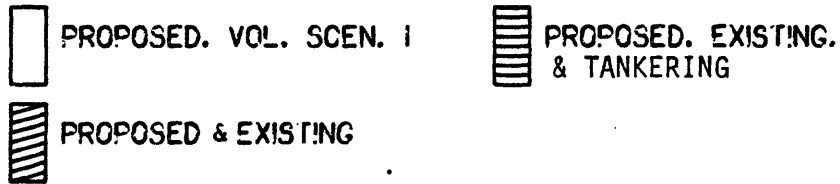


Figure C-17.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Dry Tortugas as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

ATCHAFALAYA RIV. B.

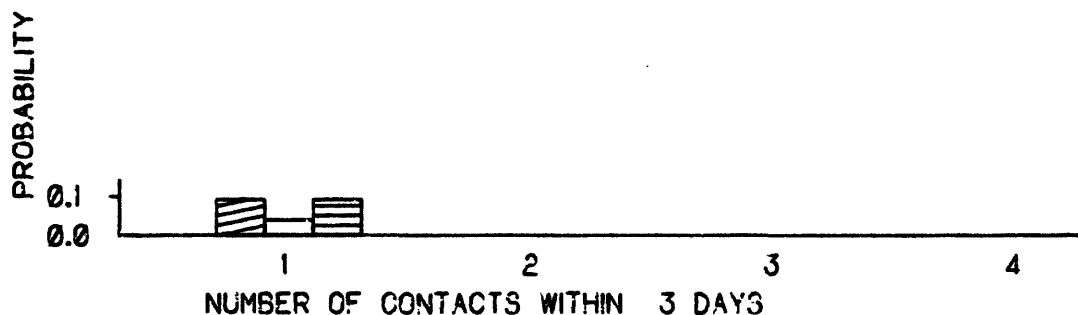
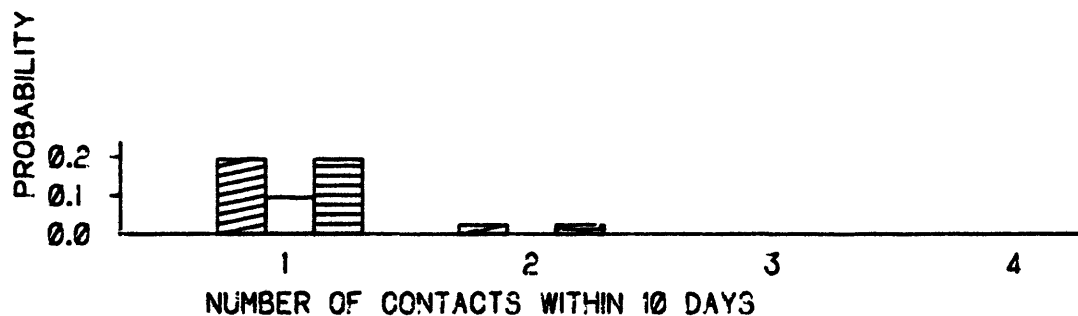
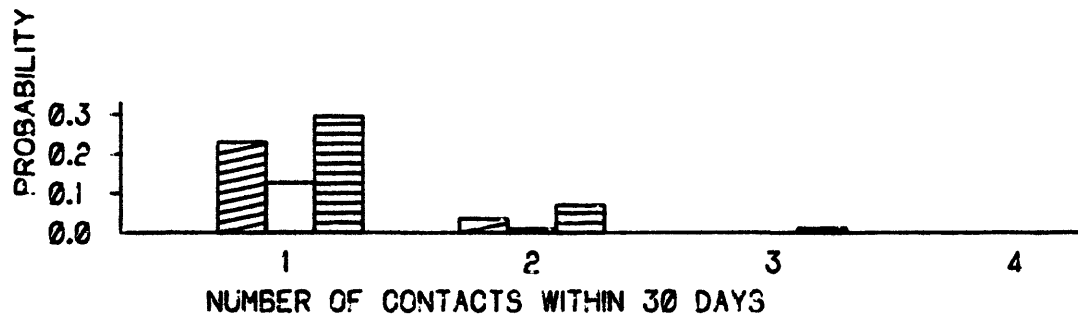
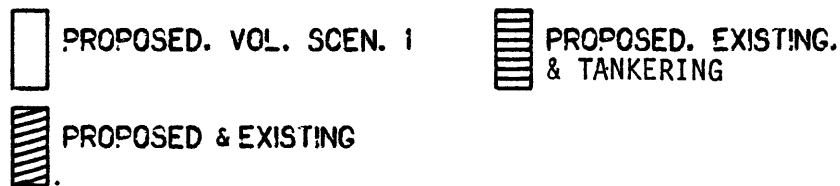


Figure C-18.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Atchafalaya River Basin as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

