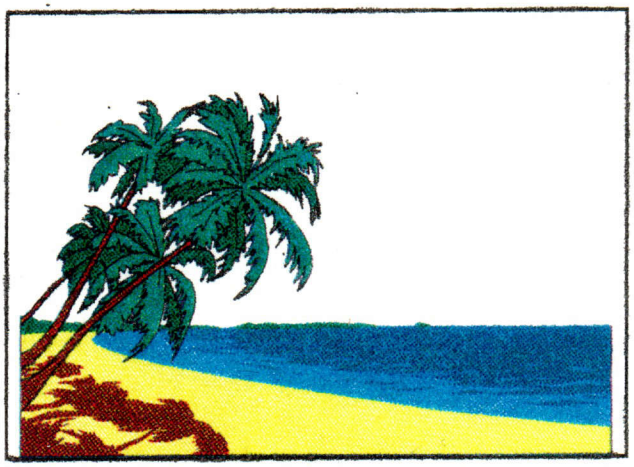
TREASURE COAST REGION
HURRICANE EVACUATION STUDY

TECHNICAL DATA REPORT



INDIAN RIVER COUNTY
ST. LUCIE COUNTY
MARTIN COUNTY
PALM BEACH COUNTY

CORPS OF ENGINEERS
FEDERAL EMERGENCY MANAGEMENT AGENCY
NOAA NATIONAL HURRICANE CENTER
FLORIDA DIVISION OF EMERGENCY MANAGEMENT

1994

TREASURE COAST REGION
HURRICANE EVACUATION STUDY

TECHNICAL DATA REPORT

INDIAN RIVER COUNTY
ST. LUCIE COUNTY
MARTIN COUNTY
PALM BEACH COUNTY

CORPS OF ENGINEERS
FEDERAL EMERGENCY MANAGEMENT AGENCY
NOAA NATIONAL HURRICANE CENTER
FLORIDA DIVISION OF EMERGENCY MANAGEMENT

TECHNICAL DATA REPORT

TREASURE COAST REGION
HURRICANE EVACUATION STUDY

TABLE OF CONTENTS

LIST OF TABLES

CHAPTER ONE

INTRODUCTION

GENERAL

One of the most hurricane vulnerable areas of the United States is the southeastern region of Florida. This region includes the Treasure Coast, which is comprised of Indian River, St. Lucie, Martin, and Palm Beach Counties. Historically there has been a high frequency of hurricanes which have affected this region of Florida, either directly or indirectly. The tracks of the primary storms affecting the region are shown in the documentation of the Hazards Analysis - Appendix B.

PURPOSE

The purpose of this Study is to provide emergency management officials with realistic data, quantifying the major factors involved in hurricane evacuation decision-making. The technical data presented in this report are not intended to replace the detailed operations plans developed by each of the counties and municipalities within the Study area. Rather, these data will provide a framework within which each county can update and revise their hurricane evacuation plan and from which operational procedures and guides can be developed for future hurricane threats.

The Treasure Coast Region Hurricane Evacuation Study is a partial update of Lower Southeast Florida Hurricane Evacuation Study. Palm Beach County was included in the previous study. See Figure 1-1 (page 1-4) for the map of the study area. This study utilizes the information from the SLOSH (Sea, Lake, and Overland Surges from Hurricanes) models for the Cape Canaveral Basin (Indian River County) and the Palm Beach Basin (St. Lucie, Martin, and Palm Beach Counties), which were developed by the National Hurricane Center (NHC), National Oceanic and Atmospheric Administration (NOAA). The tremendous development and population growth of the region, necessitated the current work. The

primary emphasis of this study was the identification of life-threatening flooding resulting from hurricanes and the safe evacuation of populations from unsafe areas and conditions within the region.

FUNDING

The Treasure Coast Region Hurricane Evacuation Study was funded by the Federal Emergency Management Agency, the U. S. Army Corps of Engineers, and the State of Florida Department of Community Affairs, Division of Emergency Management. Local officials and agencies provided their input without direct charge to the study funds.

AUTHORITY

The study authority for the Corps of Engineers is Section 206 of the Flood Control Act of 1960 (Public Law 86-645), and study authority for the Federal Emergency Management Agency is the Disaster Relief Act of 1974 (Public Law 93-288). These laws authorize the allocation of resources for planning activities related to hurricane preparedness. Authority for State of Florida involvement in the study is established by State Emergency Management Act, Chapter 252 (Sections 252.31 through 252.60), Florida Statutes (F.S.).

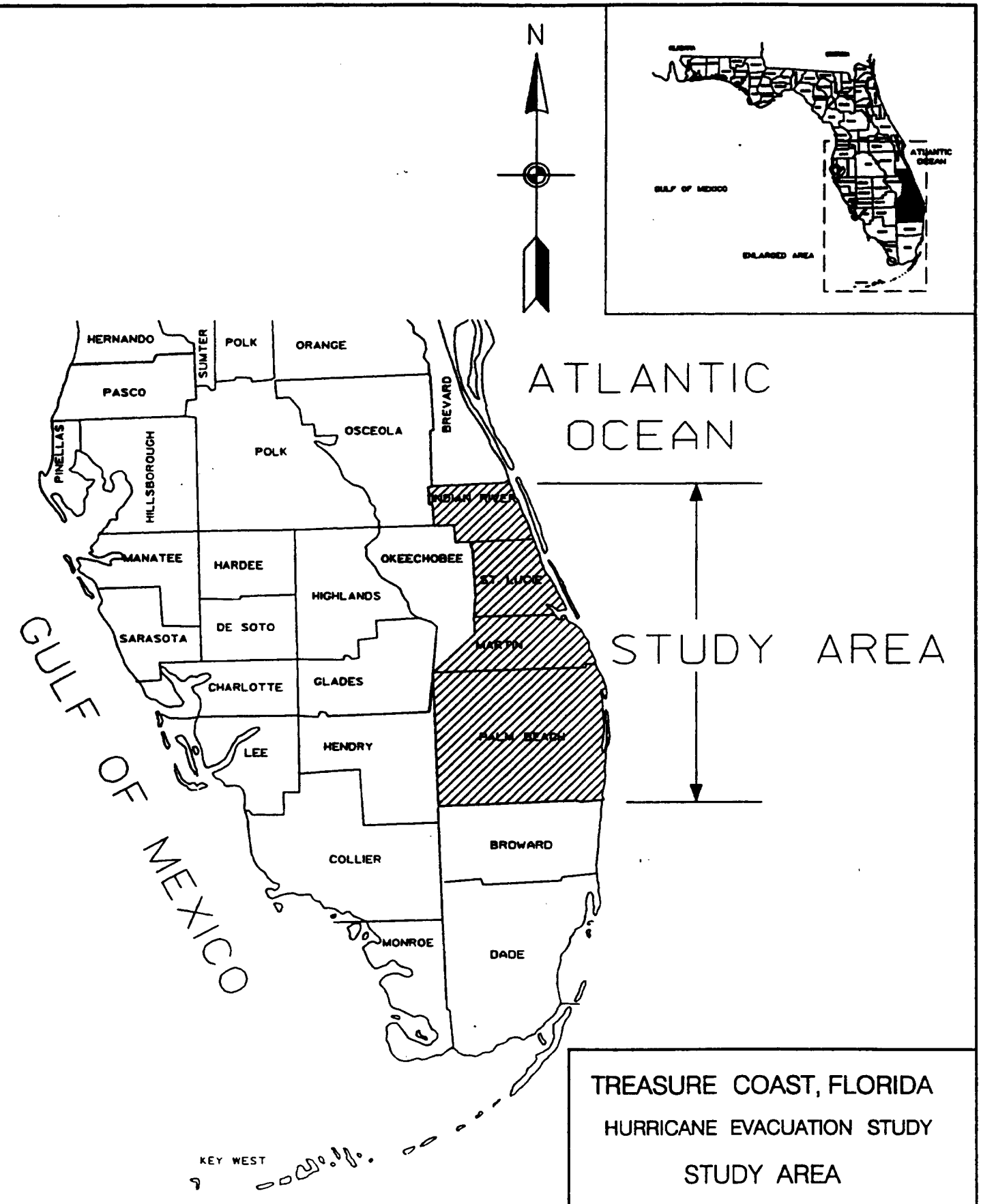
This study was conducted by the Jacksonville District, U.S. Army Corps of Engineers, which provided the project management and technical assistance in accordance with the Corps of Engineers' publication, Technical Guidelines for Hurricane Evacuation Studies, November 1984, and the Federal Emergency Management Agency's publication, CPG-16, A Guide to Hurricane Preparedness Planning for State and Local Officials, December 1984.

DESCRIPTION OF STUDY AREA

A. Geography.

There are four (4) counties in the study area: Indian River, St. Lucie, Martin, and Palm Beach. The entire study area includes over 100-miles of coastline with islands and barrier

islands, some of which are heavily populated. This includes the areas of Orchid City; Indian River Shores; Vero Beach in Indian River County; Hutchinson Island in St. Lucie and Martin Counties; and Jensen Beach, Hobe Sound, and Jupiter Island, also in Martin County. The study area includes West Palm Beach, Lake Worth, Boynton Beach, Delray Beach, and Boca Raton in Palm Beach County. A Category 5 Hurricane has the potential to flood all of these areas. The study area is shown in Figure 1-1.



TREASURE COAST, FLORIDA

HURRICANE EVACUATION STUDY

STUDY AREA

FIGURE 1-1

B. Topography.

South central Florida is particularly exposed to the dangers presented by hurricanes due to its topography. The region is largely a flat, low-lying plain. A low coastal ridge 3 to 10 miles wide separates the St. Johns River area from the coastal area and ranges up to an elevation of 30 feet. Lake Okeechobee lies on the west boundary of Martin and Palm Beach Counties.

The coastal areas could be affected by the very high waves from a severe hurricane largely due to the relatively narrow shelf in the southern portion of the Treasure Coast Region. Waves are less severe and surge is more pronounced in the northern area of the study area.

C. Bathymetry.

The bathymetry offshore is extremely important, since the configuration and depth of the ocean bottom has an effect on surge and wave heights. The storm surge in deeper water can be dispersed down and away from the hurricane. However, when that surge reaches a shallow, sloping bottom, it can no longer be dispersed away from the storm and consequently "piles up" as it is driven ashore by the winds. Shallow water close to shore tends to increase the magnitude of the hurricane storm surge. Areas that have a long, gently sloping offshore shelf, and relatively shallow water depths, can expect a higher surge, but smaller waves. Areas with a relatively narrow shelf, deeper water just offshore, can expect a lower storm surge, but higher waves.

The Treasure Coast Region has a relatively narrow offshore shelf with water depths that increase rapidly near shore. The shelf is quite narrow along Palm Beach County and gradually becomes wider off shore at Indian River County. General depths of 20 feet can be found about 1000 feet off shore at Palm Beach County, while the 20-foot depth contour is one-half mile off shore at Indian River County. Depths of 100 feet can be found about one (1) mile off shore at Palm Beach, while that depth is about 18 miles off shore at Vero Beach.

D. Population.

The data base for each county was developed using 1990 census and traffic analysis zonal data provided through the Florida Department of Transportation District 4 office. This source of data provided a base for permanent population parameters on a sub-county basis. Since data are regularly updated for traffic analysis zones and census units, their use provides a means to facilitate updating of the evacuation study in the future.

Seasonal and permanent dwelling unit data included the following resources:

- U.S. Census Bureau - 1990 Population and Housing Units
- Various Chamber of Commerce and travel bureaus
- Florida Department of Transportation, District 4 - 1990 Traffic Analysis Zonal data

Any future update of the study should take a careful look at the seasonal dwelling unit data in the affected areas of each county. Numbers for seasonal units were generally a combination of hotel/motel units and other units listed as seasonal in nature by the U.S. Census.

Current permanent population estimates range from approximately 93,000 in Indian River County to 900,000 in Palm Beach County. Throughout the region a significant mobile home population living outside the potential hurricane surge areas adds dramatically to the number of hurricane vulnerable people in the area. The Transportation Model Support Document lists the number of permanent dwelling units, mobile homes, and seasonal units by county by evacuation zone and TAZ (or census unit).

HISTORICAL HURRICANE ACTIVITY

A. General.

Hurricanes are a classification of tropical cyclones which are defined by the National Weather Service as nonfrontal, low pressure synoptic scale (large scale) systems that develop over tropical or subtropical waters and have a definite organized circulation. Tropical

cyclones are categorized based on the speed of the sustained (1-minute average) surface wind near the center of the storm. These categories are: Tropical Depression (winds $\leq$ 33 knots), Tropical Storm (winds 34 to 63 knots inclusive) and Hurricanes (winds $\geq$ 64 knots).

The geographical areas affected by tropical cyclones are referred to as tropical cyclone basins. The Atlantic tropical cyclone basin is one of six in the world and includes much of the North Atlantic Ocean, the Caribbean Sea, and the Gulf of Mexico. The official Atlantic hurricane season begins on June 1 and extends through November 30 of each year; however, occasional tropical cyclones occur outside of this period. Early season tropical cyclones are almost exclusively confined to the western Caribbean and the Gulf of Mexico. However, by the end of June or early July, the area of formation gradually shifts eastward, with a slight decline in the overall frequency of storms. By late July the frequency gradually increases, and the area of formation shifts still further eastward. By late August, tropical cyclones form over a broad area which extends eastward to near the Cape Verde Islands off the coast of Africa. The period from about August 20 through about September 15 encompasses the maximum of the Cape Verde type storms, many of which travel across the entire Atlantic Ocean. After mid-September, the frequency begins to decline and the formative area retreats westward. By early October, the area is generally confined to the western Caribbean. In November, the frequency of tropical cyclone occurrence further declines.

B. Atlantic Tropical Cyclone Basin.

Through the research efforts of the National Climate Center, in cooperation with the National Hurricane Center, records of tropical cyclone occurrences within the Atlantic tropical cyclone basin have been compiled dating back to 1871. Although other researchers have compiled fragmentary data concerning tropical cyclones within the Atlantic tropical cyclone basin back to the late fifteenth century, the years from 1871 to the present represent the complete period of the development of meteorology and organized weather services in the United States. For the 121 year period 1871 through 1991 a total of nearly 1000 tropical cyclones have occurred within the Atlantic tropical cyclone basin; however, for the years 1871 through 1885 the existing data do not allow accurate determinations of the intensities of the tropical cyclones, since available data are too fragmented and uncertain. The National Hurricane Center maintains detailed computer files of the Atlantic tropical cyclone tracks back to 1886. Of the 852 known Atlantic tropical cyclones of at least tropical storm intensity occurring during the period 1886 through 1986, 499 reached hurricane intensity.

C. Florida.

Florida is one of the more hurricane vulnerable locations along the coastline of the United States. Since 1886, 51 storms of hurricane intensity have passed within 125 miles of the Treasure Coast Region. This is an average of one hurricane every two (2) years. Before 1885 insufficient data exist to accurately determine which storms reached hurricane intensity. The number of hurricanes (direct hits) affecting southeastern Florida since 1899 have been: 4 Category 1 storms; 10 Category 2 storms; 7 Category 3 storms; 5 Category 4 storms; and no Category 5 storms.

MAJOR ANALYSES

The Treasure Coast Region Hurricane Evacuation Study consists of several related analyses that develop technical data concerning hurricane hazards, vulnerability of the population, public response to evacuation advisories, timing of evacuations, and sheltering needs for various hurricane threat situations. The major analyses comprising the Study and a description of the methodologies for each are discussed in the following paragraphs.

A. Hazards Analysis.

The hazards analysis determines the threat presented by hurricanes of various categories, tracks, and forward speeds impacting the Study Area. The Sea, Lake, and Overland Surges from Hurricanes (SLOSH) Model was used to develop the data. The County Storm Surge Inundation Maps and Evacuation Network Maps presented with this Study do not include riverine floodplains not subject to tidal flooding. It is assumed that local governments will use floodplain mapping (Flood Insurance Rate Maps), prepared in conjunction with the National Flood Insurance Program, for evacuation planning in non-tidal areas. Flood Insurance Rate Maps were used in this Study in the flood vulnerability analysis of public hurricane shelters.

B. Vulnerability Analysis.

Utilizing the results of the hazards analysis, the vulnerability analysis identifies those areas, populations, and facilities that are vulnerable to storm surge inundation. Evacuation

zones were developed for each of the Study Area counties utilizing major natural or man-made geographic features. Hurricane evacuation scenarios were also developed for each county. These scenarios show groups of evacuation zones that will be threatened by storm surge from specific hurricane intensity categories. Florida Department of Transportation population estimates were used in determining the vulnerable population within each county for a range of hurricane threats. These population estimates were checked against 1990 census counts as they became available. Seasonal population estimates for areas were developed with the assistance of county planning agencies and the various Chambers of Commerce.

C. Behavioral Analysis.

This analysis determines the expected response of the vulnerable population to various hurricane threat scenarios in terms of the percentage of the population expected to evacuate, probable destinations of evacuees, use of public shelter, and utilization of available vehicles. The methodology employed in the Treasure Coast Hurricane Evacuation Study to develop the behavioral data consisted of telephone sample surveys, interviews within the Study Area, data from other hurricane evacuation studies, and data from post-hurricane evacuation studies.

D. Shelter Analysis.

The shelter analysis presents an inventory of existing shelter facilities, capacities of the shelters, vulnerability of shelters to storm surge flooding, and identifies the range of potential shelter demand for each county. Lists of existing shelters and capacities were furnished by the American Red Cross and the county Emergency Management Coordinators. Lowest floor elevations for those shelters located in or near tidal or riverine inundation areas are generally established by field surveys. However, the Treasure Coast counties do not use shelters located in these low lying areas. Potential shelter demands for ranges of hurricane threats were developed using data from the behavioral analysis.

E. Transportation Analysis.

The results of all previous analyses were utilized in the transportation analysis. The purpose of this analysis is to determine the time required to evacuate the threatened population under a variety of hurricane threats. Transportation modeling techniques

developed to simulate hurricane evacuation traffic patterns were used to conduct this analysis.

COORDINATION

A. Interagency.

The Treasure Coast Region Hurricane Evacuation Study was a joint effort by the Federal Emergency Management Agency (FEMA); the National Oceanic and Atmospheric Administration (NOAA); the U. S. Army Corps of Engineers (Corps); the State of Florida, Department of Community Affairs (DCA) and the Emergency Management directors of the four counties. Development of the technical data for the study was coordinated and documented by the Jacksonville District, Corps of Engineers, in conjunction with the various Federal and State agencies and local officials in the study area.

B. Disaster Preparedness Committees.

The Disaster Preparedness Committees consisted of Florida DCA Emergency Management officials, County Emergency Management officials, and officials of other agencies and organizations, primarily at the county level, who have direct responsibility and authority in some aspect of hurricane emergency operations or planning. These officials represented agencies and organizations that included State and local law enforcement, fire departments, school boards, departments of social services, the American Red Cross, and the National Weather Service. The primary purposes of the Disaster Preparedness Committees were to provide important data for the study and to review appropriate study products. Since the committee members will be using the information generated by the evacuation study, meetings provided the forum needed to explain the methodologies and products of the various study analyses and to receive comments. Meetings were held at major milestones in the study to gather essential information, to present the results of analyses accomplished, to describe the relationships of the major analyses, and to review the progress of the study.

The Jacksonville District, Corps of Engineers had responsibility for coordinating study efforts. Direction for this study was provided by an executive committee.

C. Executive Committee.

Officials from the Florida Department of Community Affairs, Division of Emergency

Management; the Federal Emergency Management Agency; and the U.S. Army Corps of Engineers served as members of the Executive Committee. The Executive Committee convened as needed to review the progress of the study, to discuss and plan for future study tasks, and to assure the interagency coordination that was vital to the Treasure Coast Region Hurricane Evacuation Study effort.

CHAPTER TWO

HAZARDS ANALYSIS

PURPOSE

The purpose of the Hazards Analysis is to quantify the surge heights for various intensities and tracks of hurricanes considered to have a reasonable meteorological probability of occurrence within a particular coastal basin. Potential freshwater flooding from rainfall accompanying hurricanes is also addressed; however, due to the wide variation in amounts and times of occurrence from one storm event to another, rainfall can only be addressed in general terms.

The primary objective of the hazards analysis is to determine the worst-case effects from various intensity hurricanes which have the potential to strike the region. The term "worst-case" represents the peak surge height which might be obtained for each category of storm by varying three critical parameters: landfall point, direction, and forward speed. This is important to note because the maximum storm surge elevations which were mapped for the Study area were not derived from a single hurricane event. Instead, the maximum surge elevations mapped for each hurricane category represents a composite of hurricane events of varying direction, landfall point and forward speed. The potential surge is maximized by making the surge arrival coincident with the astronomical high tide (See the detailed discussion which follows on the next page). Emphasis of "worst-case" surge heights in this Analysis is justified by the purpose of hurricane evacuation planning, i.e. protection of the vulnerable population.

The majority of effort expended in the hazards analysis is related to the accurate estimation of potential surge heights. This focus on surge analysis does not reflect a discounting of the danger of winds associated with hurricanes. The magnitude, extent, timing and duration of winds of a threatening hurricane are the direct subjects of National Weather Service/ National Hurricane Center observations and forecasts. However, realistic surge height estimation is far more complex than wind speed estimation. In addition to wind speeds and direction, surge heights are also dependent on shoreline configuration, track direction, and, especially in back bay areas, on local channel geometry.