GULF SEGMENT 2

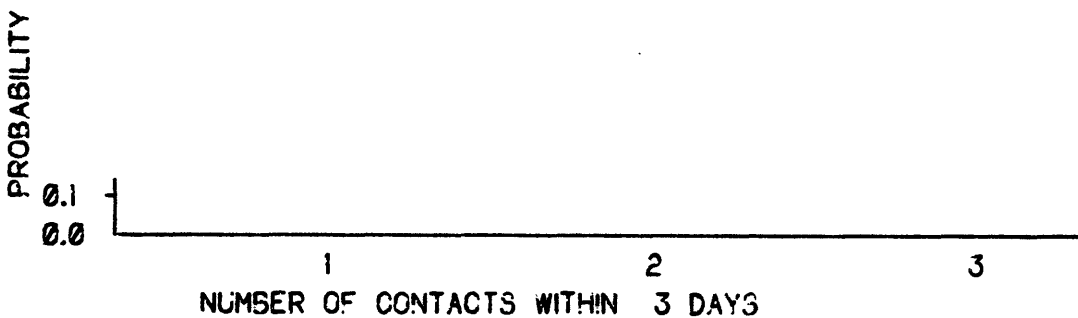
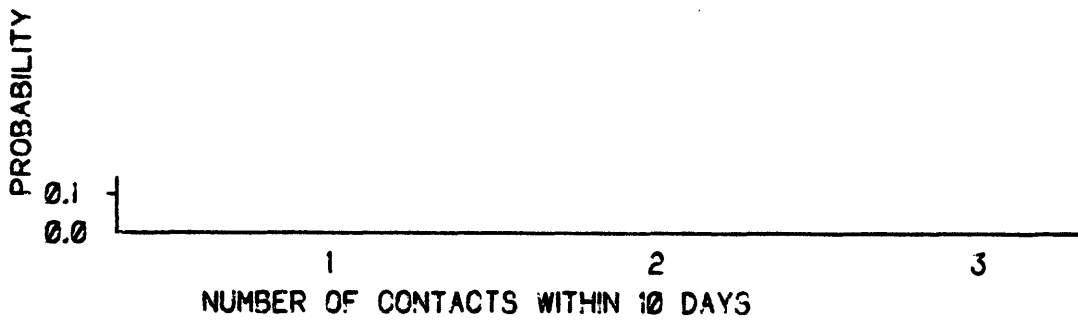
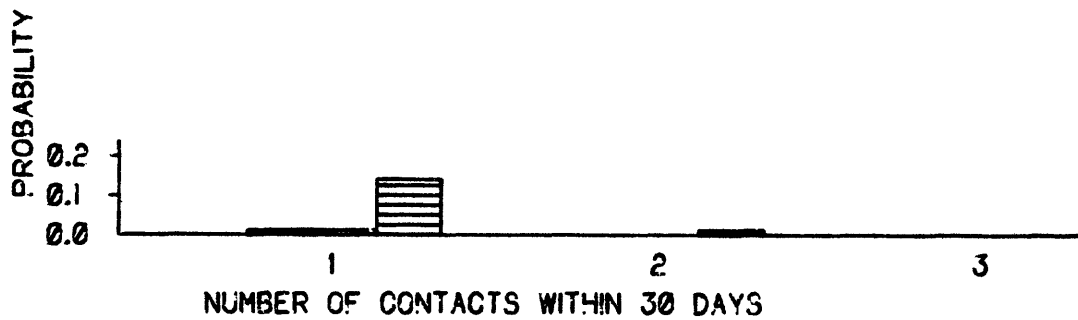
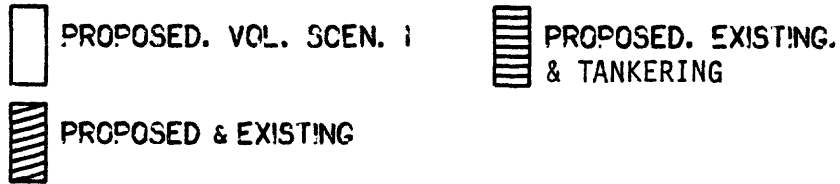


Figure C-19.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Gulf segment 2 as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