FORCASTING INACCURACIES

The "worst-case" approach was used in presenting possible hurricane effects because of the inaccuracies in forecasting the precise track and other parameters of approaching hurricanes. An analysis of hurricane forecasts made by the National Hurricane Center indicates the magnitude of error that can be expected. From 1976 to 1985, the average error in the official 24-hour hurricane track forecast was 140 statute miles left or right of the forecast track. The average error in the 12-hour official forecast was 69 miles.

During the same time period, the average error in the official 24 hour wind speed forecast was 15 miles per hour (m.p.h.), and the average error in the 12 hour official forecast was 10 m.p.h. Emergency officials should note that an increase of 10 to 15 m.p.h. can raise the intensity category of the approaching hurricane one category on the Saffir/Simpson Hurricane Scale (see Table 2-1).

POTENTIAL STORM SURGE

A. General.

Abnormally high water levels along ocean coasts and interior shorelines are commonly caused by storm events. These higher than expected water levels, known as storm surges, are generally the result of a synoptic scale meteorological disturbance. Along the mid-Atlantic seaboard, extratropical storms such as "northeasters" have produced some of the highest storm surges and resultant damages on record. However, hurricanes have the potential to produce much higher storm surges because of the vast amount of energy released by these storm systems. Storm surges can affect a shoreline over distances of more than 100 miles; however, there may be significant spatial variations in the magnitude of the surge due to local bathymetric and topographic features.

A storm surge is defined as the difference between the observed water level and the normal astronomical tide. Astronomical tides represent the periodic rise and fall of the water surface resulting from the gravitational interactions between the Moon, Sun, and Earth. Positive surges occur when the observed water level exceeds the height of the predicted

TABLE 2-1

SAFFIR/SIMPSON HURRICANE SCALE

CATEGORY 1. WINDS OF 74 TO 95 MILES PER HOUR. Damage primarily to shrubbery, trees, foliage, and unanchored mobile homes. No real wind damage to other structures. Some damage to poorly constructed signs. Storm surge possibly 4 to 5 feet above normal. Low-lying coastal roads inundated, minor pier damage, some small craft in exposed anchorage torn from moorings

CATEGORY 2. WINDS OF 96 TO 110 MILES PER HOUR. Considerable damage to shrubbery and tree foliage; some trees blown down. Major damage to exposed mobile homes. Extensive damage to poorly constructed signs. Some damage to roofing materials of buildings; some window and door damage. No major wind damage to buildings. Storm surge possibly 6 to 8 feet above normal. Coastal roads and low-lying escape routes inland cut by rising water 2 to 4 hours before arrival of hurricane center. Considerable damage to piers. Marinas flooded. Small craft in unprotected anchorages torn from moorings. Evacuation of some shoreline residences and low-lying island areas required.

CATEGORY 3. WINDS OF 111 TO 130 MILES PER HOUR. Foliage torn from trees; large trees blown down. Practically all poorly constructed signs blown down. Some damage to roofing materials of buildings; some window and door damage. Some structural damage to small buildings. Mobile homes destroyed. Storm surge possibly 9 to 12 feet above normal. Serious flooding at coast and many smaller structures near coast destroyed; larger structures near coast damaged by battering waves and floating debris. Low-lying escape routes inland cut by rising water 3 to 5 hours before hurricane center arrives.

CATEGORY 4. WINDS OF 131 TO 155 MILES PER HOUR. Shrubs and trees blown down; all signs down. Extensive damage to roofing materials, windows and doors. Complete failure of roofs on many small residences. Complete destruction of mobile homes. Storm surge possibly 13 to 18 feet above normal. Major damage to lower floors of structures near shore due to flooding and battering by waves and floating debris. Low-lying escape routes inland cut by rising water 3 to 5 hours before hurricane center arrives. Major erosion of beaches.

CATEGORY 5. WINDS GREATER THAN 155 MILES PER HOUR. Shrubs and trees blown down; considerable damage to roofs of buildings; all signs down. Very severe and extensive damage to windows and doors. Complete failure of roofs on many residences and industrial buildings. Extensive shattering of glass in windows and doors. Some complete building failures. Small buildings overturned or blown away. Complete destruction of mobile homes. Storm surge possibly greater than 18 feet above normal. Major damage to lower floors of all structures less than 15 feet above sea level. Low-lying escape routes inland cut by rising water 3 to 5 hours before hurricane center arrives.

astronomic tide. Negative storm surges (lower than expected water levels) are produced primarily in lakes or semi-enclosed basins and bays. These negative surges are considered more of a nuisance, such as a temporary hinderance to navigation, than a true natural hazard. It is the positive surge which has the greatest potential for property damage and loss of life.

There are a number of factors which contribute to the generation of storm surges but the fundamental forcing mechanism is wind and the resultant frictional stress it imposes onto the water surface. Winds blowing over a water surface generate horizontal surface currents flowing in the general direction of the wind. These surface currents in turn create subsurface currents which, depending on the intensity and forward speed of the hurricane, may extend from one to several hundred feet below the surface. If these currents are in the onshore direction, the water begins to pile up as it is impeded by the sloping continental shelf, causing a rise in the water surface. Therefore, a wide, gently sloping continental shelf is particularly conducive to the formation of large storm surges. The water level will increase shoreward until it reaches a maximum at, or some distance inland from, the shoreline. The ultimate slope of the water surface is directly proportional to the wind stress and inversely proportional to the water depth. Along the southern portion of the Treasure Coast Region the coastal areas could be affected by high waves from a severe hurricane largely due to the relatively narrow shelf. Waves are less severe and the surge is more pronounced in the northern areas of the Treasure Coast.

A secondary component of the storm surge exists when there are winds parallel to the coastline. These winds generate a current parallel to shore and, due to the Earth's rotation, the current will be accelerated to the right of the current direction (in the northern hemisphere). This is referred to as the Coriolis effect. If this current is obstructed by a coastline, the water level will begin to rise.

The reduction of atmospheric pressure within the storm system results in another surge-producing phenomenon known as the "inverted barometer" effect. Within the region of low pressure the water level will rise at the approximate rate of 13.2 inches per inch of mercury drop. This can account for a rise of one to two feet near the center of the hurricane. This effect is considered to be a more important factor in the open ocean where there is no depth related restriction to water flow.[1]

---

[1]Harris, D. Lee, 1963: U.S. Weather Bureau Technical Paper NO. 48, "Characteristics of the Hurricane Storm Surge."

Waves and swells breaking at or near the shore also cause a transport of water shoreward. During storms when there is an increase in wave height and wave steepness, water cannot flow back to the sea as rapidly as it was brought shoreward. This results in the phenomenon known as "wave setup" and causes a further increase of water level along the beachfront solely from wave action, in addition to any surge associated with the wind setup.[2] Waves are directly affected by the water depth and will break and dissipate their energy in shallow water. Therefore, a relatively steep offshore beachslope is particularly conducive to this process because large ocean waves can approach very near the shore before breaking.[3] Wave setup is primarily a concern near the beachfront because large waves are generally not transmitted inland of the coastline even if the beach has been overtopped.

The magnitude of a storm surge within a coastal basin is governed by both the meteorological parameters of the hurricane and the physical characteristics of the basin. The meteorological aspects include the hurricane's size, measured by the radius of maximum winds; the intensity, measured by sea level pressure and maximum surface wind speeds at the storm center; the path or forward track of the storm and the storm's forward speed. The radius of maximum winds is measured from the center of the hurricane to the location of the highest wind speeds within the storm. This radius may vary from as little as 4 miles to as much as 50 miles. Due to the counter-clockwise rotation of the wind field (in the northern hemisphere) the highest surge levels are generally located to the right of the hurricane's forward track. This is particularly important when the storm makes landfall because the maximum storm surge may vary significantly within a relatively short distance depending on whether a location is to the right or the left of the path of the landfalling hurricane. The time that the storm surge arrives is important because of its potential coincidence with the time of high (astronomical) tide. Along the ocean coast of Florida's Treasure Coast Region the mean tidal range is approximately 4 feet and a surge may result in severe or only minor flooding, depending on whether it arrives at the time of high or low tide.

An estuary's overall basin geometry can attenuate or amplify a storm surge. Such factors include the basin's local bathymetry, orientation in relation to the track of an approaching hurricane, and the interior shoreline topography and configuration. An estuary in which the shoreline diverges inside the entrance will experience a decrease in the surge amplitude

---

[2] U.S. Army Corps of Engineers, Coastal Engineering Research Center, Shore Protection Manual Vicksburg, Mississippi, 1984

[3] Harris

toward the head of the bay. However, in a bay that converges toward the head of the estuary, a surge entering the mouth may be amplified as the shores of the bay converge. Sites located along the perimeter of a large bay may also experience localized wind and wave setups independent from the main surge due to the bay's orientation and fetch length (length of open water) relative to the hurricane's wind direction.

B. Background.

Numerous methods and models have been utilized to quantify the potential storm surge generated by hurricanes. The National Weather Service later developed computer models for specific coastal basins that account for bathymetry and other variables that affect surge heights. The most notable of these mathematical models was the Special Program to List the Amplitude of Surges from Hurricanes (SPLASH) model. Two versions of this model, SPLASH I and SPLASH II, were developed for selected basins along the Gulf and Atlantic coasts. Although the SPLASH model provides reliable still-water storm surge heights, it is rather limited in that the surge heights are calculated only for open coastlines. The latest mathematical model developed by the National Hurricane Service, the Sea, Lake, and Overland Surges from Hurricanes (SLOSH) model, is an expansion of the SPLASH model that has the capability of calculating storm surge heights within coastal sounds and estuaries as well as up rivers and creeks, while also accounting for overland surge, and taking into account terrain and barrier heights. One of the earlier guides developed for that purpose is the Saffir/Simpson Hurricane Scale, which has been adopted by the National Hurricane Center. It was developed by Herbert Saffir, Dade County, Florida, Consulting Engineer, and Dr. Robert H. Simpson, former Director of the National Hurricane Center. The Saffir/Simpson Hurricane Scale, shown in Table 2-1, is a descriptive scale which catagorizes hurricanes based upon intensity, and relates hurricane intensity to damage potential. The Scale also provides a range of wind speeds and potential surge heights associated with the five (5) catagories of hurricanes.

The National Hurricane Center has added a range of central barometric pressures associated with each category of hurricane described by the Saffir/Simpson scale. A condensed version of this scale with the inclusion of barometric pressure ranges by category is shown in Table 2-2.

The Saffir/Simpson Hurricane Scale assumes an average, uniform coastline for the

continental United States and was intended as a general guide for use by public safety officials during hurricane emergencies. It does not reflect the effects of varying localized bathymetry, coastline configuration, astronomical tides, barriers or other factors which may modify surge heights at the local level during a single hurricane event.

TABLE 2-2

SAFFIR/SIMPSON HURRICANE SCALE WITH CENTRAL BAROMETRIC PRESSURE RANGES

CATEGORY	CENTRAL PRESSURE		WIND SPEED		SURGE	DAMAGE
	MILLIBARS	INCHES	MPH	KNOTS	(FEET)	POTENTIAL
1	>980	>28.94	74-95	64-83	4-5	Minimal
2	965-979	28.5-28.9	96-110	84-96	6-8	Moderate
3	945-964	27.9-28.5	111-130	97-113	9-12	Extensive
4	920-944	27.2-27.9	131-155	114-135	13-18	Extreme
5	<920	<27.2	>155	>135	>18	Catastrophic

C. The SLOSH Model.

1. General.

Computer models have been developed for specific coastal basins to represent the varying bathymetry and other factors affecting surge heights calculated for a location. The Sea, Lake, and Overland Surges from Hurricanes (SLOSH) model is the latest and most sophisticated mathematical model developed to calculate potential surge heights from hurricanes. The SLOSH model was developed by the National Weather Service for real-time forecasting of surges from actual hurricanes within selected Gulf of Mexico and Atlantic coastal basins. As applied in this Study, the SLOSH model was utilized to simulate the effects of hypothetical hurricanes which could occur in the future, and to simulate actual hurricanes which have occurred in the past in the Atlantic coastal region.

The SLOSH model calculates storm surge heights for the open ocean and coastal region affected by a given hurricane. The model also calculates surge heights for bays, estuaries, coastal rivers, and adjacent upland areas susceptible to inundation from the storm surge. Significant manmade or natural barriers such as dunes, islands, etc. are represented in the model and their effects are simulated in the calculation of surge heights within the basin.

SLOSH Model coverage for the Treasure Coast Study area was provided by the model's application to the region designated as the Palm Beach Basin. The grid pattern is shown in Figure 2-1. This model was used for St. Lucie, Martin, and Palm Beach Counties. Indian River County was included in the Cape Canaveral Basin SLOSH Model.

The SLOSH model is designed for use in an operational mode; that is, for forecast/hindcast runs without controlled, local calibration, or observed winds. The rational for this design is to avoid having the user predict unavailable input data. The SLOSH model contains a storm model into which simple, time-dependent meteorological data are input and from which the driving forces of a simulated storm are calculated. A storm event is represented by the following types of data:

a. Latitude and longitude of storm positions at six-hour intervals for a 72 hour period, beginning 48 hours prior to landfall.

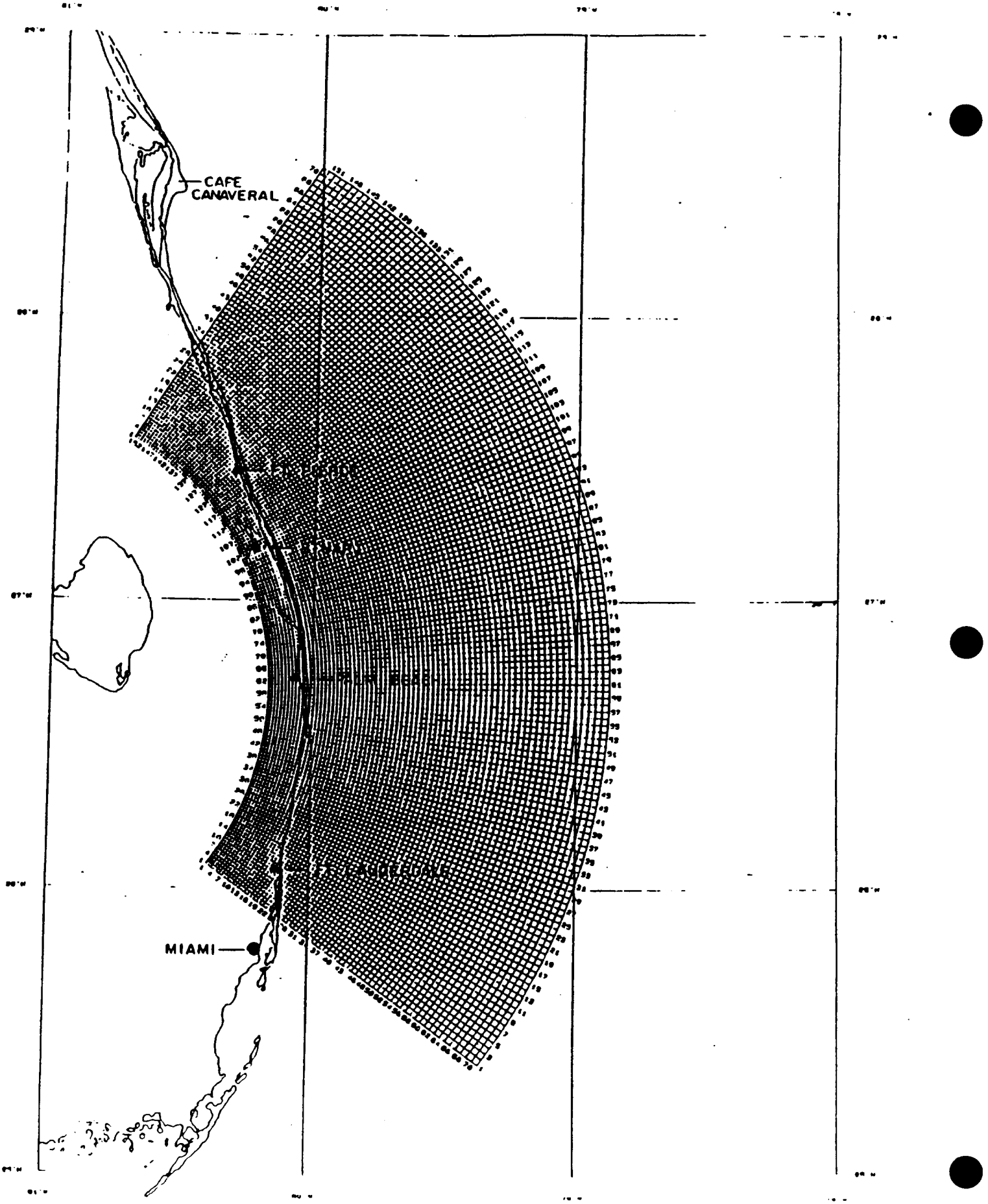


Figure 2-1 SLOSH Grid - Palm Beach Basin

b. The atmospheric pressure at sea level in the eye of the hurricane.

c. The storm size measured from the center (eye) to the region of maximum wind speed, referred to as the "radius of maximum wind".

d. Forward speed of the hurricane.

The windspeeds in the hurricane are not directly input by the modeler; instead, the SLOSH model calculates the radial surface wind profile from the other meteorological parameters input by the user.

In addition, the initial height of the water surface is another parameter required to be specified by the modeler. This value is referenced to National Geodetic Vertical Datum (NGVD), the vertical datum used to specify land elevations (and water depths) within the basin. The basin was initialized with Mean High Tide data; that is, the initial water surface elevation is assumed to be higher, on the order of a foot or two, than the ordinary mean sea level for the modeled region. This increased elevation reflects the effects of the storm while it is still distant from the area of interest, typically 24 or more hours from landfall.

A summary of the SLOSH Modeling process and surge heights calculated by the Model for the Study are available in "A Storm Surge Atlas for the Palm Beach, Florida Area" prepared by the National Hurricane Center. Data for Indian River County is contained in "A Storm Surge Atlas for the Cape Canaveral, Florida Area."

Astronomical tide height fluctuations are not directly input for a given storm simulation. Instead, the SLOSH model is run with an assumed uniform starting water surface elevation, and any subsequent deviation from this level is attributable to the effects of the storm. The possible effects of the storm surge occurring at a particular phase of the tide, such as at the time of high or low tide, are evaluated as an increment, either positive or negative, to the SLOSH-predicted surge level. This topic is addressed more fully in a following section.

2. SLOSH Grid Configuration.

The SLOSH model uses a telescoping polar coordinate grid system to represent a

particular coastal region of interest. The grid developed for the Treasure Coast basin is shown in Figure 2-1. The grid consists of 71 arcs (the curved lines) and 153 radials (the straight lines). The spacing between successive arcs increases with distance from the center of the grid such that each grid cell has approximately equal length sides.

The telescoping polar grid has a number of advantages over a rectilinear grid in the efficiency of model computations. With a telescoping polar grid the area of greatest interest which in this Study is the coastal zone susceptible to hurricane surge inundation, is modeled with the highest resolution. The grid cell size is relatively smaller along the coast than the grid cell size in the deep, open water of the Atlantic. The smaller grid size allows more detailed representation of physical features, such as inlets, rivers, islands, dunes, etc., which can have important effects on the propagation of the storm surge.

Each grid square closest to the pole (at I = 1) represents an area of about 0.59 square miles. This permits inclusion in the model of topographic details such as highway and railroad embankments, causeways, levees, and dikes in harbors. But, with increasing distance from the pole, the range increment and arc lengths which border each grid "square" become progressively larger. At the maximum distance from the pole (I = 71) each grid square contains about 2.62 square miles.

The grid cell size is larger in the open ocean where less resolution of storm surge height is required. The reduced number of cells in the offshore area reduces the time and cost of each model run required. However, the larger grid cell size in the offshore region permits the inclusion of a large geographic area in the model, so that the effects of the model boundaries on the dynamics of the storm are diminished.

The characteristics of a particular basin are constructed as input data within the model. These characteristics include the topography of inland areas; river basins and waterways; bathymetry of near shore areas, sounds, bays, and large inland water bodies; significant natural and manmade barriers such as barrier islands, dunes, roads, levees, etc.; and a segment of the continental shelf. The SLOSH model simulates inland flooding from storm surge and permits the overtopping of barriers and flow through barrier gaps.

3. Verification of the SLOSH Model.

The SLOSH model was designed as an operational tool for storm surge forecasting which could be applied to any coastal area, regardless of previous hurricane history. The model's coefficients were determined using a least squares fit technique from the results of many historical hurricanes in many different basins along the U.S. Atlantic and Gulf of Mexico coastlines. Thus, the SLOSH model is not "tuned" for a particular area, other than the sense that the geometry of the region is modeled as realistically as possible. Jarvinen and Lawrence (1985)[4] did an evaluation of the SLOSH model on ten historical hurricanes that were independent of the hurricanes used in the determination of the coefficients. The results of that study are presented below.

The performance of the SLOSH model has been evaluated using a set of 523 observations of storm-surge heights that were taken during ten hurricanes. The hurricanes made landfall in eight different basins along the U.S. Atlantic and Gulf of Mexico coastlines. Fourteen percent (14%) of the observations are tide-gage peak surge heights and the remainder are high-water marks of opportunity.

SLOSH model runs were made for each of the ten hurricanes, using all available data to determine the track and intensity input parameters. For each run, a peak-surge-height analysis was made, using the maximum computed surge height at each grid point, without regard to time of occurrence. This composite analysis, or envelope of high water, was used to determine the model surge values to be compared with the observations.