GULF SEGMENT 3

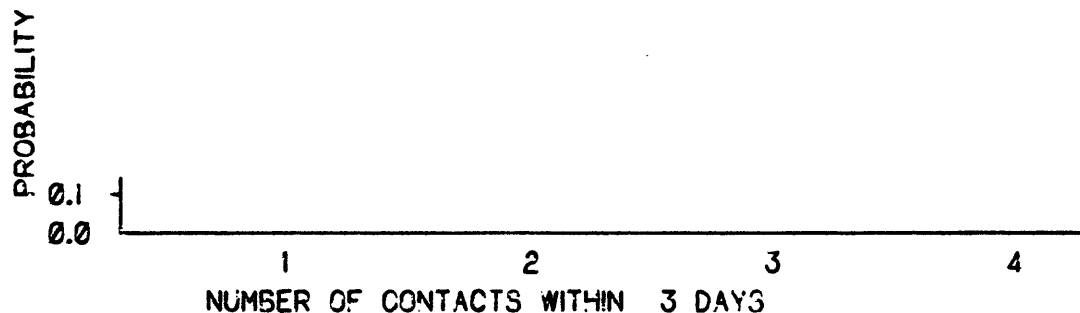
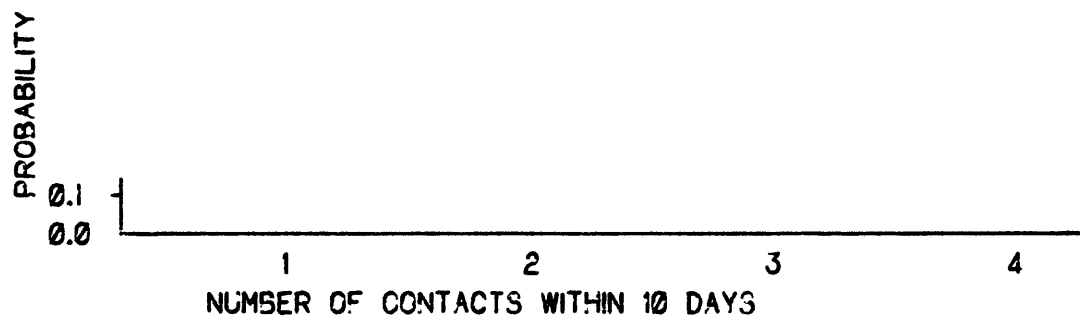
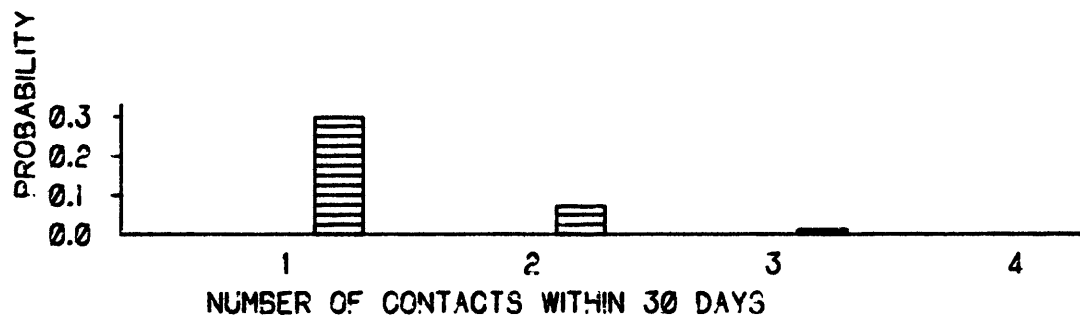
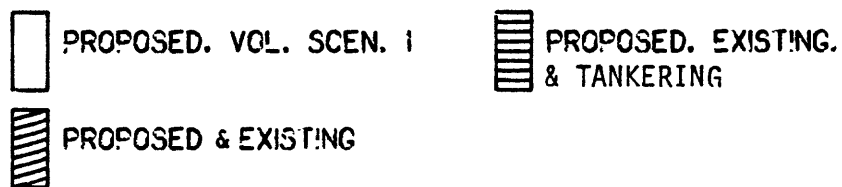


Figure C-20.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Gulf segment 3 as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