A difference between a SLOSH value and an observation was calculated for each of the 523 observations and this set of differences is the basis for an estimate of the SLOSH model error distribution. The range of the errors went from -7.1 feet to +8.8 feet. The mean error was -0.3 feet, indicating a slight negative bias. The standard deviation was 2.0 feet. Seventy-nine percent (79%) of the errors were within one standard deviation and ninety-seven percent (97%) were within two standard deviations.

Based upon the results above, a good "rule of thumb" is that the SLOSH model storm surge values will be within plus or minus twenty percent (20%) of the observed values.

---

[4] "An Evaluation of the SLOSH Storm-Surge Model", Bulletin Of The American Meteorological Society, Vol. 66, No. 11, Nov. 1985.

4. Model Output.

The standard data products from a given SLOSH model run consist of both tabulated and graphical information. The tabulated output data consist of the following:

a) User input values of storm center latitude and longitude, central pressure differential, and radius of maximum winds, at six-hour intervals.

b) User input starting water surface elevation.

c) Model interpolated values, at one hour intervals, of storm location (latitude and longitude), forward speed, track direction, central pressure differential and radius of maximum winds.

d) Model computed values, at one-half hour intervals, of surge height, wind speed, and wind direction at a number of sites selected by the user. 110 sites were modeled throughout the Palm Beach SLOSH Basin. These grid sites were selected to coincide with critical locations and are generally located at low-lying roads and bridges that would be critical to an evacuation, at potentially vulnerable population centers, or at significant natural or manmade barriers. The time-history information produced by the SLOSH model for critical points lists values for still-water surge heights, wind speeds, and wind direction at 30-minute intervals for 72 hours.

The graphical data output by the model consists of a plot of the original telescoping polar coordinate grid in a rectilinear format. Each grid cell is plotted at a uniform size, which has the effect of distorting the apparent shape of the coastline and other physical features. Cells near the origin of the polar grid are thus expanded relative to their original size; cells near the outer portion of the polar grid are contracted relative to their original size.

The rectilinear plot of the model basin for a given SLOSH simulation displays the following information:

a) The track of the hurricane being modeled.

b) The locations and names of selected geographic points.

c) The maximum water surface elevation attained at each grid cell over the duration of the storm being simulated. This plot does not represent a "snapshot" of the storm surge at an instant of time. Instead, it represents the highest water level at each grid point during a hurricane irrespective of the actual time of occurrence during that storm. This plot of maximum surge heights is referred to as the "envelope" of maximum surge for a particular storm acting on a specific SLOSH modeled basin.

The highest water level reached at each location along the coastline during the passage of a hurricane is called the maximum surge. Maximum surges along the coastline do not necessarily occur at the same time. The time of the maximum surge for one location may differ by several hours from the maximum surge at another location. The SLOSH Model printout of the surface envelope of highest surges contains the maximum surge height values calculated for each grid point irrespective of the time during the simulation that the maximum surge occurs.

D. Treasure Coast Modeling Process.

The Palm Beach Basin SLOSH model is the primary model used for the Treasure Coast Region Hurricane Evacuation Study. The Palm Beach SLOSH Basin covers the coastal region extending from just south of Melbourne, Florida, southward to Hollywood, Florida. The Cape Canaveral Basin SLOSH model was the model used for determining surge elevations in Indian River County.

1. Simulated Hurricanes.

A total of 545 hypothetical hurricanes were modeled for the Palm Beach Basin SLOSH Model. These hurricanes were specified to travel in one of five possible directions, some at one and others at two forward speeds. A range of track locations was used for each direction in order to evaluate the surge heights resulting from different storm landfall points. Storms were modeled at categories 1 through 5 of the Saffir-Simpson scale of intensity. The selection of storm parameters was based on advice of hurricane specialists at NOAA's National Hurricane Center. Table 2-3 summarizes the combinations of storm parameters which were applied in the SLOSH model of the Palm Beach Basin.

TABLE 2-3

STORM PARAMETERS FOR THE PALM BEACH BASIN

DIRECTION	FORWARD SPEED	INTENSITY	TRACKS	RUNS
WSW	12	1-5	13	65
W	12	1-5	13	65
WNW	12	1-5	12	60
NW	12	1-5	9	45
NNW	15	1-5	8	40
N	15	1-5	8	40
NNE	15	1-5	9	45
NE	15	1-5	11	55
ENE	15	1-5	13	65
E	12	1-5	13	65
		TOTAL SLOSH RUNS:		545

Most hurricanes weaken after making landfall because the central pressure increases and the Radius of Maximum winds tends to increase. Modeled storms which make landfall underwent pressure increases and radius of maximum winds increases with time. A Radius of Maximum winds (RMW) of 20 statute miles was used for all category hurricanes at the point of landfall. The RMW increased to 30 miles for category 1 and 2, and increased to 25 miles for category 3, 4, and 5, twelve (12) hours after landfall. The RMW increased to 40 miles for category 1 and 2, and increased to 35 miles for category 3, 4, and 5, twenty-four (24) hours after landfall. Additional data is available in the backup material for the Hazards Analysis - Appendix B.

A total of 109 storm tracks were modeled for the Palm Beach Basin SLOSH Model. The simulated storms moving along these tracks had combinations of parameters representing the five (5) categories of hurricane intensity, as described by the Saffir-Simpson Scale. Figures 2-2 through 2-11 illustrate these storm tracks and landfall points for the ten (10) directions modeled. On the figures the hurricane symbol is at the point of landfall of the eye

of the storm, and the dots are eye positions at 6-hour increments. The tracks are identified by the distance in miles to the left side (LS) or right side (RS) of the track through Palm Beach, Florida.

Tidal anomalies of about +1 Ft MSL before arrival of a hurricane are not uncommon in the area of the basin. To simulate conditions at the time of high tide, an additional 1.5 feet of water was included for oceanic values. Inland lakes and bays, found to have a smaller tidal response, had only 1.0 feet of water added. Thus, initial ocean datums of 2.5 feet were used, while for inland lakes and bays, initial datums of 2.0 feet were used. Therefore, the resulting calculations of storm surge, using these initial datums, represent conditions at high tide.