GULF SEGMENT 4

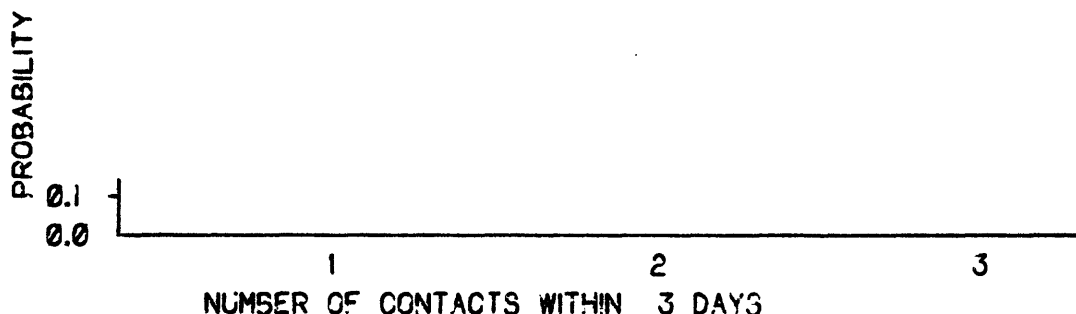
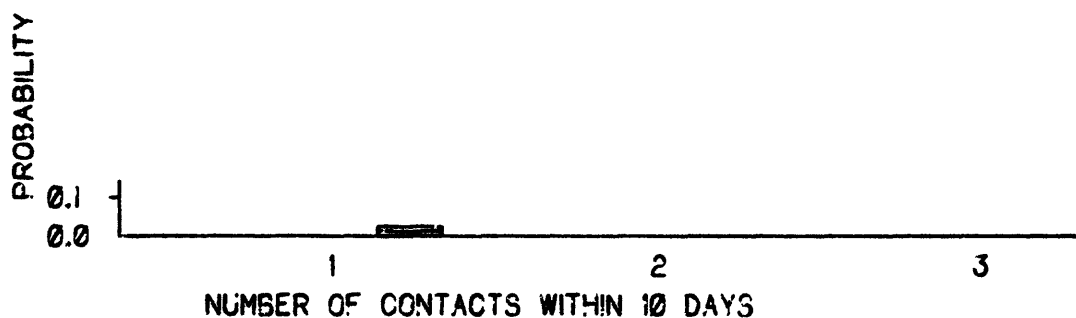
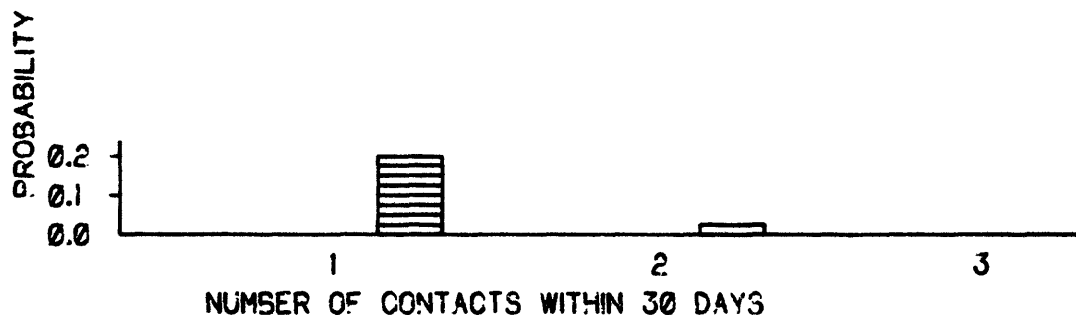
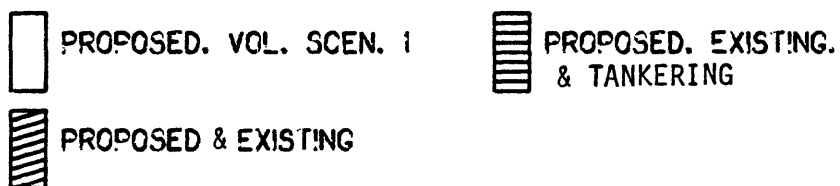


Figure C-21.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Gulf segment 4 as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

GULF SEGMENT 5

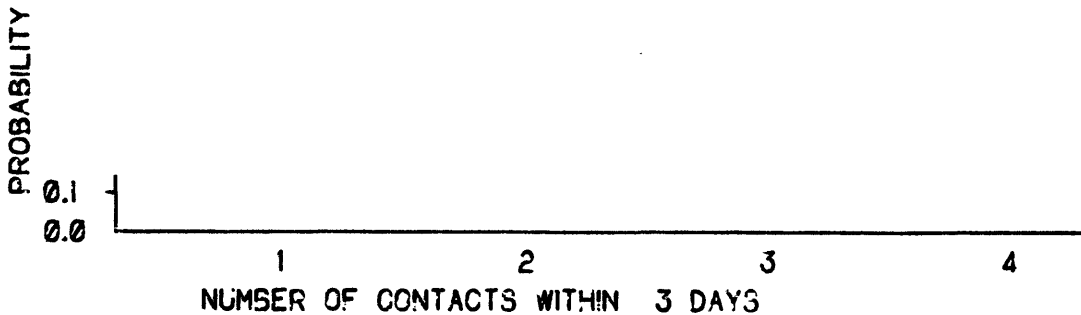
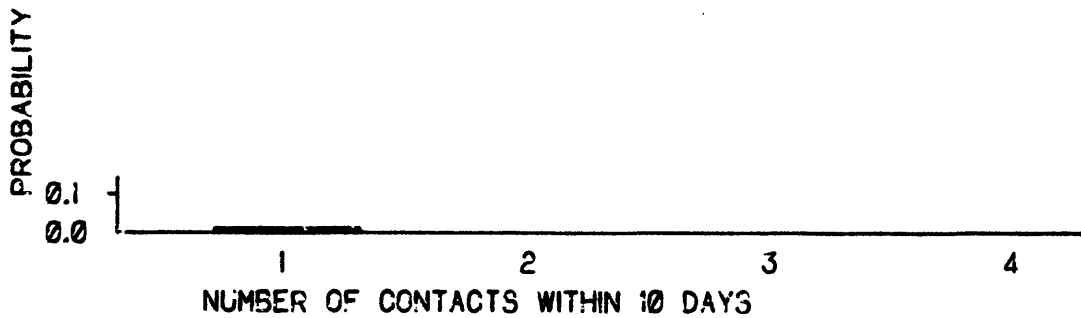
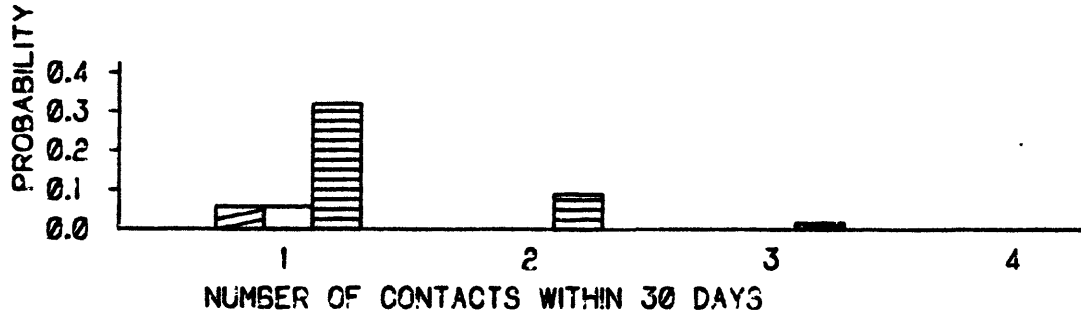
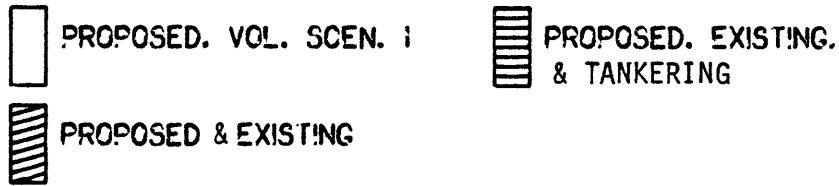


Figure C-22.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Gulf segment 5 as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

GULF SEGMENT 6

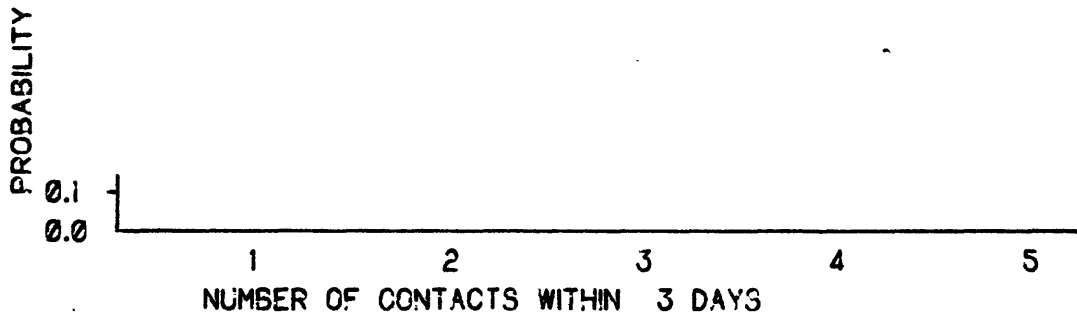
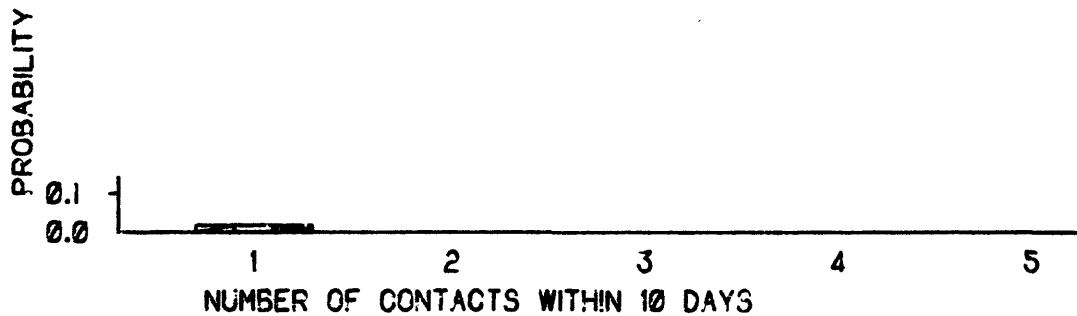
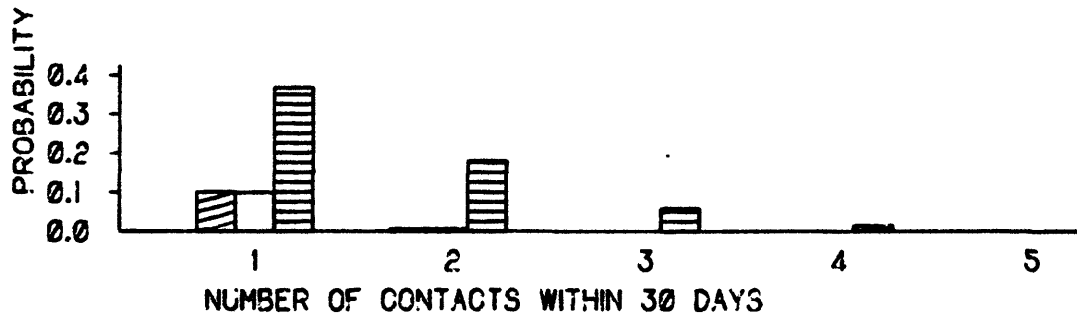
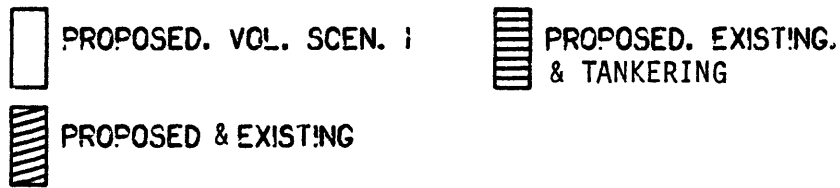