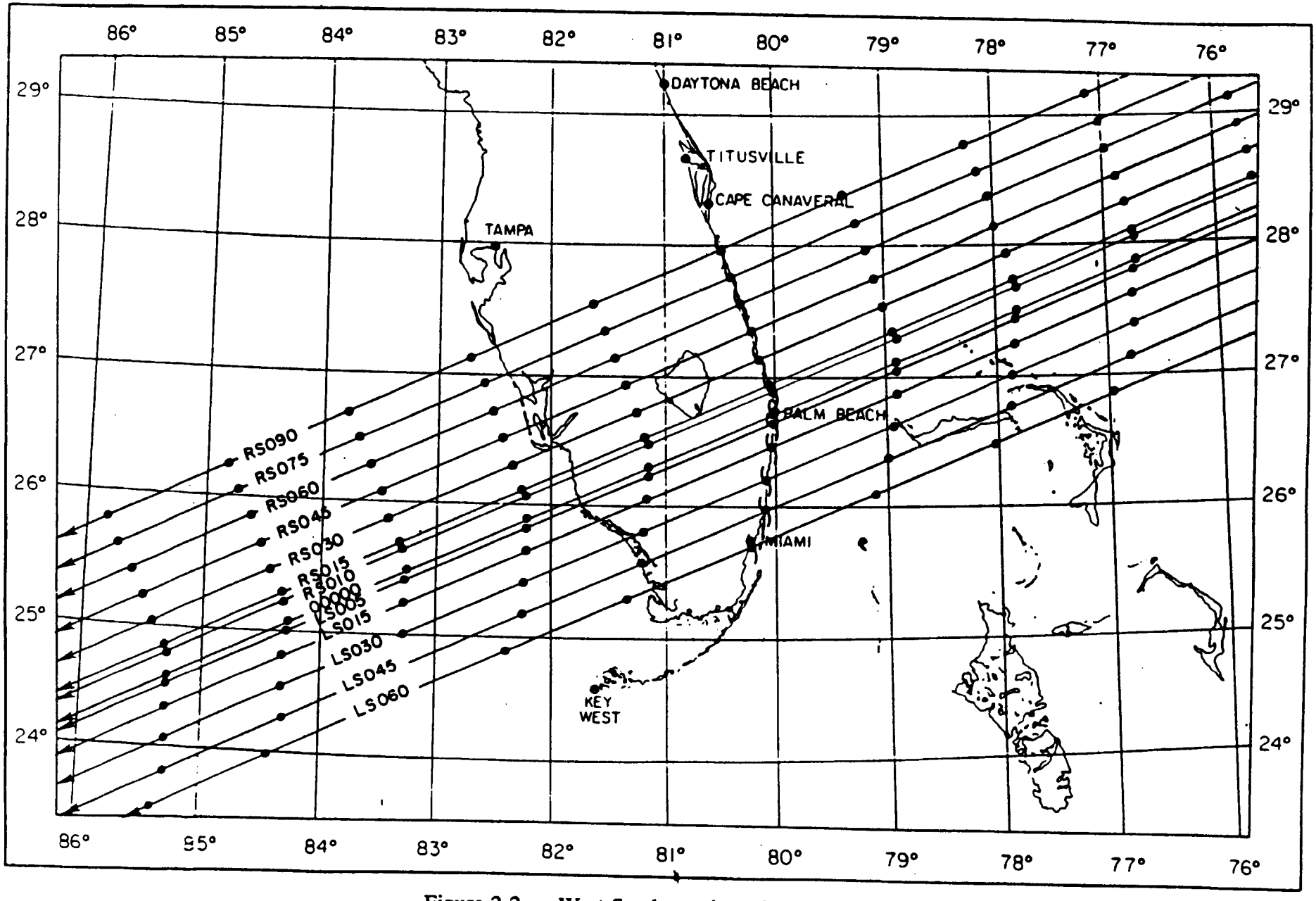


Figure 2-2 West-Southwest bound storms

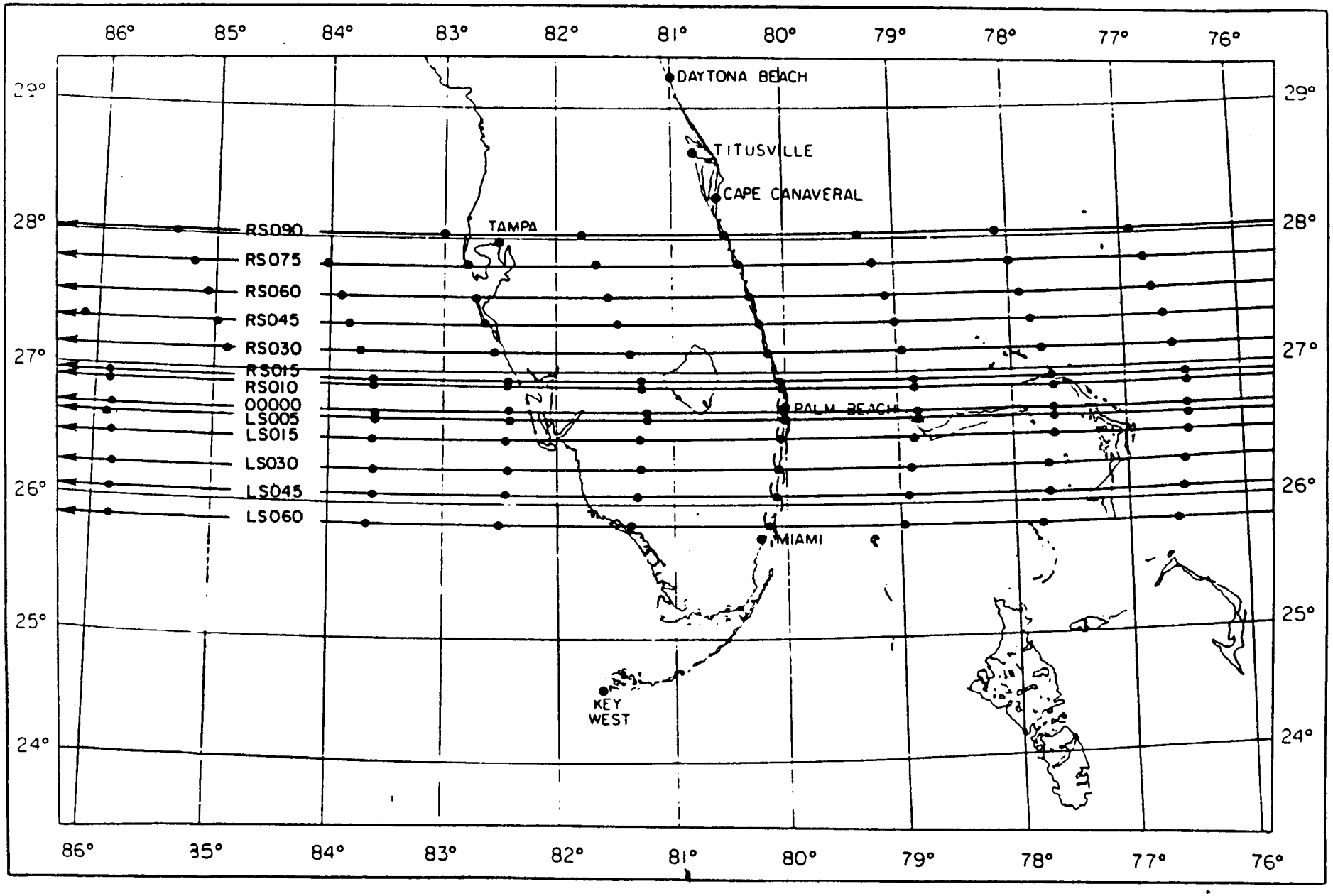


Figure 2-3 West bound storms

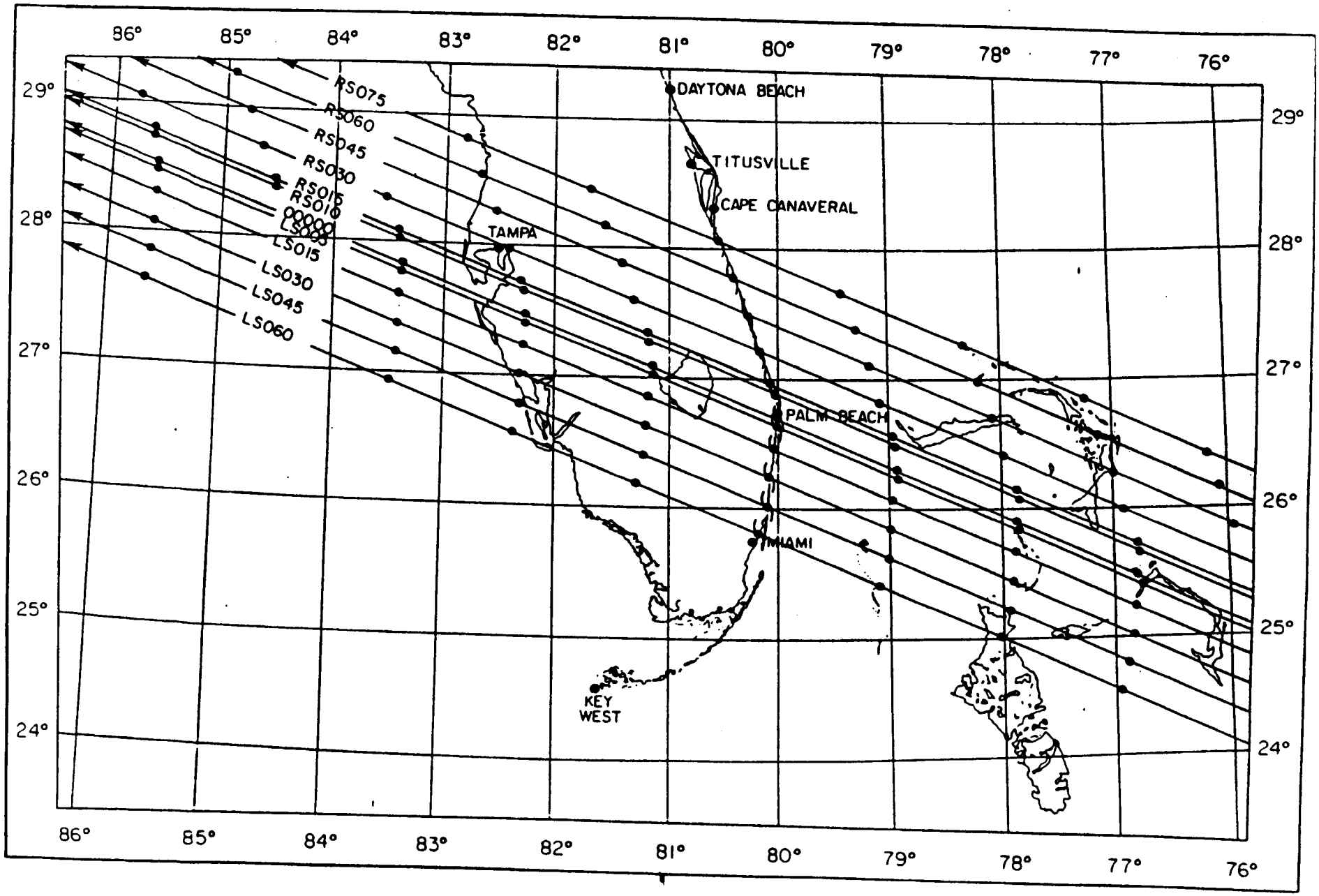


Figure 2-4 West-Northwest bound storms

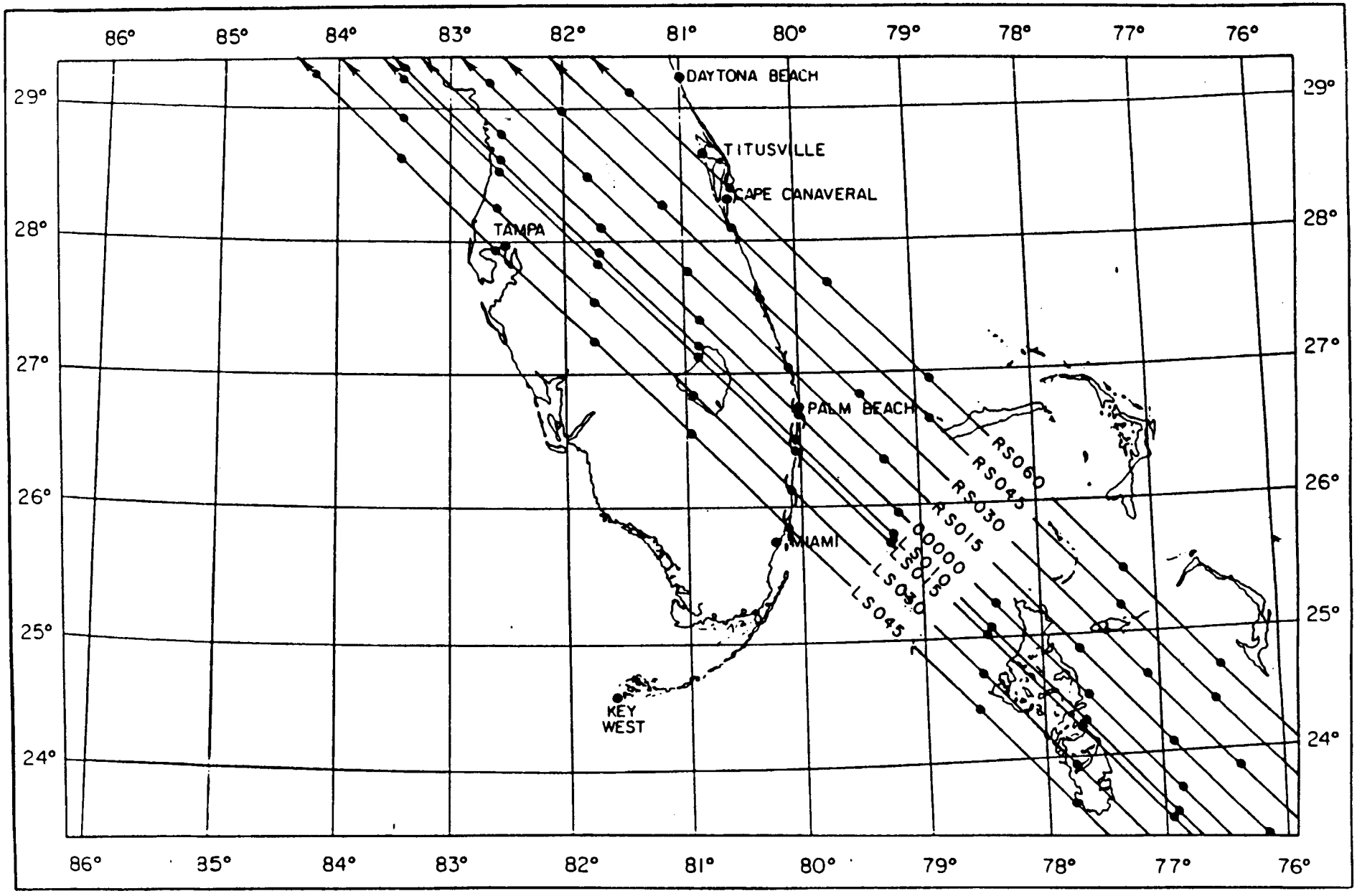


Figure 2-5 Northwest bound storms

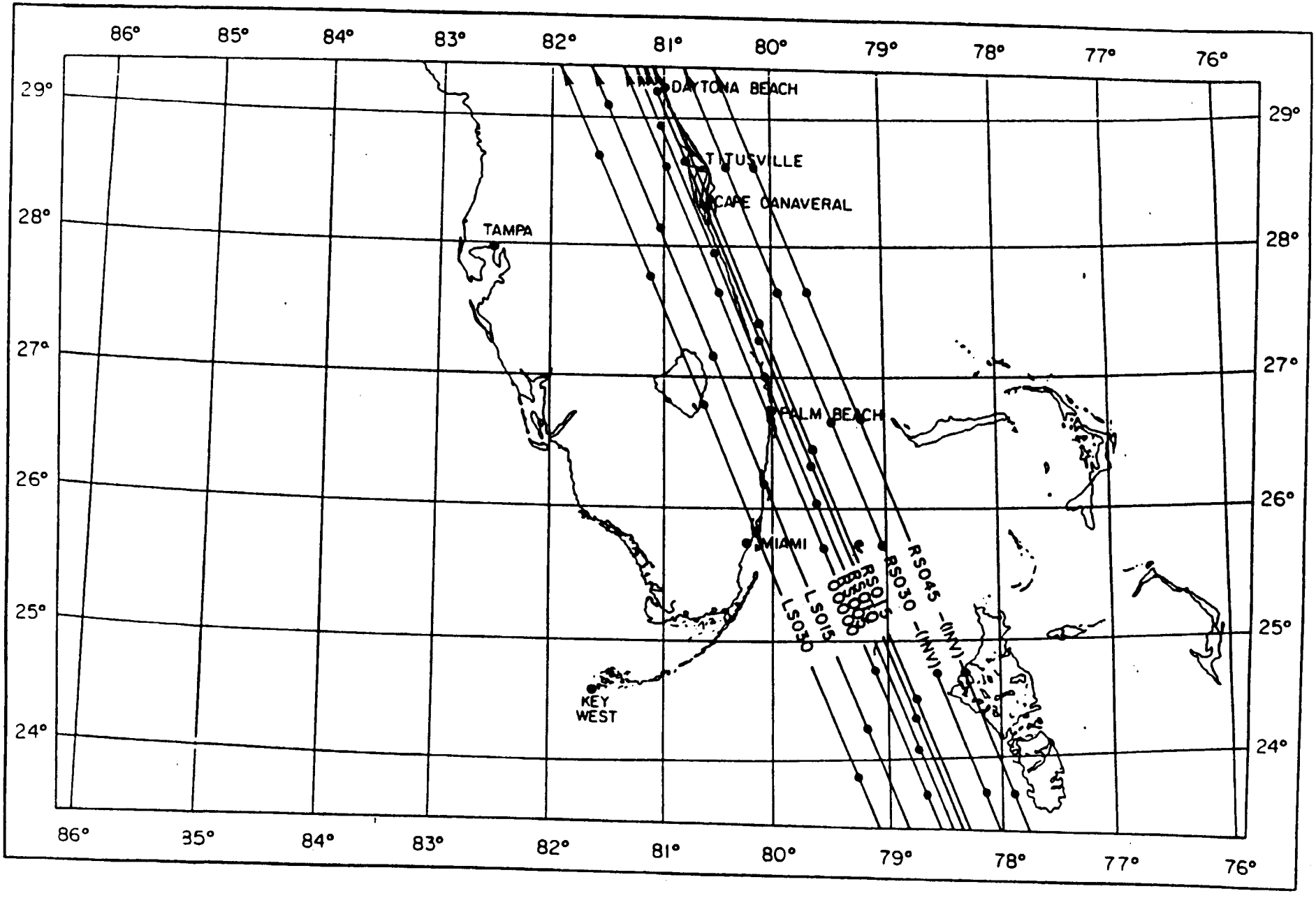


Figure 2-6 North-Northwest bound storms

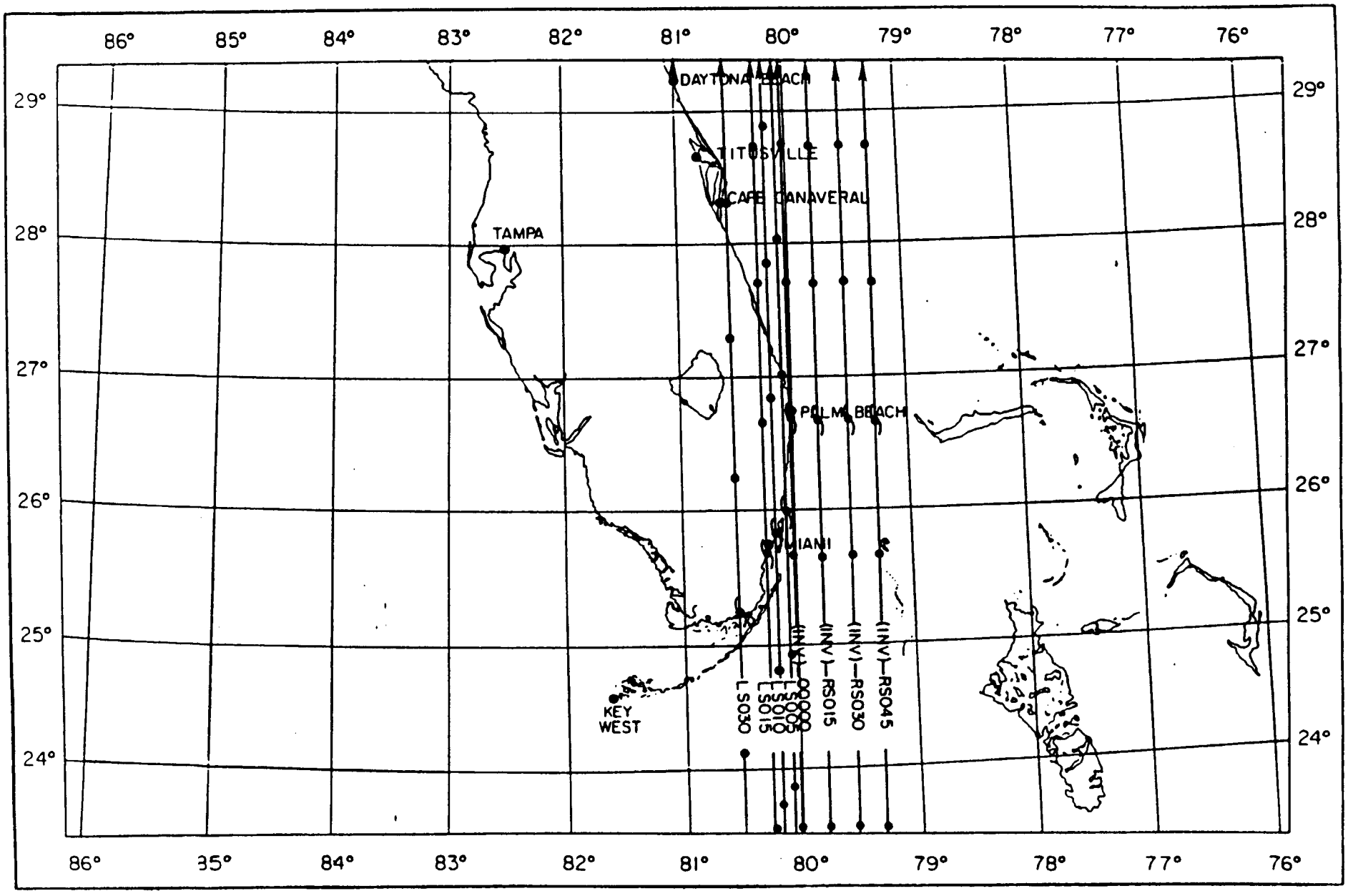


Figure 2-7 North bound storms

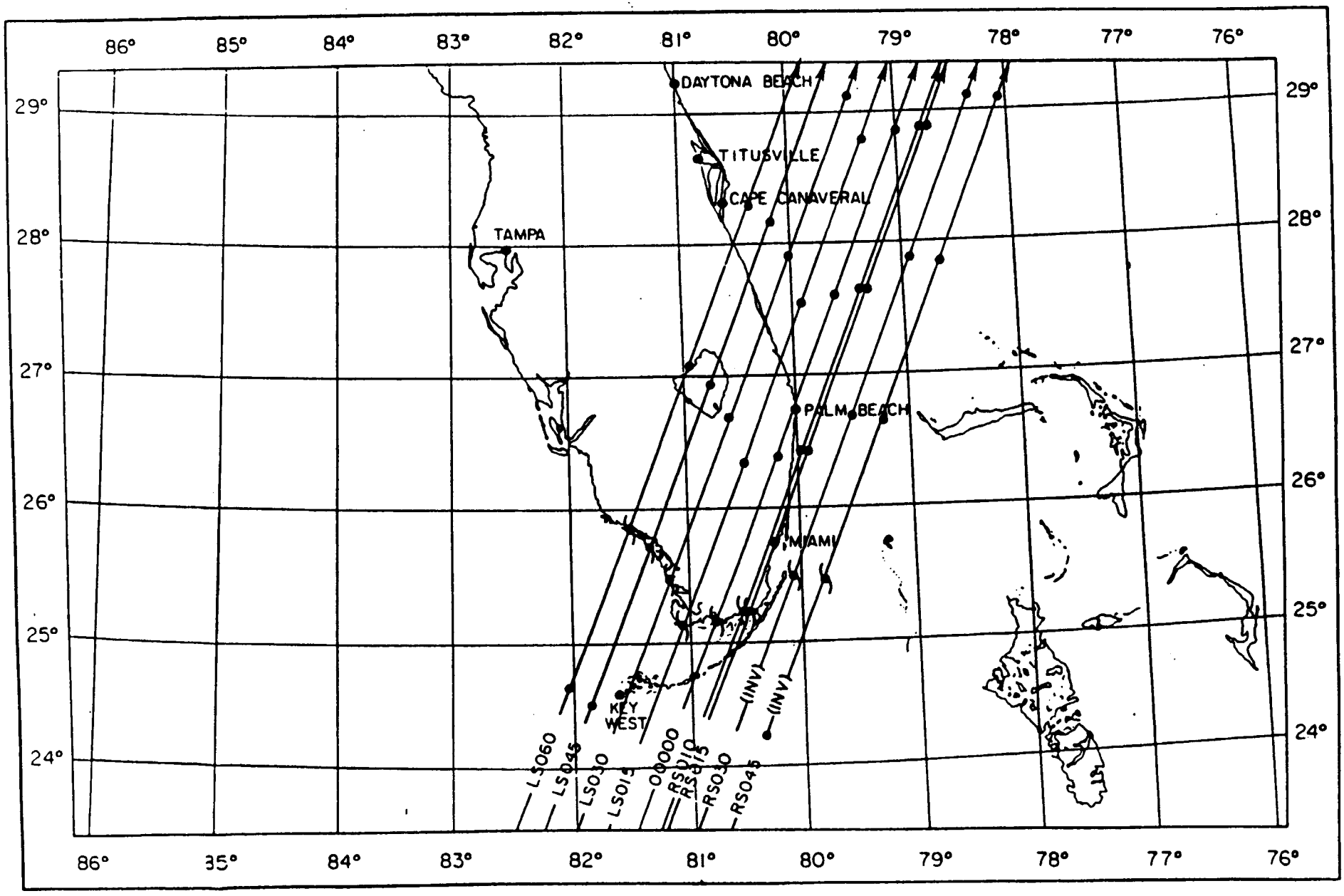


Figure 2-8 North-Northeast bound storms

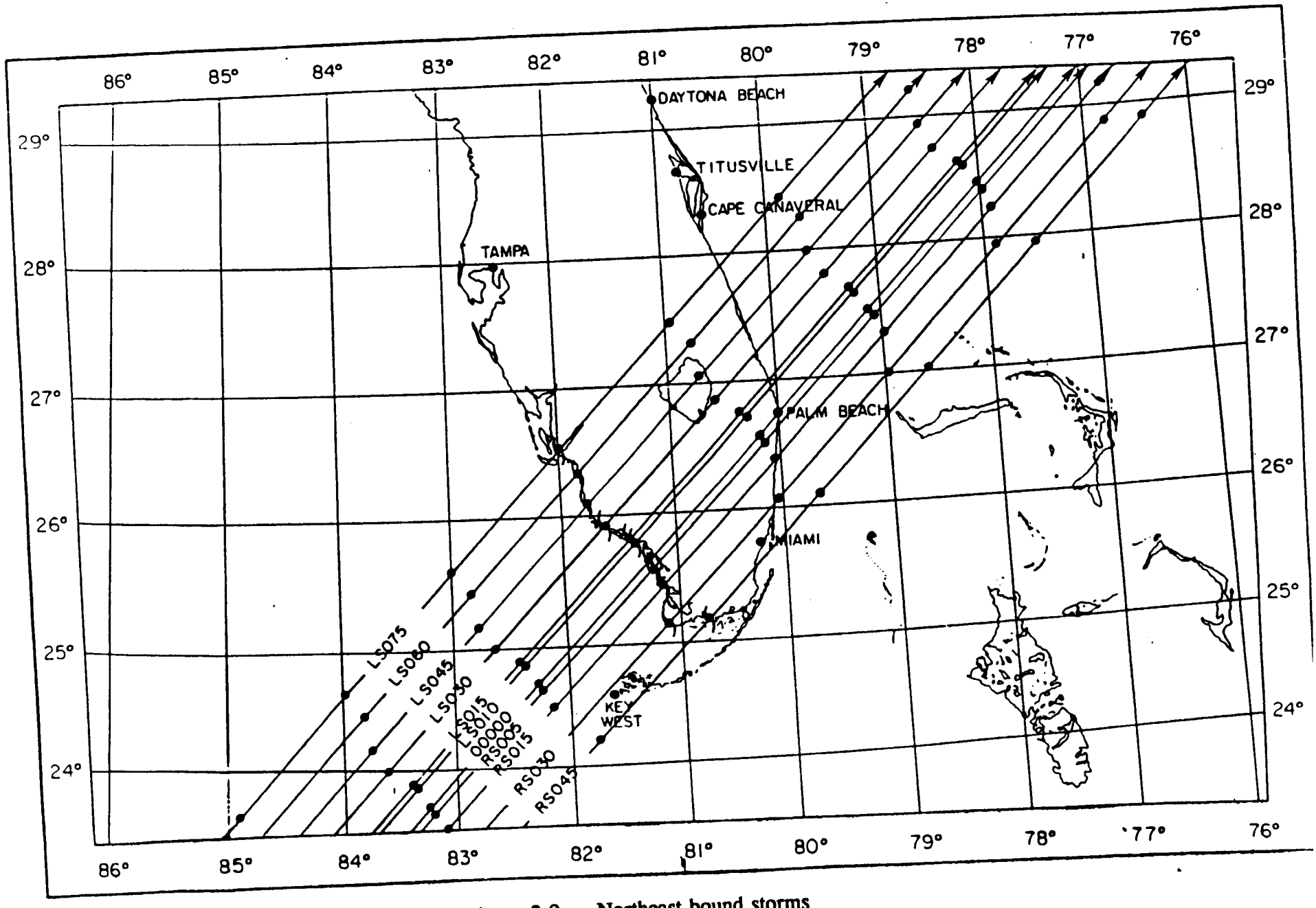


Figure 2-9 Northeast bound storms

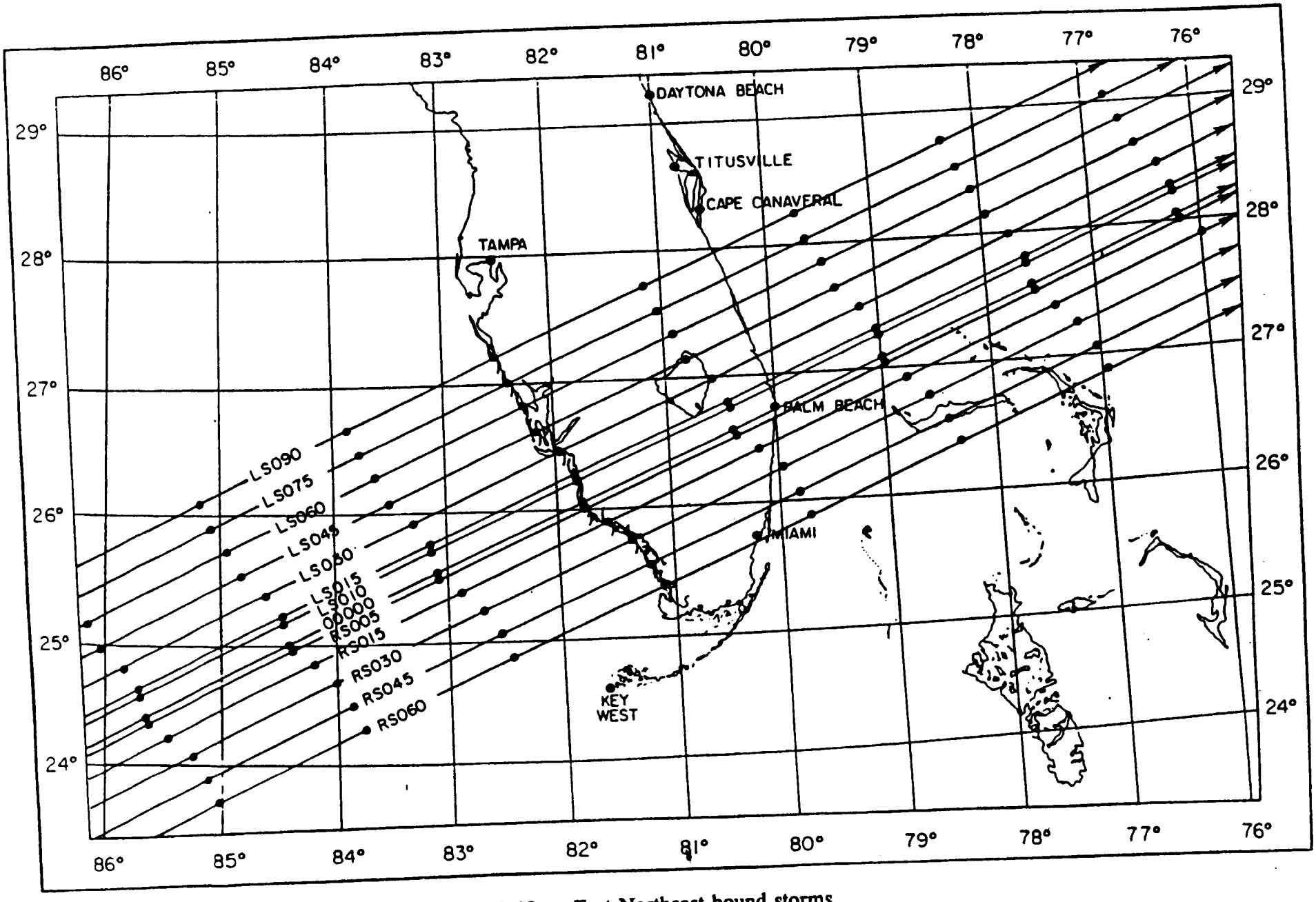


Figure 2-10 East-Northeast bound storms

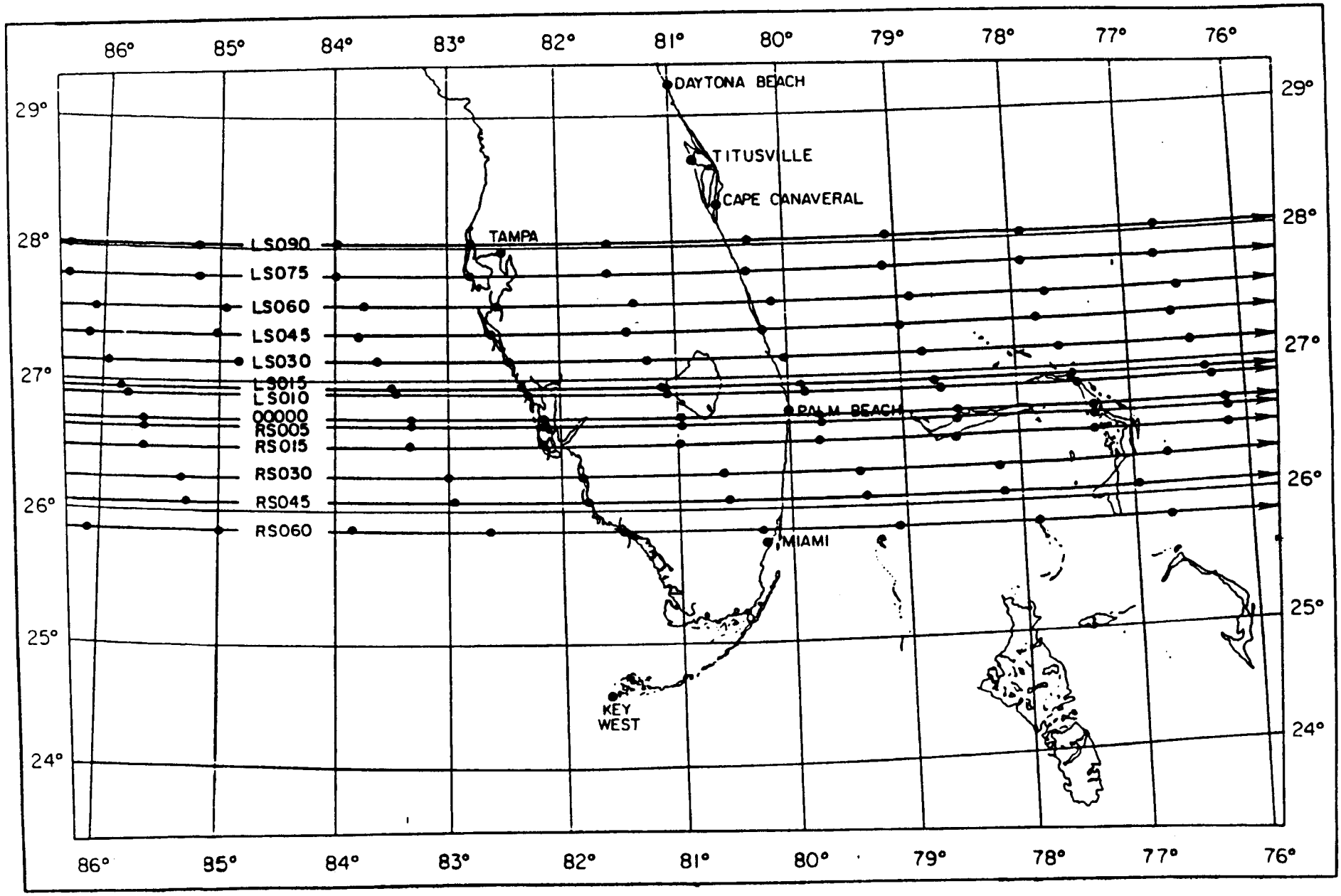


Figure 2-11 East bound storms

2. MAXIMUM ENVELOPES OF WATER (MEOWS).

For a SLOSH model simulation of a discrete hurricane event, one of the data products is the plot of maximum water surface elevation at all grid cells affected by the storm, irrespective of when during the storm that maximum water level was attained. The imaginary surface defined by the maximum water level in each cell is termed the "envelope" of maximum water surface elevations for that storm. The largest individual value of water surface elevation for a particular storm is termed the "peak" surge for that event. The location of the peak surge is highly dependent upon where the storm center crosses the coastline (the landfall point). In most instances, the peak surge from a hurricane occurs to the right of the storm path and within a few miles of where the radius of maximum winds is located. This is largely due to the counter-clockwise rotation of the wind field surrounding the eye of the hurricane (in the northern hemisphere). To the right of the landfall point the winds blow toward the shoreline; to the left of the landfall point the winds blow away from the shoreline. It is important to note, however, during an actual hurricane, the least accurately predictable parameter is the point of landfall. The average error in the official twenty-four landfall position for Atlantic coast tropical cyclones over the 1970 to 1979 period was about 110 nautical miles. The average error in the 12 hour official forecast was 50 nautical miles.