Figure C-23.--Histograms showing the probabilities of specific numbers of oilspills occurring and contacting Gulf segment 6 as a result of proposed leasing action (volume scenario 1), existing leases, and tankering of imported oil through the study area.

Appendix D

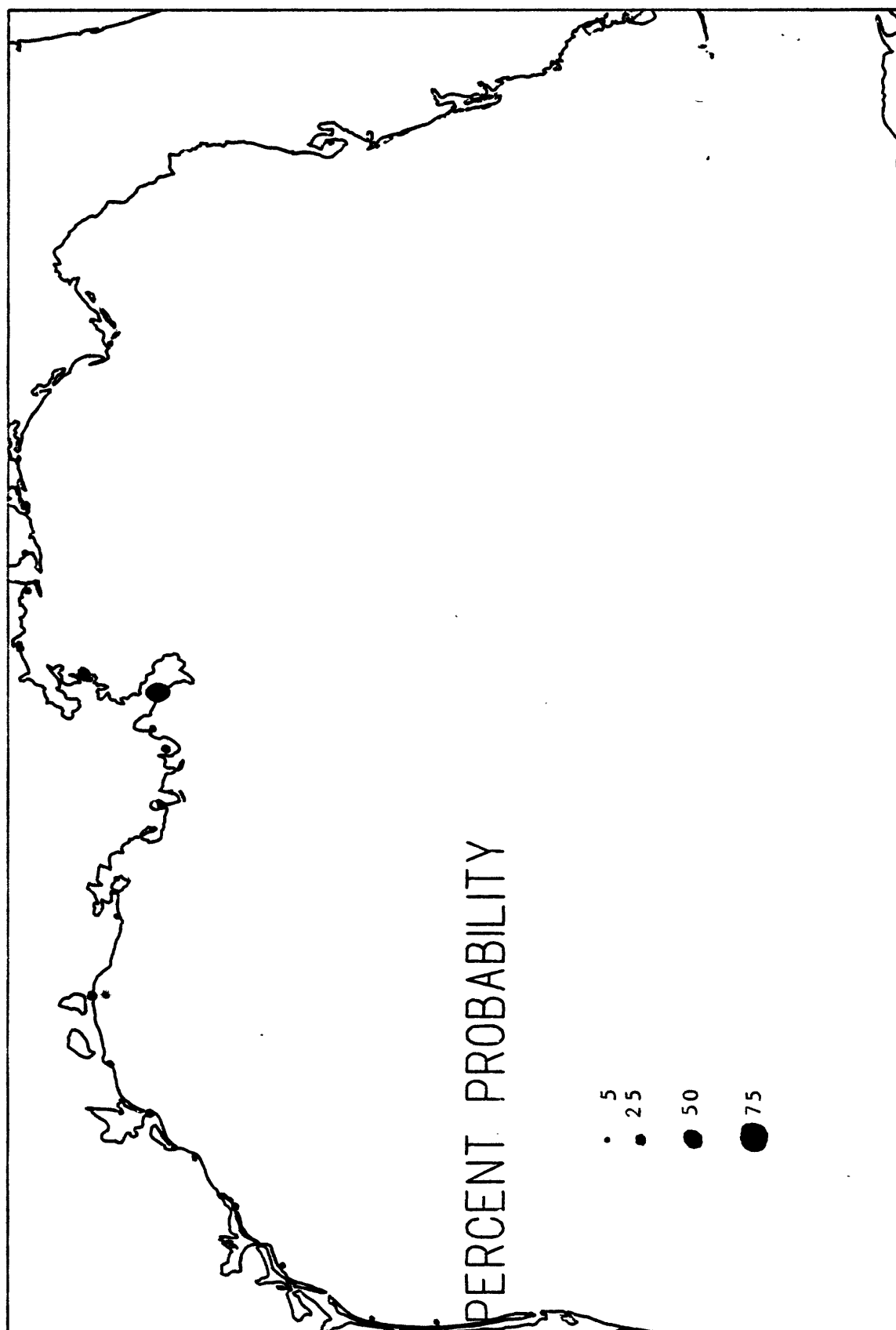


Figure D-1.