Because of the inability to predict exactly where a hurricane will make landfall, and because it may be necessary to begin evacuations of areas susceptible to hurricane surges as much as 55 hours before landfall, it is necessary to predict potential surge elevations for a given hurricane over a range of potential landfall points. In order to meet this need, the SLOSH model is used to develop a map termed a "MEOW", which is the maximum envelope of water from a number of individual hurricane simulations which differ only in point of landfall of the storm center. In this manner, the maximum water surface elevations for each grid cell are calculated for a particular class of hurricane, defined by direction, forward speed, and intensity, independent of where the storm actually crosses the coastline. An example of a MEOW for a Category 3 hurricane with a 12 MPH forward speed and a northwest track direction is shown on Figure 2-12. The MEOW displays the characteristic distorted geometry which results from transforming the telescoping polar coordinate grid into a rectilinear format. The contour lines show the maximum water surface elevations at all affected points on the grid for all possible landfall points modeled.

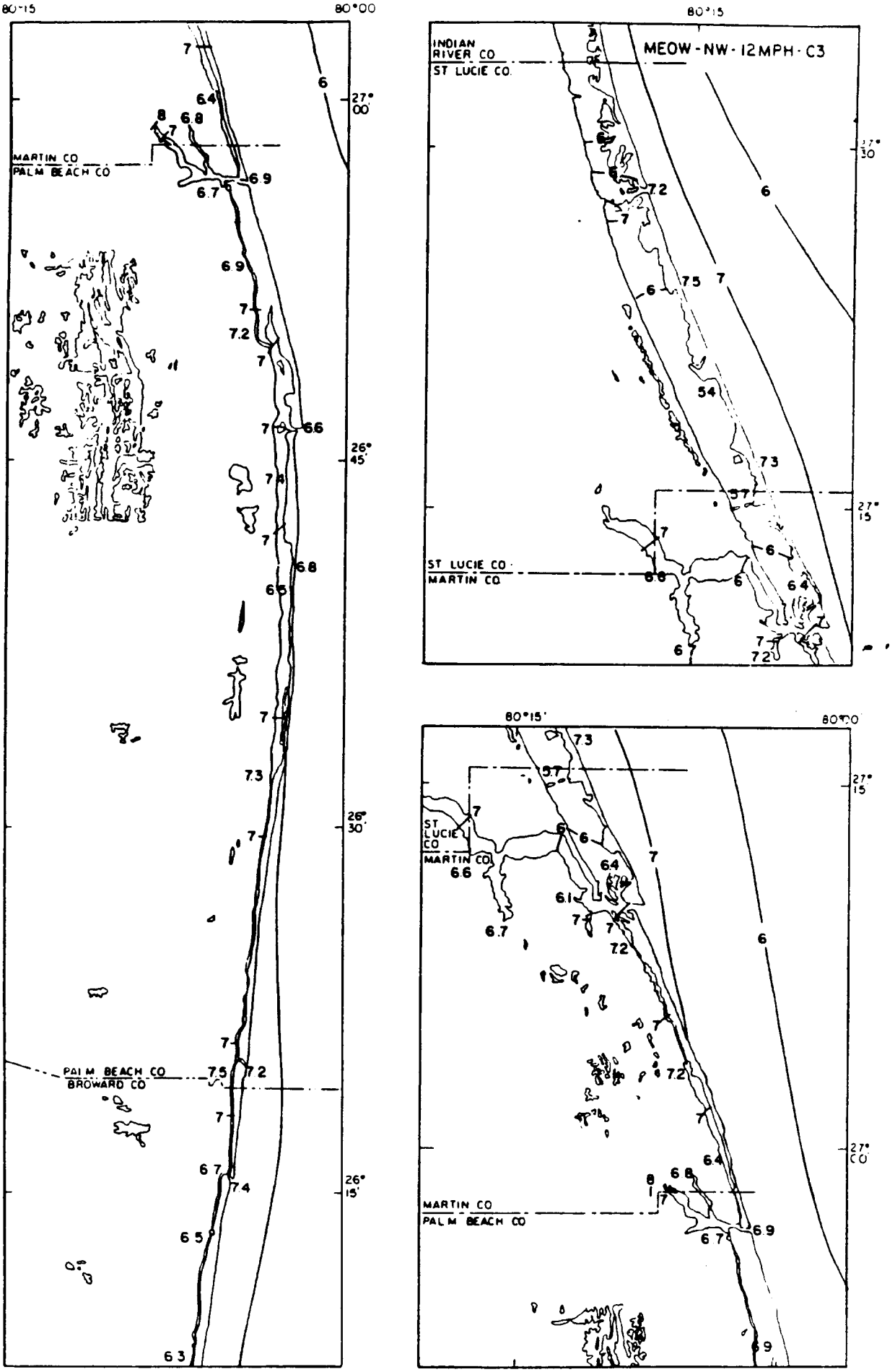

80°15
80°00
27° 00
26° 45
26° 30
26° 15
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST LUCIE CO
MEOW - NW - 12MPH - C3
ST LUCIE CO
MARTIN CO
27° 30
27° 15
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO
27° 00

Figure 2-12

For the Palm Beach Basin, the original 545 SLOSH model runs were grouped so as to produce a total of 50 MEOWs. These 50 MEOWs were then analyzed to determine which changes in storm parameters (i.e., intensity, forward speed, direction) resulted in the greatest differences in the values of the peak surges for all locations in the modeled basin. Table 2-4 illustrates the significant differences in surge heights that result from landfall from different directions.

TABLE 2-4

COMPARISON OF MAXIMUM COMPUTED STORM SURGE ELEVATIONS[1] AT COASTAL LOCATIONS FOR CATEGORY 5

DIRECTION	JUPITER Bch	STUART Bch	FT. PIERCE Inlet	WABASSO Bch
WSW	11.4	12.2	12.9	16.2
W	11.2	12.0	12.3	14.2
WNW	10.7	11.3	11.7	13.0
NW	9.8	10.0	10.5	11.5
NNW	9.0	9.2	10.1	10.3
N	8.0	8.6	9.6	9.9
NNE	5.9	6.1	6.4	7.2
NE	5.6	5.8	6.2	6.9
ENE	5.4	5.8	6.2	6.4
E	5.0	5.2	5.4	5.7

[1] Elevations at High Tide in feet, National Geodetic Vertical Datum.

NOTE: Cape Canaveral SLOSH Basin data used for Wabasso, FL in Indian River County.
Palm Beach SLOSH Basin data used for other locations.

The MEOWs were then further grouped according to overall similarities of predicted envelopes of maximum water level over the entire modeled basin. In general, it was determined that the change in storm intensity accounted for the greatest change in potential surge height for sites on the open coast. Ultimately it was determined that the 50 MEOWs could effectively be grouped into distinct classes of hurricane events defined solely by the

storm intensity. This final grouping was performed in order to provide for the development of hurricane scenarios to be used in the evacuation planning process.

3. County Storm Surge Atlases.

Areas potentially subject to flooding from Category 1, 3, and 5 hurricanes are presented for each County in maps provided with this report (County Hurricane Surge Atlases). These color portfolios were produced at a scale of 1" = 4000'. The differences in areas inundated by categories 2 and 4 were not deemed significant enough to warrant creation of separate inundation mapping. For categories 1, 3, and 5 the constituent MEOWs were evaluated to determine which MEOW produced the highest surge value for all grid cells in the Treasure Coast Region Study area. The highest surge value in each cell was then adopted to define the limits of hurricane surge inundation for each category.

Once the surge heights have been determined for the individual tracks, the maximum surge heights are plotted by storm track and hurricane category. These plots of maximum surge heights for a given storm category and track are referred to as Maximum Envelopes of Water (MEOWs). The surge inundation limits shown on the Storm Tide Atlases reflect a further composite of the MEOWs into Maximums of the Maximums (MOMs). The MOMs represent the maximum surge expected to occur at any given location, regardless of the storm track or direction of the hurricane. The only variable is the intensity of the hurricane represented by category strength. The MOM surge heights were furnished by the National Hurricane Center.

TIME-HISTORY DATA

The purpose of the time-history data is to determine the pre-landfall hazards distance for each of the counties within the Study area. Pre-landfall hazards distance is the distance from the eye of the approaching hurricane to the nearest county (or state) boundary at the time an evacuation would be curtailed due to hazardous weather. For the Treasure Coast Hurricane Evacuation Study, two conditions that could curtail hurricane evacuation were evaluated: the arrival of sustained gale-force winds (34-knot sustained wind speed, 1-minute average) and the onset of storm surge inundation of low-lying roads, bridges, or other critical areas. The first of these two conditions to occur determines the pre-landfall hazard distance.

The time of arrival of sustained tropical storm force winds is one selected goal for completing an evacuation because high-profile vehicles and vehicles pulling campers or boats could easily be overturned, especially on high bridges, by higher wind gusts accompanying those sustained winds.

Such an accident would most certainly cripple or stop traffic flow on that evacuation route. The arrival of sustained tropical force winds is also the time, under the majority of hurricane threats, when the heaviest rainfall begins. Generally, one-half of the total amount of rainfall received from a hurricane occurs from the time of arrival of sustained tropical force winds until the eye reaches the coastline.

The other condition limiting evacuation, the onset of storm surge inundation, will not be a significant factor in most of the Study area prior to the arrival of sustained tropical force winds. Storm surge is the increase in height of the surface of the sea due to the forces of the approaching hurricane. At all 110 SLOSH time-history points the arrival of sustained tropical force winds occurs before the onset of storm surge inundation and, therefore, determines the pre-landfall hazards distance. Evacuation decision making officials should be aware that the coincidence of high astronomical tide with storm surge could cause moderate flooding at low-lying critical points prior to the arrival of sustained tropical force winds.

Since the limiting factor for hurricane evacuation used in this Study is the arrival of sustained tropical force winds, the pre-landfall hazards distance for any county can be defined as the distance to the eye of the approaching hurricane upon the arrival of sustained tropical force winds, or, more simply stated, the radius of sustained tropical force winds of the threatening hurricane. Thus, for the Treasure Coast Hurricane Evacuation Study area, the pre-landfall hazards distance and the radius of sustained tropical force winds are synonymous.

Since the windfields of actual hurricanes can vary significantly from one to another as well as within the same hurricane over time, the observed and forecasted radii of tropical storm winds generated by the National Hurricane Center should be used. This information is contained in the Marine Advisory.

Marine advisories, produced by the National Hurricane Center every 6 hours, give the measured distance in nautical miles of the 34-knot (approximately 40 miles per hour),

1-minute sustained wind speed from the eye of an approaching hurricane. These distances are given for the four quadrants of a hurricane (i.e., northwest, northeast, southeast, southwest). Forecasts of these distances for 12, 24, 48, and 72 hours into the future are also given. The largest measured distances of the radius of 34-knot, 1-minute sustained winds should be used for evacuation decision-making. Further discussion of the application of the radius of tropical force winds to hurricane evaluation decision-making is contained in Chapter 7, Decision Arcs.

Generic radii of tropical storm winds that can be obtained from the SLOSH model time history points should not be used for decision making purposes!

WAVE EFFECT

The SLOSH model does not provide data concerning the additional heights of waves generated on top of the still-water storm surge. Generally, waves do not add significantly to the area flooded by storm surge and can usually be ignored except for locations immediately along the open coastline or the shorelines of very large bays and estuaries where significant fetch (open water) lengths and water depths may exist. Since nearshore wave phenomena under hurricane conditions are not well understood, it is assumed that for the open coast, maximum theoretical wave heights based upon relationships of fetch length to water depth will occur near the time of landfall. Wave heights can be expected to be approximately 55% of the surge depth. Due to the presence of structures, dunes, or vegetation, the waves break and their energy dissipates within a few hundred yards of the coastline.

It is perhaps more important for evacuation planning purposes to consider potential wave effects for less than sustained tropical force wind speeds. The rationale here is to determine if wave action above still-water surge heights will exceed the elevations of roads, bridges, or other critical areas near the coastline, thereby increasing the pre-landfall hazards distances.

Before making calculations of wave height and run-up at critical locations within the Study area, surge heights at the time of arrival of sustained tropical force winds should be considered. A review of the SLOSH time histories show that maximum surges at critical points within the Study area at the time of arrival of tropical force winds are on the order of 3.0 feet or less. Since tides of this magnitude are experienced fairly routinely without major

traffic problems, calculations of wave height and runup were not made; however, evacuation planners should be aware that low-lying sections of some highways could be subject to inundation from wave action prior to the arrival of sustained tropical force winds. This would be especially true with the occurrence of high astronomical tides.

FRESHWATER FLOODING

Amounts and arrival times of rainfall associated with hurricanes are highly unpredictable. For most hurricanes, the heaviest rainfall begins near the time of arrival of sustained tropical force winds; however, excessive rainfall can precede an approaching hurricane by as much as 24 hours. Unrelated weather systems can also contribute significant rainfall amounts within a basin in advance of a hurricane. Due to the unpredictability of rainfall from hurricanes, no attempt was made to employ sophisticated modeling or analysis in quantifying the effects of rainfall for the Treasure Coast Hurricane Evacuation Study area. Areas and facilities which have historically flooded during periods of heavy rainfall are assumed to be vulnerable to freshwater flooding under hurricane threats. Additionally, evacuation planners should be aware of the possibility of rainfall induced ground saturation, which may increase the possibility of trees being overturned, causing road obstructions, power outages, traffic light failures, etc. The Flood Insurance Studies published by FEMA for municipalities within the Study area should be consulted for specific potential freshwater flooding information.

CHAPTER THREE

VULNERABILITY ANALYSIS

PURPOSE

The primary purpose of the vulnerability analysis is to identify the areas, populations, and facilities which are vulnerable to flooding associated with hurricanes. The storm surge data from the hazards analysis were used to map inundation areas, in order to determine evacuation zones and evacuation scenarios for each of the Study area counties; to quantify the population at risk under a range of hurricane intensities; and to identify major medical/institutional and other facilities that are potentially vulnerable to storm surge.

Mobile homes are the only type of housing specifically addressed in the analysis of populations vulnerable to hurricane winds. No attempt was made to identify other housing particularly vulnerable to wind damage. Throughout the region a significant mobile home population living outside the potential hurricane surge areas adds dramatically to the number of hurricane vulnerable people in the area. The Transportation Model Support Document (Appendix E) lists the number of permanent dwelling units, mobile homes, and seasonal units by county and evacuation zone.

HURRICANE EVACUATION ZONES

a. General.

Through the hazards analysis, those areas which will receive hurricane storm surge were identified and graphically shown on the County Storm Surge Atlases. This information became one of the key inputs to the transportation analysis. Residents who must evacuate were defined.

It was assumed that persons living in areas flooded by storm surge should be

evacuated. This evacuee group included permanent residents living in single-family, multi-family, or mobile home units, as well as tourists staying in hotel/motel, condominium, and time share seasonal units located in storm surge vulnerable areas. In addition, mobile home residents living outside the hurricane flooded areas of each county were assumed to evacuate due to high wind vulnerability.

Having identified those areas which should evacuate during a particular storm event, a series of zones to geographically locate and quantify the vulnerable population were developed. Evacuation zones also provide a base to model traffic movements from one geographic area to another. A series of zones was established for each county based on the following factors:

- Zones should relate to expected surge flooding to expected surge flooding limits (based on Maximum Envelope of Water - MEOWs) for each storm scenario.
- Zones should relate well to census, traffic analysis zones, or other date base unit.
- Zones should be set up, if possible, for ease of use in issuing an evacuation order or advisory.
- Zonal boundaries should include identifiable natural features, roadways, landmarks, etc.
- Small "pocket" zones that would be isolated by surrounding surge should be avoided.
- Zones should be able to be served by major evacuation routes.
- Zones should have relatively balanced population levels.
- Zones must allow for appropriate transportation modeling.

Evacuation zones have been developed for each of the four (4) counties in the Treasure Coast Region Hurricane Evacuation Study. Each of the evacuation zones are delineated as much as possible using major natural or manmade geographic features and conform to existing political or demographic boundaries (i.e., census tracts or traffic analysis zones) within the county. The purpose of this delineation is to aid in the development of population data to be used in traffic modeling; to determine sheltering requirements; and to facilitate

future updating.

There were 31 Evacuation Zones established for Indian River County; 29 for St. Lucie County; 41 for Martin County; and, 53 for Palm Beach County. More data on the Evacuation Zones and their assumed vulnerability is contained in Chapter 6 - Transportation Analysis.

b. Zone Descriptions.

Zone descriptions and delineations are shown on the Traffic Evacuation Zone Maps in Chapter 6.

HURRICANE EVACUATION SCENARIOS

a. General.

Hurricane evacuation scenarios have been developed for each of the four counties in the Study area. The evacuation scenarios are groups of evacuation zones that will be threatened by storm surge from specific hurricane intensity categories. In many instances, the same evacuation zones are threatened by a range of intensity categories. In those cases, the zones requiring evacuation have been combined into evacuation scenarios based on combinations of hurricane intensities.

b. County Scenarios.

Storm scenarios developed for each of the Study area counties are shown in Table 6-1. Table 6-2 contains the hurricane evacuation scenarios and lists the evacuation zones comprising each scenario. The storm scenarios are also shown in Table 3-A. These scenarios are illustrated on County Evacuation Zone maps, Figures 6-2 through 6-6.

VULNERABLE POPULATION

The vulnerable population within each of the Study area counties is comprised of those persons residing within the evacuation zones subject to storm surge, as well as the residents of mobile homes located elsewhere in the county. Due to their greater vulnerability to the strong winds associated with hurricanes mobile home residents are included in calculations of vulnerable population. The wide spread wind destruction from Hurricane Andrew has forced us into considering other modest or weak structures to be vulnerable as well. The potential tourist population, based on the number of occupied tourist units, is also included in the population of each evacuation zone. Table 3-1 lists the vulnerable population for each of the hurricane evacuation scenarios based on 1990 population data.

INSTITUTIONS/MEDICAL FACILITIES

Inventories of institutions/medical facilities have been compiled for each of the Study area counties. The purpose of this analysis is to identify facilities which may require evacuation, or may have access affected under various hurricane threats. Lists of major institutions/medical facilities in or near inundated areas are presented in Tables 3-2 through 3-5. An evaluation should be made for each facility to determine actual susceptibility to flood damage from localized drainage problems and special flood hazard areas, as well as from surge. It would be advisable to evaluate the potential damage to be expected from winds for all special facilities. The general locations of the facilities are given in the tables. Public shelter locations are given in Chapter 5.

TABLE 3-1

TREASURE COAST REGION

VULNERABLE POPULATION BY STORM SCENARIO AND COUNTY

COUNTY	ZONES	STORM SCENARIOS	SAFFIR-SIMPSON CATEGORY	VULNERABLE POPULATION (BY SEASONAL OCCUPANCY)	
				LOW[1]	HIGH[2]
INDIAN RIVER	31	A	1-2	39,200	42,500
		B	3-5	53,700	57,000
		Post Andrew	3-5	60,300	63,600
ST. LUCIE	29	A	1-2	67,900	84,300
		B	3-5	77,000	93,500
		Post Andrew	3-5	92,300	108,700
MARTIN	41	A	1-2	45,200	50,100
		B	3	66,800	71,700
		C	4-5	77,200	82,100
		Post Andrew	4-5	81,900	86,700
PALM BEACH	53	A	1-2	171,600	184,400
		B	3	228,800	243,600
		C	4-5	255,100	270,900
		Post Andrew	4-5	389,800	410,400

[1] "Low" refers to the summer season.
[2] "High" refers to the late fall season.

Note:
Storm scenario A includes Categories 1 & 2 - See "Storm Scenarios," page 6-6.
Storm scenario B includes Cat 3 (- 5) - See "Storm Scenarios," page 6-6.
Storm scenario C includes Cat 4 & 5 - See "Storm Scenarios," page 6-6.
Post Andrew scenario includes Cat 4 & 5 - See "Storm Scenarios," page 6-6.

TABLE 3-2

INDIAN RIVER COUNTY
INSTITUTIONS/MEDICAL FACILITIES[1]

NO.	LOCATION	FACILITY	TYPE	FLOOD ZONE	SURGE ZONE
1	1000 36th St, VB	Indian River Memorial Hospital	Hosp.	X	2-3
2	13695 US Hwy 1	Humana Hospital-Sebastian	Hosp.	X	4-5
3	1310 37th St, VB	Indian River Village Care Center	Nurs.	X	4-5
4	1755 37th St, VB	Palm Garden of Vero Beach	Nurs.	X	4-5
5	2180 10th Ave, VB	Royal Palm Convalescent Center	Nurs.	X	2-3

NOTES:

[1] Only those medical facilities and institutions in the general vicinity of storm surge vulnerable areas are listed.

[2] Part of the City of Vero Beach is within the 100-year flood plain (elevation: 6-8 ft. NGVD); additional portions of the City are potentially subject to inundation [see Indian River County Hurricane Storm Surge Maps].

[3] For a detailed assessment of potential flood vulnerability lowest floor elevations should be compared to flood elevations determined by the FIS (100 yr. flood elevation: 6-8 ft. NGVD) and maximum surge elevations calculated by the SLOSH Model [see Indian River County Hurricane Storm Surge Map].

TABLE 3-3

ST. LUCIE COUNTY
INSTITUTIONS/MEDICAL FACILITIES[1]

NO.	LOCATION	FACILITY	TYPE	FLOOD ZONE	SURGE ZONE
1	800 Ave H, Ft P	New Horizon Treatment Center	Hosp.	X	Dry
2	1700 S 23rd St	Lawnwood Medical Center, Ft Pierce	Hosp.	X	Dry
3	700 S 29th St	Abbie Jean Russell Care Center, Ft P	Nurs.	X	Dry
4	611 S 13th St	Sunrise Manor Nursing Home, Ft P	Nurs.	X	Dry
5	703 S 29th St	Ft. Pierce Care Center, Ft P	Nurs.	X	Dry
6	7300 Oleander Blvd	Port St. Lucie Convalescent Center	Nurs.	X	Dry
7	1800 SE Tiffany Av	Port St. Lucie Hospital	Hosp.	X	Dry
8	2550 SE Walton Rd	Savannas Hospital, Pt St Lucie	Hosp.	X	Dry
9	1655 SE Walton Rd	Savanna Cay Manor, Pt St Lucie	Nurs.	X	Dry
10	1751 SE HillmoorDr	Palm Garden Treatment Center, Pt St L	Nurs.	X	Dry

NOTES:

[1] Only those medical facilities and institutions in the general vicinity of storm surge vulnerable areas are listed.

[2] Part of the City of Ft. Pierce is within the 100-year flood plain (elevation: 5-10 ft. NGVD); additional portions of the City are potentially subject to inundation [see St. Lucie County Hurricane Storm Surge Maps].

[3] For a detailed assessment of potential flood vulnerability lowest floor elevations should be compared to flood elevations determined by the FIS for the NFIP (100 yr. flood elevation: 5-10 ft. NGVD, and higher for some riverine flooding) and maximum surge elevations calculated by the SLOSH Model [see St. Lucie County Hurricane Storm Surge Map].

TABLE 3-4

MARTIN COUNTY
INSTITUTIONS/MEDICAL FACILITIES[1]

NO.	LOCATION	FACILITY	TYPE	FLOOD ZONE See Note[2,3]	SURGE ZONE
1	1700 SE Monterey Rd	YMCA	Inst.		
2	1500 Palm Beach Rd	Stuart Convalescent Center	Nurs.		
3	9555 SE Fed. Hwy	Manors of Hobe Sound	Nurs.		
4	4801 SE Cove Rd	Salerno Bay Manor, Stuart	Nurs.		Cat 5
5	800 Central Pkwy	National Health Care, Stuart	Nurs.		
6	11301 SE Tequesta	Sandy Pines Adolescent Psych.	Hosp.		
7	300 Hospital Ave	Martin Memorial Hospital, Stuart	Hosp.		Cat 5
8	SE Salerno Rd	Martin Memorial Hospital South, Stuart	Hosp.		
9	4001 NE Savannah Rd	Hibiscus House, Jensen Beach	Res.		
10	16450 SE Fed Hwy	Jonathan Dickenson Stop Camp, Hobe Snd	Res.		
11	1490 SE Cove Rd	Samaritan House for Boys, Stuart	Res.		
12	1000 E 14th St	Sandpiper Cluster, Stuart	Res.		
13	410 California Ave	Retarded Citizens Mens, Stuart	Res.		
14	9601 Fox Brown Rd	T/M Ranch, Indiantown	Res.		
15	8808 Rigdon Hwy	The Happy Home Manor I, Hobe Sound	Nurs.		
16	8995 SE Bahama Cir	The Happy Home Manor II, Hobe Sound	Nurs.		
17	CR 609, Indiantown	Martin Drug Intervention	Inst.		
18	1150 Allapattah Rd	Martin Correctional Institute	Inst.		
19	100 Allapattah Rd	Martin County Vocational, Indiantown	Inst.		
20	800 SE Monterey Rd	Martin County Jail, Stuart	Inst.		
21	1083 E 14th St	New Horizons of the Treasure Coast, Stuart	Res.		
22	1427 NE Cedar St	Senior Citizens Home Care, Jensen Beach	Nurs.		
23	2750 SE Ocean Blvd	Ocean Palms, Stuart	Res.		
24	1801 NE Jen Bch Bvd	Emergi Centre, Jensen Beach	Med.		
25	3228 SW MartinDowns	Coastal Medical Care, Palm City	Med.		
26	8803 SE Bridge Rd	Coastal Medical Care, Hobe Sound	Med.		
27	153rd St	Indiantown Comm Health Center	Med.		

NOTES

[1] Only those medical facilities and institutions in the general vicinity of storm surge vulnerable areas are listed.

[2] Part of the City of Stuart is within the 100-year flood plain (elevation: 6-8 ft. NGVD); additional portions of the City are potentially subject to inundation [see Martin County Hurricane Storm Surge Maps].

[3] For a detailed assessment of potential flood vulnerability lowest floor elevations should be compared to flood elevations determined by the FIS (100 yr. flood elevation: 6-8 ft. NGVD) and maximum surge elevations calculated by the SLOSH Model [see Martin County Hurricane Storm Surge Map].

TABLE 3-5

PALM BEACH COUNTY
INSTITUTIONS/MEDICAL FACILITIES[1]

NO.	LOCATION	FACILITY	TYPE	FLOOD ZONE	SURGE ZONE[2,3]
1	601 S U.S. Hwy 1	Waterford, Juno Beach	Nurs.	C	1-5
2	206 Palm Bh Lakes	St. Anthony's Retirement Home, WPB	Nurs.	C	
3	715 Douglas Ave	Virgo Res. Retirement Home, WPB	Nurs.	C	
4	4384 Purdy Ln	Home Away From Home, WPB	Nurs.	Not Listed	
5	417 Westwood Rd	Wyndham House, WPB	Nurs.	C	
6	1300 15 St	Convalescent Center of PB, WPB	Nurs.	B	
7	314 Tenth St	St. Anthony's Extended Care, WPB	Nurs.	C	
8	300 Executive Dr	Palm Garden, WPB	Nurs.	B	
9	6805 S Verde Trail	St. Andrews Estates South, Boca Raton	Nurs.	AO	
10	1401 S Olive St	St. Anthony's South, WPB	Nurs.	C	
11	208 Lakeview Ave	Lakeview Manor Nursing Home, WPB	Nurs.	Deleted	
12	315 S Flagler Dr	Lourdes-Noreen Res. Geriat. Care, WPB	Nurs.	A5	1-5
13	9072 Old Dixie Hwy	White Palms Ret. Village, Lake Park	Ret.	C	
14	750 Bayberry Dr	Continental Medical, Lake Park	Nurs.	Not Listed	
15	2831 Avenue "S"	Sutton's Home for the Aged, Riviera B	Nurs.	Not Listed	
16	669 W 6 St	Dawson Adult Care, Riviera Beach	Nurs.	C	
17	125 Old Dixie Hwy	Willia's Bahama Home Care Center, RB	Nurs.	C	
18	1651 W 35 St	Beulah Bryant's Boarding Home, RB	Nurs.	B	
19	1891 W 13 St	Price's Home for the Aged, RB	Nurs.	C	
20	138 W 18 St	Winterrath Retirement Home #2, RB	Ret.	Deleted	
21	154 W 18 St	Winterrath Retirement Home #1, RB	Ret.	Deleted	
22	1209 W 10th St	Hayes Group Home, Inc., RB	Ret.	B	
23	701 9th St N	Sider's Adult Living Facility, RB	Ret.	C	
24	3400 Ave "T"	Simmon's Boarding Home, RB	Ret.	B	
25	7001 S Dixie Hwy	Southland Mental Health Center, WPB	Med.	Not Listed	
26	1200 Surf Rd	Harbor House ACLF, RB	Ret.	Not Listed	
27	881 Prairie Rd	Harris Boarding House, WPB	Ret.	Not Listed	
28	3601 Broadway	Broadway Home Care, Inc., WPB	Nurs.	C	
29	2501 Australian Av	Lakeside Health Center, WPB	Med.	B	
30	1200 45th St	PB Co. Home & Gen. Care Facility, WPB	Nurs.	B	
31	2806 Broadway	Century Care Home, Inc., WPB	Nurs.	Deleted	
32	104 Champions Run	Albino's ACLF, RB	Ret.	B	
33	411 26th St	Willow's Retirement Home, WPB	Ret.	C	
34	5701 N Dixie Hwy	Williams Home Care Center, WPB	Nurs.	Not Listed	
35	1101 54th St	King David Center at PB, WPB	Nurs.	C	

TABLE 3-5

PALM BEACH COUNTY
INSTITUTIONS/MEDICAL FACILITIES[1]

NO.	LOCATION	FACILITY	TYPE	FLOOD ZONE	SURGE ZONE
36	4847 F Gladstone	J.L. Morse Geriatric Center, WPB	Nurs.	B	
37	325 36th St	Flagler Retirement Home, WPB	Ret.	C	
38	817 11th St	W.T. Holding Co., WPB	Ret.	Not Listed	
39	3300 Broadway	Palm Beach Elder Care, WPB	Nurs.	C	
40	601 S US Hwy 1	Waterford Health Care Center, Juno Bh	Med.	C	1-5
41	2170 PB Lakes Blvd	Darcy Hall Nursing Home, WPB	Nurs.	B	
42	14092 Leeward Way	Ceslow's Residence II, Lake Park	Ret	Not Listed	
43	100 Bob White Ct	Royal Manor, WPB	Ret.	B	
44	1626 Davis Rd	W.P.B. Village Care Center	Nurs.	B	
45	5065 Wallis Rd	Haverhill Care Center, WPB	Nurs.	B	
46	5100 Cresthaven	Cresthaven East, WPB	Ret.	B	
47	6414 13th Rd S	Medplex (Former New Medico), PB	Nurs.	B	
48	7357 Wilson Rd	Collier Place, Lake Cloud	Ret.	B	
49	14327 69 Dr	Ceslow's Residence I, PB Gardens	Ret.	Not Listed	
50	3005 S Congress Av	Village at Manor Park, Boynton Beach	Ret.	B	
51	5051 Palmetto Cr N	Veranda Club, Boca Raton	Ret.	Not Listed	
52	1341 SW Ave "D"	Peavey's Retirement, Inc., Belle Glade	Ret.	B	
53	3800 N Federal Hwy	The Fountains, Boca Raton	Ret.	C	
54	375 NW 51st St	Manor Care of Boca Raton	Nurs.	C	
55	299 NE 15 Ter	Robinson Boarding Home, Boca Raton	Ret.	C	
56	755 Meadows Rd	Boca Raton Convalescent Ctr	Nurs.	B	
57	6152 N Verde Trail	St. Andrews Est. Medical Ctr, BR	Med.	AO	
58	7300 Del Prado S	Whitehall Boca Raton	Ret.	B	
59	23315 Blue Water	Edgewater Pointe Estates, BR	Ret.	B	
60	23305 Blue Water	Edgewater Pointe Est. Med. Fac., BR	Med.	B	
61	6363 Verde Trail	Regents Park of Boca Raton	Ret.	AO	
62	1700 NE 4 St	Florida Four Seasons Manor, Boynton Bh	Ret.	Not Listed	
63	1613 SW Third St	Adult Care Res. Boynton Beach	Nurs.	C	
64	3001 S Congress Av	Manor Care of Boynton Beach	Nurs.	A9	
65	1120 N Federal Hwy	Rustic Retreat Retirement Home, BB	Ret.	B	
66	2839 S Seacrest Bl	Blvd Manor Nursing Center, BB	Nurs.	C	
67	401 E Linton Blvd	Harbor's Edge, Delray Beach	Ret.	A3	1-5
68	401 E Linton Blvd	Harbor's Edge Health Care, Delray B	Med.	A3	1-5
69	1200 S Dixie Hwy	Golden Paradise Ret. Home, Delray B	Ret.	Not Listed	

TABLE 3-5

PALM BEACH COUNTY
INSTITUTIONS/MEDICAL FACILITIES[1]

NO.	LOCATION	FACILITY	TYPE	FLOOD ZONE	SURGE ZONE
70	48 SE 1st Ave	Mariposa, Delray Beach	Ret.	C	
71	14555 Sims Rd	Heritage Park, Ltd., Delray Beach	Ret.	D	
72	13132 Barwick Rd	Eldercare II, Delray Beach	Nurs.	Not Listed	
73	2000 Lowson Rd	Abbey Delray, Delray Beach	Ret.	D	
74	1717 Homewood Bl	Abbey Delray South, Delray Beach	Ret.	D	
75	1717 Homewood Bl	Health Ctr at Abbey Delray South	Ret.	D	
76	2105 SW 11th Ct	Health Ctr at Abbey Delray	Med.	D	
77	14565 Sims Rd	Colonial Inn, Heritage Park, DB	Ret.	D	
78	5430 Linton Blvd	Hillhaven Conv. Ctr, DB	Nurs.	B	
79	17579/83/87 Carver	C.H.E. Home for Adults, Jupiter	Ret.	B	
80	1230 S Old DixieHy	Jupiter Convalescent Pavilion	Nurs.	B	
81	17781 Yancy Rd	Jupiter Care Center	Nurs.	B	
82	1711 6th Ave S	Eason Nursing Home, Lake Worth	Nurs.	C	
83	504 Third Ave S	Crest Manor Nursing Home, Lake Worth	Nurs.	C	
84	1201 12th Ave S	Maclen Rehab Center, Lake Worth	Nurs.	C	
85	1711 6 Ave S	Eason Boarding Home, Lake Worth	Ret.	C	
86	2501 N "A" St	Avante (Frmr LW Health Care Ctr)	Med.	A7	Cat 5
87	1710 Lucerne Ave	Medicana Nursing Center, Lake Worth	Nurs.	C	
88	4405 Lakewood Rd	Sutton Place Conv. Center, Lake Worth	Nurs.	B	
89	3486 Rostan Ln	Ann & Jan Retirement Villa, Lake Worth	Ret.	Not Listed	
90	3599 S Congress Av	Regency Health Care Center, Lake Worth	Med.	B	
91	1800 South Dr	American Finnish Nursing Home, LW	Nurs.	B	
92	1800 South Dr	Finnish American Rest Home, LW	Nurs.	B	
93	7796 Overlook Rd	V. J. Residence, Lantana	Ret.	Not Listed	
94	3061 Donnelly Dr	Meridian House Asst. Liv. Ctr, Lantana	Nurs.	B	
95	2180 Hypoluxo Rd	Ridge Ter. Health Care Center, Lantana	Med.	C	
96	4445 Pine Forest Dr	H.I. Loutitt Health Care Ctr, Lake Worth	Med.	B	
97	4905 Lantana Rd	Palms of Lake Worth	Ret.	B	
98	428-32 S "F" St	Morgan's Retirement Home, Lake Worth	Ret.	C	
99	6026 Old Congress	Atlantis Nursing Center, Lake Worth	Nurs.	A5	
100	1104 East Rd	D.C. Lee Retirement Care Home, Loxah.	Nurs.	Not Listed	
101	2501 Rustic Ranch	Guardian Angel Adult Care, Loxahatchee	Nurs.	Not Listed	
102	16031 Rustic Rd	Guardian Angel Adult Care II, Loxah.	Nurs.	Not Listed	
103	16701 W Okeechobee	Lee's Country Comfort, Elderly, Loxah.	Ret.	Not Listed	

TABLE 3-5

PALM BEACH COUNTY
INSTITUTIONS/MEDICAL FACILITIES[1]

NO.	LOCATION	FACILITY	TYPE	FLOOD ZONE	SURGE ZONE
104	2700 Broadway	Marriot's Home Care, West Palm Beach	Nurs.	C	
105	230 S Barfield Hwy	Glades Health Care Center, Pahokee	Med.	B	
106	12775 169th Ct	Jurglyn's Retirement Home, Jupiter	Ret.	Not Listed	
107	5859 Heritage Pkwy	Heritage Park West (Affl.), Delray Beach	Ret.	D	
108	5858 Heritage Pkwy	Colonial Inn West, Delray Beach	Ret.	D	
109	1150 NW 15th St	Meadowbrook Manor of Boca Cove	Ret.	Not Listed	
110	1130 NE 15th St	Meadowbrook Manor of Boca Cove	Ret.	Not Listed	

NOTES

[1] County is developing software to provide a more complete listing of medical facilities and institutions.

[2] Part of the City of West Palm Beach is within the designated 100-year flood plain (elevation: 12-16 ft. NGVD); additional portions of the City are potentially subject to inundation [see Palm Beach County Hurricane Storm Surge Maps].

[3] For a detailed assessment of potential flood vulnerability, lowest floor elevations should be compared to flood elevations determined by the FIS for the NFIP (100 yr. flood elevation: 12-16 ft. NGVD in some areas) and maximum surge elevations calculated by the SLOSH Model [see Palm Beach County Hurricane Storm Surge Map].

CHAPTER FOUR

BEHAVIORAL ANALYSIS

PURPOSE

The behavioral analysis is intended to provide reliable estimates of how the public in the Study Area will respond to a variety of hurricane threats. The estimates include the percentages of persons in specific locations that can be expected to evacuate, when they will evacuate relative to an evacuation advisory, and where they will seek shelter. These estimates are utilized in establishing assumptions to be used in other Study analyses and for guidance in emergency decision-making and public awareness efforts.

OBJECTIVES

The primary objective of the Treasure Coast Region Hurricane Evacuation Study behavioral analysis was to provide public evacuee response data for use in the shelter analysis and the transportation analysis. It also provides for guidance in emergency decision-making and public awareness efforts. The specific objectives of the Behavioral Analysis were to determine the following:

a. The percentages of the affected and non-affected population that will evacuate under a range of hurricane threat situations or in response to evacuation advisories. The term "affected population" refers to those persons residing near the coastline, the shorelines of estuaries, or in areas of low elevation near those locations that are subject to the hazards of flooding. The affected population also includes those persons residing in mobile homes or substandard housing which may be at risk from the winds associated with a hurricane. The term "non-affected population" refers to those individuals who are not threatened by storm surge or freshwater flooding and have substantial housing affording protection against winds expected to occur during a hurricane. It is known that a number of these non-vulnerable individuals evacuate

along with the vulnerable population and contribute to the evacuating traffic and shelter demand during a hurricane threat.

b. When the evacuating population will leave in relation to an evacuation advisory given by local officials or other persons of authority.

c. The number of vehicles that the evacuating population will use during a hurricane evacuation.

d. The percentage of the total number of evacuating vehicles which may be towing boats, camper trailers, or other vehicular equipment.

e. The probable destinations of evacuating households. These data consist of percentages of the total number of evacuees going to local public shelters, staying locally with friends or relatives, staying locally in a hotel/motel, or leaving the county for out-of-region destinations.

f. How the threatened population will respond based upon forecasts of hurricane intensity, probability, or other information provided during a hurricane emergency.

g. The evacuation responses of tourists.