--Map showing the probability (expressed as percent chance) of one or more spills occurring and contacting sections of the coastline within 3 days for Gulf-wide volume scenario number 1.

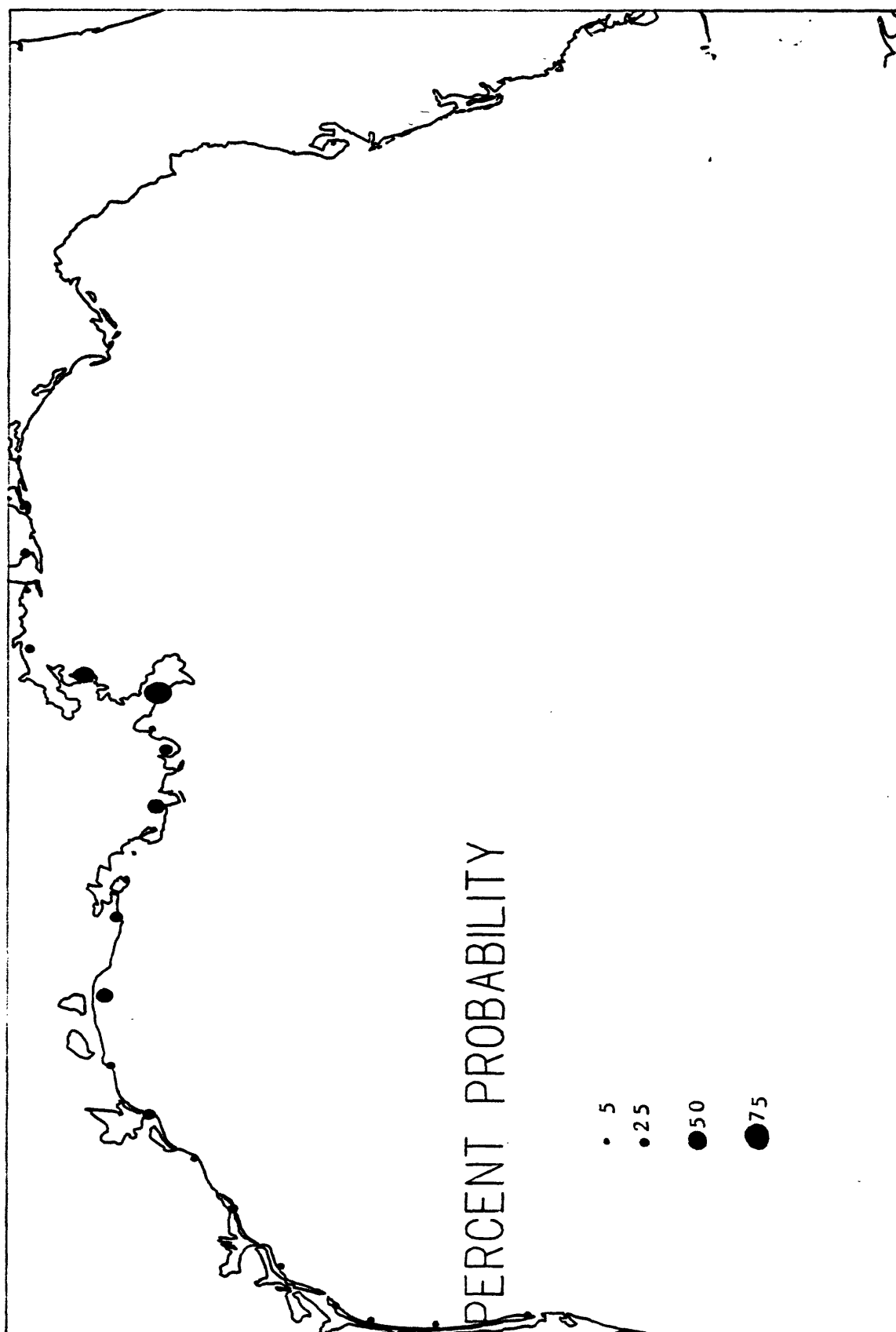


Figure D-2.--Map showing the probability (expressed as percent chance) of one or more spills occurring and contacting sections of the coastline within 10 days for Gulf-wide volume scenario number 1.