DATA SOURCES

The primary data source for the Treasure Coast Hurricane Evacuation Study was the Report, "Behavioral Assumptions for Hurricane Evacuation Planning in the Treasure Coast Region," February 1993. The report relied on a reanalysis of data originally collected for an earlier report prepared in 1983. In addition, a follow-up report was produced - "Post-Andrew Behavioral Analysis for Hurricane Evacuation Planning in the Treasure Coast Region of Florida," October 1993. Both reports were produced for the Study by Hazards Management Group, Inc. These reports are included as Appendices to this report.

A. Sample Surveys.

The February 1993 report included survey findings about public response in Indian River, St. Lucie, and Martin Counties during Hurricane David in 1979, as well as hypothetical response data from those counties. It also utilized survey data collected in Palm Beach County as part of the Southeast Florida behavioral analysis prepared in 1990.

B. Hypothetical Responses from Other Areas.

Much hypothetical response data has been collected, but it can rarely ever be used literally for quantitative forecasts. It does have some utility when carefully used, however. There are certain biases in hypothetical response data, which can be adjusted to account for those known biases.

Actual response data from many hurricane evacuations spanning a wide geographical area has been amassed by Hazards Management Group. They have recorded a variety of hurricane threat circumstances over a period of roughly three decades. Their General Response Model has been used successfully in evacuation plans along the Gulf and Atlantic coasts, including the Treasure Coast region in 1988, and was enhanced by surveys conducted after Hurricane Andrew measuring public response.

C. Post-Hurricane Response Studies.

A survey was conducted in 1982 to document how Treasure Coast residents responded during Hurricane David in 1979 (Treasure Coast Regional Planning Council, 1983). Data from that survey is cited and compared to responses normally observed in similar circumstances in the February 1993 Behavioral Analysis report. The 1982 survey asked Treasure Coast residents what they would do in future hurricanes. Those hypothetical responses will be compared to what people actually did in David, to other hypothetical surveys, and to responses indicated by the General Response Model.

The extreme destruction caused by Hurricane Andrew in south Dade County prompted concerns about how that storm might affect future response in the Treasure Coast region. The report titled "Post-Andrew Behavioral Analysis for Hurricane Evacuation Planning in the Treasure Coast Region of Florida," October 1993, addresses this concern and documents actual response to a recent major hurricane in the region. Actual response data is, of course, the most useful in making projections about future evacuation behavior.

Although the studies show social variations from place to place, there are greater variations in public response between different hurricane threats in the same location than there are between similar events in different locations. Also, attempts to detect response differences along socio-economic lines among residents of a given location have generally

been inconclusive. These findings permit considerable confidence in applying conclusions drawn in one location to similar situations in another area.

ANALYSIS RESULTS

A. General.

The following paragraphs address each of the specific objectives established for the behavioral analysis and present generalized results for each objective. More detailed information is contained in the Behavioral Analyses included as Appendix C to this report.

B. Evacuation Participation Rates.

There are two overriding factors influencing whether residents evacuate: actions by public officials and degree of hazard of the location. In floodprone areas near the open coast, 90% or more of the residents will evacuate if public officials take aggressive action urging or ordering evacuation and are successful in communicating the urgency of that message. The only way to ensure that the message reaches the intended audience is to supplement television and radio announcements with police or other officials going into neighborhoods door-to-door or at least with loudspeakers. Less aggressive or less successful dissemination of evacuation notices will result in evacuation rates could be perhaps 25% lower in high and moderate risk areas.

The risk area categories shown in Table 4-1 do not generally correspond to the coastal, middle, and interior areas used in the 1982 survey. High risk areas refer to barrier islands and open coast, which are about the same as the 1982 survey's coastal zone. Moderate risk areas refer to areas that would flood in most hurricanes, but are not in the open coast. Flood depths and wave action would be less severe than in high risk areas. These would include the most hazardous parts of the 1982 middle area. Low risk areas are normally subject only to hurricane winds.

TABLE 4-1

Evacuation Rates for Planning

Severe Storm Evacuation Ordered in High and Moderate Risk Areas and Mobile Homes			Weak Storm Evacuation Ordered in High Risk Areas Only and All Mobile Homes		
RISK AREA					
High	Moderate	Low	High	Moderate	Low
Housing other Than Mobile Homes					
90%+	75%	15%	85%	40%	10%
Mobile Homes					
95%	90%	80%	90%	75%	65%

C. Response Rates.

Evacuee response rates refer to the rate of evacuation by the threatened population and when the evacuating residents will leave relative to a given evacuation advisory. These rates are expressed as cumulative percentages of the total number of evacuees departing at time intervals before and after an evacuation advisory. Evacuation response rates for Hurricane Andrew are discussed and shown in Appendix C, Behavioral Analysis.

Post-hurricane response studies show a diversity of slopes and shapes inherent in the response curves. This diversity can be primarily attributed to factors such as actions by local officials, severity of the hurricane, residents' perception of the probability of the storm striking their location, and the evacuation difficulties for their location. The primary factor consistent with most of the historic response curves is the sharp increase in evacuation response following the advice of local officials to evacuate. These increases in evacuation response following local advisories show consistency regardless of location, relative magnitude of the threat, or information previously furnished to the threatened population in the form of hurricane watches, warnings, or other meteorological information.

Further information on evacuee response rates is contained in Chapter 6, Transportation Analysis.

D. Vehicle Use.

Not all available vehicles are used when a household evacuates because there is concern about separating the family in traffic. The percentages of vehicle use developed for the Treasure Coast Region Hurricane Evacuation Study are based on previous experience and telephone sample surveys conducted as part of the study. These surveys included hypothetical responses, as well as actual percentages from the Hurricane Andrew evacuation.

It would be reasonable to assume, based on survey results, that 70% to 75% of available vehicles would be used in an evacuation. Additional information on transportation use can be found in Appendix C, Behavioral Analysis.

E. Destinations of Evacuating Households.

One of the most difficult evacuation behaviors to predict is the percentage of evacuees who will leave the local area. This is because it tends to vary so much from one region to another.

The destinations or types of refuge most commonly used by the evacuating population are local public shelter facilities, local friends or relatives, local hotels/motels, or out-of-county locations. Significant variation in the percentages of persons utilizing various types of refuge can occur. Historically, this has occurred from storm to storm as well as from location to location.

Table 4-2 shows the expected rates of evacuees who would be expected to seek refuge outside the county.

TABLE 4-2

Evacuees Going Out of County

Severe Storm Early Evacuation			Weak Storm Typical Timing		
RISK AREA					
High	Moderate	Low	High	Moderate	Low
60%	45%	40%	50%	40%	25%

Note: A last minute evacuation would result in lower rates.
Lower income areas would be 10 percentage points lower.

The actions of local officials can influence the sheltering rates within a county. If, for example, public shelters are opened early and advertised, the public shelter use rates will most likely be significantly higher than for areas where the public is strongly advised to leave the county or where shelter locations and availability are not widely advertised.

Additional information on destinations of evacuees is contained in Appendix C, Behavioral Analysis.

F. Evacuation Response of Vacationers.

The behavior of tourists is one of the most difficult to predict. Some feel that most tourists will leave prior to the start of an evacuation of permanent residents. Others feel that tourists might take a "wait and see" attitude, resulting in a significant number of tourists present during an evacuation.

This uncertainty was addressed by developing a low and a high occupancy rates of 50% and 85% for use in clearance time data. Further information is contained in Chapter 6, Transportation Analysis.

CHAPTER FIVE

SHELTER ANALYSIS

PURPOSE

The shelter analysis serves two primary purposes. The most apparent use of analysis data is to determine the number of evacuees who will seek public shelter (shelter demand) within each county and to determine the number of spaces available for those evacuees. This is the public shelter demand/capacity analysis. Total shelter capacity for each county is subject to change with the availability of suitable facilities.

The second purpose of the shelter analysis is to provide part of the information needed to determine evacuation clearance times in the Transportation Analysis. This is done by establishing the locations of shelters and their vulnerability. A thorough discussion of the methodology involved in those determinations may be found in Chapter Six.

This shelter analysis presents a list of shelters, capacities, shelter demand, as well as considering potential flood vulnerability of the public shelters. Data developed in the hazards, vulnerability and behavioral analyses were used in this shelter analysis.

SHELTER ANALYSIS

A. General.

It is important to note that a listing in this report does not indicate that a facility will be used in a given hurricane evacuation. The choice of public shelters for a specific evacuation is an operational decision. Shelters will be opened by county and municipal authorities based on a variety of circumstances including season, intensity and direction of the threatening hurricane, and availability of qualified people, including American Red Cross (ARC) personnel, to manage facilities. Additionally, available public shelter space will

change as buildings are constructed or demolished, as ownership changes and as agreements are reached or cancelled with building owners and with the ARC. The recent (July 1992) publication of hurricane shelter selection guidelines by the Red Cross may precipitate revisions of shelter lists.

B. Inventories and Capacities.

Tables 5-1 through 5-4 list ARC and county operated public shelters and capacities, provided by County emergengy management directors. No attempt has been made, at this time, to assess the vulnerability of the public shelters to the effects of hurricane force winds. The locations of the public shelters are also given in Tables 5-1 through 5-4.

C. Vulnerability.

When using information contained in this study to evaluate the safety of a shelter, inaccuracies in hurricane forecasting and modeling should be taken into account. It might be considered, as a safty factor, that planners base their evaluation of potential storm surge flooding for each hurricane category on the next higher category surge levels (see Chapter 2, Forecasting Inaccuracies).

No public shelters are located in a Storm Surge area.

Local emergency management officials are urged to examine all shelters to determine if any are obviously unstable.

PUBLIC SHELTER DEMAND & CAPACITY

A. General.

The results of the Behavioral Analysis conducted for the Treasure Coast Region Hurricane Evacuation Study were used in determining the shelter demand for a variety of hurricane scenarios. The shelter capacities used in the analysis were developed by County and American Red Cross officials.

TABLE 5-1

INDIAN RIVER COUNTY

PUBLIC SHELTER FACILITIES[1]

NO.	LOCATION	FACILITY	CAPACITY	1st FLOOR ELEVATION	ARC[2]
		PRIMARY			
1	Vero Beach	Dodgertown Elementary School	1550	21.0[3]	Yes
2	Fellsmere	Fellsmere Elementary School	1176	26.1	Yes
3	Gifford	Gifford Middle Six School	286	20.8	Yes
4	Gifford	Gifford Middle Seven School	286	20.8	Yes
5	Vero Beach	Glendale Elementary School	2128	23.6	Yes
6	Vero Beach	Highland Elementary School	2128	23.8	Yes
7	Vero Beach	J.A. Thompson Elementary	716	27.3	Yes
8	Sebastian	Pelican Island Elementary	2128	25.4	Yes
9	Sebastian	Sebastian Elementary School	2128	N/A	Yes
10	Sebastian	Sebastian River Middle Jr. H.S.	955	20.4	Yes
11	Vero Beach	Vero Beach Junior High School	1070	21.0	Yes
12	Vero Beach	Vero Beach Senior High School	1100	19.8	Yes
		TOTAL	**15,651**		
		SECONDARY			
13	Vero Beach	First Church of God	250	N/A	Yes
14	Sebastian	First Presbyterian Church	150	N/A	Yes
15	Vero Beach	First United Methodist Church	100	19.9	Yes
16	Gifford	Gifford Community Center	300	N/A	Yes
17	Vero Beach	Glendale Baptist Church	120	25.1	Yes
18	Vero Beach	Indian River Community College	900	21.7	Yes
19	Vero Beach	Kings Baptist Church	120	24.9	Yes
20	Vero Beach	Saint Helen's Parish Center	88	20.8	Yes
21	Sebastian	Saint Sebastian's Catholic	250	25.4	Yes
22	Vero Beach	Tabernacle Baptist Church	120	25.3	Yes
23	Vero Beach	Truth Tabernacle Church	120	24.1	Yes
		TOTAL	**2518**		

NOTES

[1] Inclusion on this list does not indicate that a facility will be used in a given hurricane evacuation. The choice of public shelters for a specific evacuation is an operational decision made by local emergency management officials.

[2] American Red Cross. "Yes" indicates that the ARC has agreed to operate the facility as a hurricane shelter.

[3] 1st floor elevations are National Geodetic Vertical Datum (NGVD), which is comparable to mean sea level, and were provided by County officials.

TABLE 5-2

ST. LUCIE COUNTY

PUBLIC SHELTER FACILITIES[1]

KEY	LOCATION	FACILITY	CAPACITY	1st FLOOR ELEVATION	ARC[2]
		PRIMARY			
1	Port St. Lucie	Bayshore Elementary School	500	22.9[3]	Yes
2	Ft. Pierce	Forest Grove Middle School	300	12.5	Yes
3	Ft. Pierce	Ft. Pierce Central High School	3000	21.3	Yes
4	Ft. Pierce	Indian River Comm. College	600	20.0	Yes
5	Port St. Lucie	Manatee Elementary School	500	27.5	Yes
6	Port St. Lucie	Northport Middle School	2000	17.2	Yes
7	Ft. Pierce	Parkway Elementary	500	22.0	Yes
8	Port St. Lucie	Southport Middle School	300	17.0	Yes
9	Port St. Lucie	Village Green Elementary School	500	17.6	Yes
10	Ft. Pierce	Westwood High School	3000	21.0	Yes
11	Port St. Lucie	Windmill Point Elementary	500	26.3	Yes
		TOTAL	**11,700**		
		SECONDARY			
12	Ft. Pierce	C. A. Moore Elementary	600	23.8	Yes
13	Ft. Pierce	Dale Cassens School	100	20.4	Yes
14	Ft. Pierce	Fairlawn Elementary	200	19.4	Yes
15	Ft. Pierce	Frances K. Sweet Elementary	200	15.8	Yes
16	Ft. Pierce	Lincoln Park Academy	200	20.0	Yes
17	Port St. Lucie	Mariposa Elementary	500	20.0	Yes
18	Port St. Lucie	Morningside Elementary	500	15.2	Yes
19	Port St. Lucie	Port St. Lucie High School	1000	20.1	Yes
20	Ft. Pierce	White City Elementary	400	16.0	Yes
		TOTAL	**3700**		

NOTES

[1] Inclusion on this list does not indicate that a facility will be used in a given hurricane evacuation. The choice of public shelters for a specific evacuation is an operational decision made by local emergency management officials.

[2] American Red Cross. "Yes" indicates that the ARC has agreed to operate the facility as a hurricane shelter.

[3] 1st floor elevations are National Geodetic Vertical Datum (NGVD), which is comparable to mean sea level, and were provided by County officials.

TABLE 5-3

MARTIN COUNTY

PUBLIC SHELTER FACILITIES[1]

KEY	LOCATION	FACILITY	CAPACITY	1st FLOOR ELEVATION	ARC[2]
		PRIMARY			
1	Stuart	Redeemer Lutheran Church	500	10.0[3,4]	Yes
2	Stuart	Stuart Middle School	1500	15.0[4]	Yes
3	Palm City	Church of Jesus Christ of Latter Day Saints	500	10.0	Yes
4	Palm City	Hidden Oaks Middle School	2500	15.0	Yes
5	Port Salerno	Pinewood Elementary School	800	15.0	Yes
6	Stuart	South Fork High School	2300	10.0	Yes
7	Jensen Beach	Jensen Beach Elementary	1500	15.0	Yes
8	Palm City	Crystal Lake Elementary	600	15.0	Yes
9	Indiantown	Indiantown Middle School	1200	35.0	Yes
		TOTAL	**11,400**		
		SECONDARY			
10	Hobe Sound	Hobe Sound Bible College	1800	5.0[4]	Yes
11	Jensen Beach	Trinity Methodist Church	100	N/A	Yes
12	River Shores	First Presbyterian Church	100	N/A[4]	Yes
13	Okeechobee	Dunklin Mem Baptist	300	N/A	Yes
14	Palm City	Palm City Elementary	1500	25.0	Yes
15	Palm City	Palm City Baptist	180	N/A	Yes
16	Port Salerno	Port Salerno Elementary	200	15.0	Yes
17	Port Salerno	Murray Middle School	500	15.0[4]	Yes
18	Stuart	Martin County High School	2300	10.0[4]	Yes
19	Stuart	First Methodist	100	N/A	Yes
20	Stuart	St. Joseph's Church	100	N/A	Yes
21	Stuart	St. Pauls Methodist Church	150	N/A	Yes
22	Stuart	Mt. Calvary Baptist Church	50	N/A	Yes
23	Stuart	First Baptist Church	200	N/A	Yes
24	Stuart	YMCA	350	N/A	Yes
		TOTAL	**7930**		

NOTES

[1] Inclusion on this list does not indicate that a facility will be used in a given hurricane evacuation. The choice of public shelters for a specific evacuation is an operational decision made by local emergency management officials.

[2] American Red Cross. "Yes" indicates that the ARC has agreed to operate the facility as a hurricane shelter.

[3] 1st floor elevations are National Geodetic Vertical Datum (NGVD), which is comparable to mean sea level, and were provided by County officials.

[4] Located in the Category 5 Surge area.

TABLE 5-4

PALM BEACH COUNTY

PUBLIC SHELTER FACILITIES[1]

KEY	LOCATION	FACILITY	CAPACITY	1st FLOOR ELEVATION	ARC[2]
		PRIMARY			
1	Palm Beach	William T. Dwyer High School	2500	18[3]	Yes
2	Palm Beach	Watson B. Duncan Middle School	350	22	Yes
3	Palm Beach Gardens	Palm Beach Gardens High School	2500	15	Yes
4	Riviera Beach	JFK Middle School	750	16	Yes
5	West Palm Beach	West Palm Beach Auditorium	4000	15	Yes
6	West Palm Beach	Bear Lakes Middle School	350	18	Yes
7	West Palm Beach	School of the Arts	500	16	Yes
8	West Palm Beach	Palm Beach Lakes Comm. H.S.	3500	18	Yes
9	Royal Palm Beach	Crestwood Middle School	1000	20	Yes
10	West Palm Beach	Wellington Landings Middle School	500	22	Yes
11	West Palm Beach	Wellington High School	1500	19	Yes
12	Lake Worth	Lake Worth Middle School	350	19	Yes
13	Lantana	Santaluces High School	3500	19	Yes
14	Boynton Beach	Christa McAuliffe Middle School	750	22	Yes
15	Boynton Beach	Freedom Hall	300	15	Yes
16	Delray Beach	Atlantic High School	2000	22	Yes
17	Delray Beach	Carver Middle School	300	17	Yes
18	Boca West	Olympic Heights High School	2500	23	Yes
19	Boca Raton	Omni Middle School	350	22	Yes
20	Boca Raton	Spanish River High School	2000	21	Yes
21	Boca Raton	FAU (Student Union)	1100	10	Yes
22	Boca Raton	Bibletown Church	2500	15	Yes
23	Belle Glade	Glades Central High School	300	16	Yes
24	Belle Glade	Lake Shore Middle School	300	17	Yes
25	Pahokee	Pahokee High School	2500	16	Yes
		TOTAL	**36,200**		

NOTES

[1] Inclusion on this list does not indicate that a facility will be used in a given hurricane evacuation. The choice of public shelters for a specific evacuation is an operational decision made by local emergency management officials.

[2] American Red Cross. "Yes" indicates that the ARC has agreed to operate the facility as a hurricane shelter.

[3] 1st floor elevations are National Geodetic Vertical Datum (NGVD), which is comparable to mean sea level, and were provided by County officials.

B. Public Shelter Demand.

Table 5-5 shows the public shelter demand (number of evacuees seeking public shelter) resulting from each evacuation scenario. Evacuation scenarios are defined for each county in Chapter 6, Table 6-1. Since seasonal occupancy varies, shelter demand is given based on that variation. The analysis assumes an adequate warning period for an approaching hurricane and sufficient public knowledge concerning the locations and availability of public shelter facilities. Other assumptions used in developing the total number of evacuees and public shelter demand are as follows:

1. One hundred percent of the affected population will evacuate. (This assumption is incorporated into the Shelter Analysis and the Transportation Analysis even though the Behavioral Analysis indicates that participation rates in most hurricanes will be somewhat less than 100 percent.)
2. One to five percent (depending on storm intensity) of nearby non-affected population will evacuate.
3. Persons living in highly vulnerable locations (Category 1), especially on the shoreline, will utilize public shelter facilities at rates of 10 to 15 percent of the total number of evacuees from those locations.
4. Persons living in moderately vulnerable locations (Category 2-3) will utilize public shelter facilities at a rate of 15 to 20 percent of the total number of evacuees from those locations.
5. Forty to forty-five percent of the mobile home residents and persons evacuating from areas of low vulnerability will utilize public shelter facilities.
6. Less than five percent of vacationers are expected to seek public shelter.

C. Public Shelter Capacity.

Except for Martin County, shelter capacity is not reduced for the various storm scenarios, since there are no designated shelters located in surge areas. Martin County has six (6) shelters in the Category 5 surge area. Providing capacity in addition to the American Red Cross (ARC) shelters has little affect on clearance times. However, additional capacity would result in a reduction in the number of evacuees seeking shelter in nearby counties.