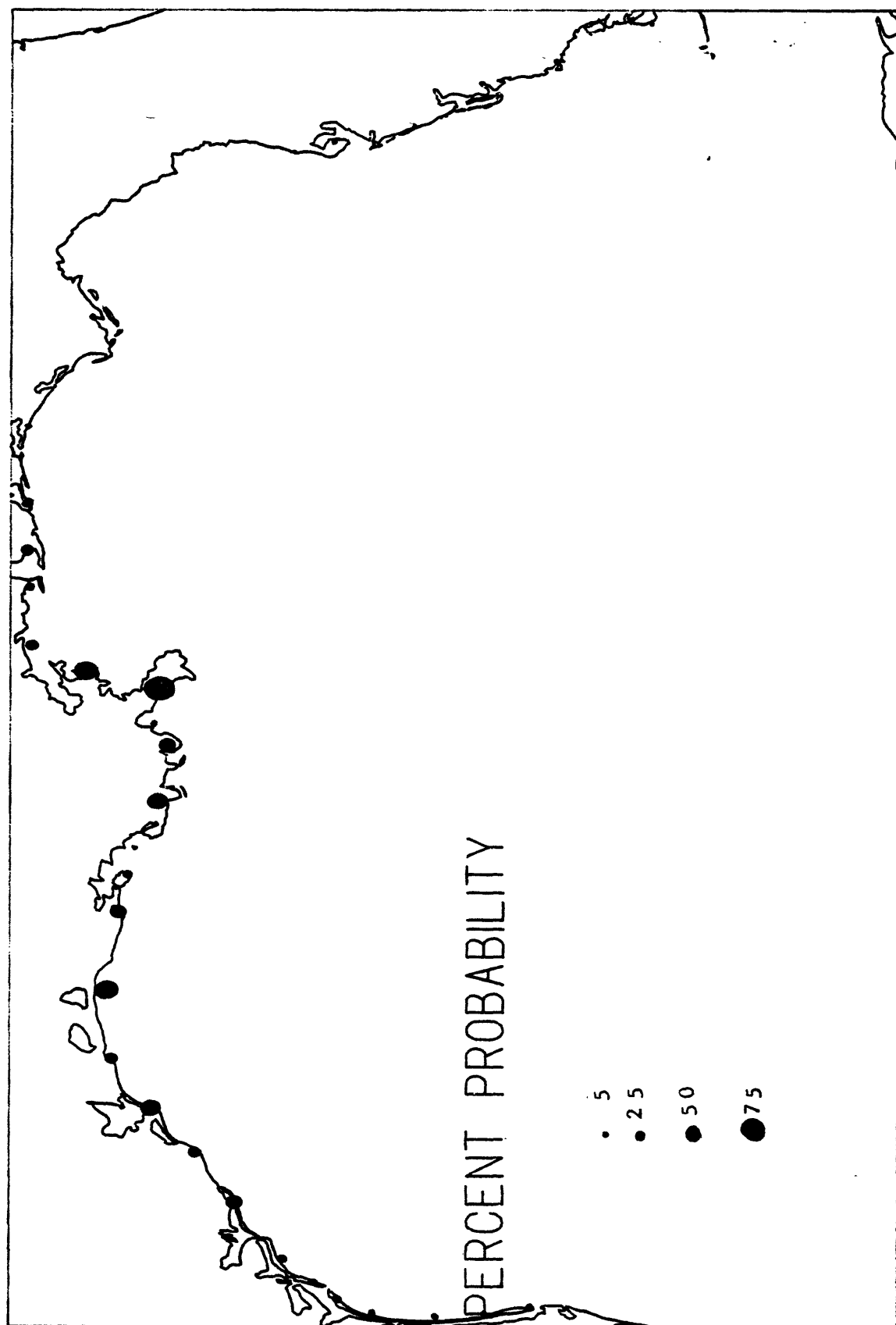


Figure D-3.--Map showing the probability (expressed as percent chance) of one or more spills occurring and contacting sections of the coastline within 30 days for Gulf-wide volume scenario number 1.