TABLE 5-5

PUBLIC SHELTER DEMAND/CAPACITY STATISTICS

County/Storm Scenario	In-County People Going to In-County Public Shelter	Public Shelter Capacity
INDIAN RIVER COUNTY		
Category 1-2 summer seasonal occ.	5,700 people	18,169 people
Category 1-2 late fall seasonal occ.	5,900 people	
Category 3-5 summer seasonal occ.	8,100 people	
Category 3-5 late fall seasonal occ.	8,200 people	
Category 3-5 summer seasonal occ. (Post Andrew mega participation rates)	9,700 people	
Category 3-5 late fall seasonal occ. (Post Andrew mega participation rates)	9,900 people	
ST. LUCIE COUNTY		
Category 1-2 summer seasonal occ.	9,000 people	15,400 people
Category 1-2 late fall seasonal occ.	9,800 people	
Category 3-5 summer seasonal occ.	10,700 people	
Category 3-5 late fall seasonal occ.	11,600 people	
Category 3-5 summer seasonal occ. (Post Andrew mega participation rates)	14,600 people	
Category 3-5 late fall seasonal occ. (Post Andrew mega participation rates)	15,400 people	
MARTIN COUNTY		
Category 1-2 summer seasonal occ.	5,700 people	19,330 people
Category 1-2 late fall seasonal occ.	6,000 people	
Category 3 summer seasonal occ.	7,300 people	
Category 3 late fall seasonal occ.	7,600 people	
Category 4-5 summer seasonal occ.	8,200 people	
Category 4-5 late fall seasonal occ.	8,500 people	
Category 4-5 summer seasonal occ. (Post Andrew mega participation rates)	9,900 people	
Category 4-5 late fall seasonal occ. (Post Andrew mega participation rates)	10,100 people	
PALM BEACH COUNTY		
Category 1-2 summer seasonal occ.	24,900 people	36,200 people
Category 1-2 late fall seasonal occ.	25,500 people	
Category 3 summer seasonal occ.	33,400 people	
Category 3 late fall seasonal occ.	34,100 people	
Category 4-5 summer seasonal occ.	37,300 people	
Category 4-5 late fall seasonal occ.	38,100 people	
Category 4-5 summer seasonal occ. (Post Andrew mega participation rates)	64,700 people	
Category 4-5 late fall seasonal occ. (Post Andrew mega participation rates)	65,700 people	

D. Public Shelter Analysis.

The results of the public shelter capacity analysis is shown in Tables 5-1 through 5-4. The table contains the total public shelter capacity within each county as discussed in paragraphs B and C above.

CHAPTER SIX

TRANSPORTATION ANALYSIS

PURPOSE

During a hurricane evacuation effort, a large number of vehicles have to be moved across a road network in a relatively short period of time. The number of vehicles and evacuees becomes particularly significant for an area such as the Treasure Coast region of Florida, where several significant urban areas and beach communities are located. The magnitude of evacuating vehicles varies depending upon the intensity of the hurricane, presence of seasonal residents, and certain behavioral response characteristics of the vulnerable population.

Vehicles enter the road network at different times depending on the evacuee's response relative to an evacuation order or advisory. Conversely, vehicles leave the road network depending on both the planned destinations of evacuees and the availability of acceptable destinations such as public shelters, hotel/motel units and friends' or relatives' homes in non-flooded areas. Vehicles move across the road network from trip origin to destination at a speed dependent on the traffic loadings on various roadway segments and the ability of the segments to handle a certain volume of vehicles each hour.

The overall goals of the transportation analysis performed for the Treasure Coast Hurricane Evacuation Study were to estimate clearance times (the time it takes to clear a county's roadway of all evacuating vehicles), to define the evacuation road network, and to look at general traffic control issues that could affect traffic flow along critical roadway segments. Clearance time is a value resulting from transportation engineering analysis performed under a specific set of assumptions. It must be coupled with pre-landfall hazards data to determine when a strong evacuation advisory must be issued to allow all evacuees time to reach safe shelter before the arrival of sustained tropical storm winds. Pre-landfall hazards include sustained tropical force winds and/or roadway inundation prior to landfall of the eye. Factors that influence clearance time must be studied intensively to determine which factors have the strongest influence. Therefore, a sensitivity analysis was performed and a range of clearance times calculated for each county by varying key input parameters.

The transportation analysis task initially identified the kinds of traffic movements associated with a hurricane evacuation that must be considered in the development of clearance times. Basic assumptions for the transportation analysis were then developed related to storm scenarios, population-at-risk, behavioral and socioeconomic characteristics, the roadway system and traffic control. A transportation modeling methodology and a roadway system representation were developed for each county in the study area to facilitate model application and development of clearance times. General information and data related to the transportation analysis are presented in summary form in the Technical Data Report. A Transportation Model Support Document is available through the Jacksonville District Corps of Engineers and includes detailed transportation modeling statistics and zone by zone data listings for each county.

EVACUATION TRAVEL PATTERNS

The movements associated with hurricane evacuation have been identified for the purposes of this analysis by five general patterns:

A. In-County Origins to In-County Destinations

Trips made from primarily storm surge vulnerable areas and mobile home units in an individual county to destinations within the same county, such as public shelters, hotel and motel units, and friends or relatives outside the storm surge vulnerable areas.

B. In-County Origins to Out-of-County Destinations

Trips made as in Item A (described above) that originate in an individual county but have destinations in other counties of the study area or outside the study area entirely.

C. Out-of-County Origins to In-County Destinations

Trips made as in category A that enter an individual county from other counties in the study area.

D. Out-of-County Origins to Out-of-County Destinations

Trips passing through an individual jurisdiction while traveling from one county in the study area to another or outside the study area entirely. This travel pattern is

particularly significant due to the effects of lower southeast Florida traffic passing through the Treasure Coast region during an evacuation.

E. Background Traffic

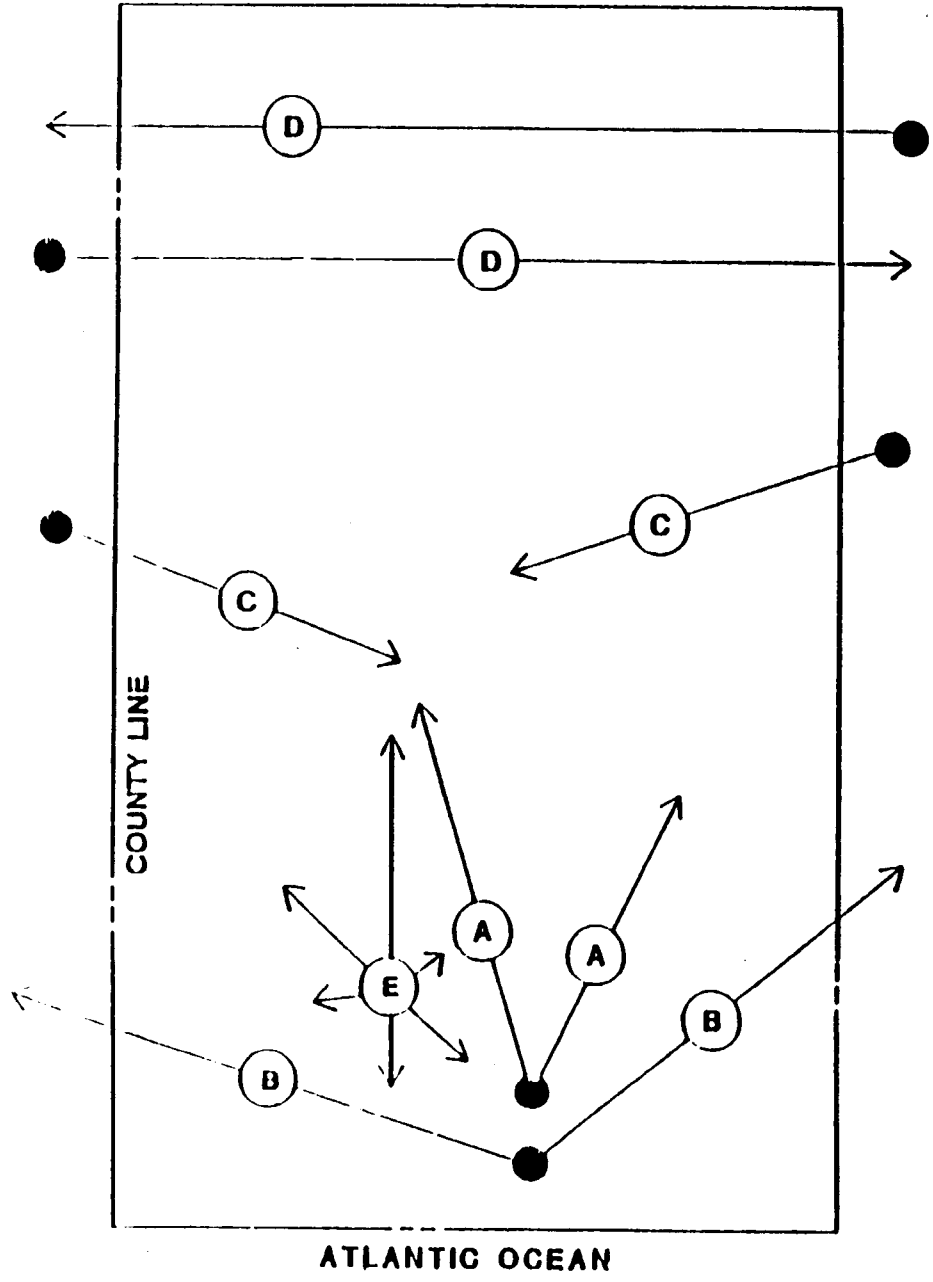
Trips made by persons preparing for the arrival of hurricane conditions; these trips may be shopping trips to gather supplies and/or trips from work to home to assist the family in evacuation. This traffic can also include transit vehicles (vans/buses) used to pick up evacuees without personal transportation.

Figure 6-1 graphically depicts these traffic movement patterns associated with hurricane evacuation situations in the Treasure Coast region. It is important to recognize that three of the five defined patterns involve traffic movement patterns generated outside of one county's boundaries. It is evident that, depending on the assumed storm track, these inter-county movements resulted in a number of regional traffic impacts. During the transportation analysis task, these movements were quantified to facilitate estimation of demand for roadway segment and resulting clearance times.

TRANSPORTATION ANALYSIS INPUT ASSUMPTIONS

Since all hurricanes differ from one another in some respect, it becomes necessary to set forth clear assumptions about storm characteristics and evacuees' expected response before transportation modeling can begin. Not only does a storm vary in its track, intensity and size, but also in the way it is perceived by residents in potentially vulnerable areas. These factors cause a wide variance in the behavior of the vulnerable population. Even the time of day at which a storm makes landfall influences the time parameters of an evacuation response.

The transportation analysis results in clearance times based on a set of assumed conditions and behavioral responses. It is likely that an actual storm will differ from a simulated storm for which clearance times are calculated in this report. Therefore, a sensitivity analysis was performed during the transportation modeling. Those variables have the greatest influence on clearance time were identified and then varied to establish the logical range within which the actual input assumption values might fall.



EVACUATION TRAVEL PATTERNS

- (A) In-County Origins To In-County Destinations
- (B) In-County Origins To Out-Of-County Destinations
- (C) Out-Of-County Origins To In-County Destinations
- (D) Out-Of-County Origins To Out-Of-County Destinations
- (E) Background Traffic

Figure 6-1

Key assumptions guiding the transportation analysis are grouped into five areas.

1. Permanent and Tourist Population Data
2. Storm Scenarios
3. Evacuation Zones
4. Behavioral Characteristics of the Evacuating Population
5. Roadway Network and Traffic Control Assumptions

These five areas and their assumed parameters are described in the following paragraphs. Those parameters which were varied for sensitivity analysis are noted.

Permanent and Tourist Population Data

The data base for each county was developed using 1990 census and traffic analysis zonal data provided through the Florida Department of Transportation District 4 office. This source of data provided a base for permanent population parameters on a sub-county basis. Since data are regularly updated for traffic analysis zones and census units, their use provides a means to facilitate updating of the evacuation study in the future.

Seasonal and permanent dwelling unit data assembled by Post, Buckley, Schuh & Jernigan, Inc. included the following resources:

- U.S. Census Bureau - 1990 Population and Housing Units
- Various Chamber of Commerce and travel bureaus
- Florida Department of Transportation, District 4 - 1990 Traffic Analysis Zonal data

Any future update of the transportation analysis should take a careful look at the seasonal dwelling unit data in the sub areas of each county. Numbers for seasonal units were generally a combination of hotel/motel units and other units listed as seasonal in nature by the U.S. Census.

Current permanent population estimates range from approximately 93,000 in Indian River County to 900,000 in Palm Beach County. Throughout the region a significant mobile home population living outside the potential hurricane surge areas adds dramatically to the number of hurricane vulnerable people in the area. The Transportation Model Support Document (Appendix C) lists the number of permanent dwelling units, mobile homes, and seasonal units by county by evacuation zone and TAZ (or census unit).

Storm Scenarios

The hazards analysis identified those storm tracks (Reference pages 2-18 to 2-27) causing the worst possible and probable storm surge in each county of the study area for each of five hurricane intensity categories (corresponding to the Saffir-Simpson scale). When five storm intensities are factored by several varying behavioral parameters, the number of hypothetical hurricane situations can quickly reach a great number. Calculation of clearance times for a great number of storm situations would be cumbersome and unusable by local emergency preparedness officials and would be inappropriate given the relative level of accuracy of hurricane storm forecasting. Storm forecasting for the period 12 to 24 hours prior to eye landfall is generally not precise enough to allow for more than 2 or 3 storm scenarios (grouping by intensity) per county.

Census tracks and traffic analysis zones (where appropriate) were compared with storm surge limits corresponding to the five hurricane categories. This procedure identified where major differences in storm surge limits and number of vulnerable population exist relative to each progressive step in hurricane intensity. Table 6-1 provides the storm scenarios developed in the transportation analysis for each county.

Evacuation Zones

Through the hazards analysis, those areas which will receive hurricane storm surge were identified and graphically shown in the County Storm Tide Atlases. This information became one of the key inputs to the transportation analysis. Those residents who must evacuate as well as those residents who should not evacuate were defined.

TABLE 6-1
Transportation Analysis Storm Scenarios

County	Storm Scenario	Saffir-Simpson Category
Indian River	A	Cat. 1-2
	B	Cat. 3-5
St. Lucie	A	Cat. 1-2
	B	Cat. 3-5
Martin	A	Cat. 1-2
	B	Cat. 3
	C	Cat. 4-5
Palm Beach	A	Cat. 1-2
	B	Cat. 3
	C	Cat. 4-5

Within the transportation analysis it was assumed that persons living in areas flooded by storm surge should be evacuated. This evacuee group included permanent residents living in single-family, multi-family, or mobile home units, as well as tourists staying in hotel/motel, condominium, and time share seasonal units located in storm surge vulnerable areas. In addition, mobile home residents living outside the hurricane flooded areas of each county were assumed to evacuate due to high wind vulnerability.

Having established those persons who should evacuate during a particular storm situation, it was then necessary to develop a series of zones to geographically locate and quantify the vulnerable population. Evacuation zones also provide a base to model traffic movements from one geographic area to another. A series of zones was established for each county based on the following factors.

- Zones should relate to expected surge flooding to expected surge flooding limits (based on Maximum Envelope of Water - MEOWs) for each storm scenario.
- Zones should relate well to census, traffic analysis zones, or other date base unit.
- Zones should be set up, if possible, for ease of use in issuing an evacuation order or advisory.
- Zonal boundaries should include identifiable natural features, roadways, landmarks, etc.
- Small "pocket" zones that would be isolated by surrounding surge should be avoided.
- Zones should be able to be served by major evacuation routes.
- Zones should have relatively balanced population levels.
- Zones must allow for appropriate transportation modeling.

Table 6-2 provides the number of evacuation zones for the transportation analysis and assumed vulnerability of each zone for storm scenarios in each county of the study area. Number of zones range from 29 zones in St. Lucie to 53 zones in Palm Beach County.

TABLE 6-2

Transportation Analysis Evacuation Zones
Assumed Vulnerability by Storm Scenario and County

County	Number of Zones	Storm Scenarios	Saffir Simpson Category	All Residents in Zones	Mobile Home Residents in Zones
Indian River	31	A	1-2	1-8	9-31
		B	3-5	1-15	16-31
St. Lucie	29	A	1-2	1-10	11-29
		B	3-5	1-13	14-29
Martin	41	A	1-2	1-15	16-41
		B	3	1-25	26-41
		C	4-5	1-30	31-41
Palm Beach	53	A	1-2	1-13	14-53
		B	3	1-19	20-53
		C	4-5	1-24	25-53

Figures 6-2 through 6-6 illustrate the evacuation zones established in each county for the transportation analysis.

Behavioral Assumptions

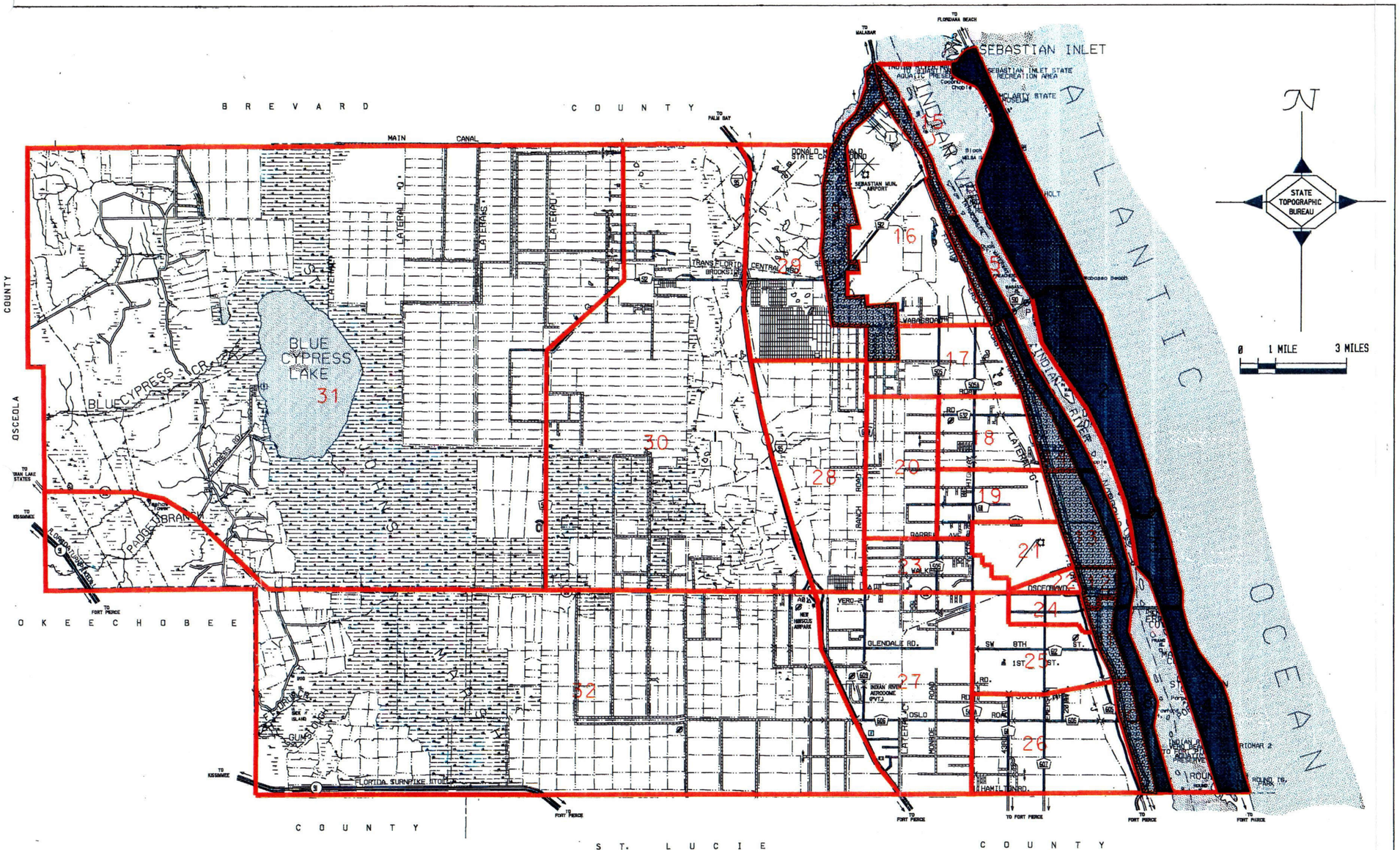
Recognizing that the future evacuation of an vulnerable population due to a hurricane approaching the Treasure Coast study area involves the coordinated action of thousands of individuals, the Hazards Management Group gathered detailed information through a behavioral analysis pertaining to the tendencies and intended plans of the evacuation population. A traditional behavioral analysis was accomplished and then followed by a later behavioral analysis which focused on identifying the impact Hurricane Andrew would have on future evacuations.

PBS&J reviewed these data to derive the best assumptions possible for the transportation analysis. Specifically, for transportation purposes, the following behavioral aspects were addressed:

- Occupancy of seasonal units
- Participation rates
- Evacuation rates (rapidity of response)
- Destination desires
- Vehicle usage

As a hurricane approaches the study area the number of seasonal residents who may be required to evacuate along with the permanent residents could be significant. Discussions at workshop meetings with disaster preparedness officials along the eastern seaboard have revealed a number of varying opinions regarding this issue. Some individuals feel strongly that most tourists will leave prior to the start of an evacuation of permanent residents. Others feel that tourists might possibly take a "wait and see" attitude, resulting in a significant number of tourists present at the start of an evacuation.

To address these differing opinions, and to develop clearance time data related to two levels of season occupancy, a low and high occupancy percentage of 50 and 85% was



LEGEND

CATEGORY 1-2 SURGE AREA

CATEGORY 3-5 ADDITIONAL AREA

LOCATOR

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

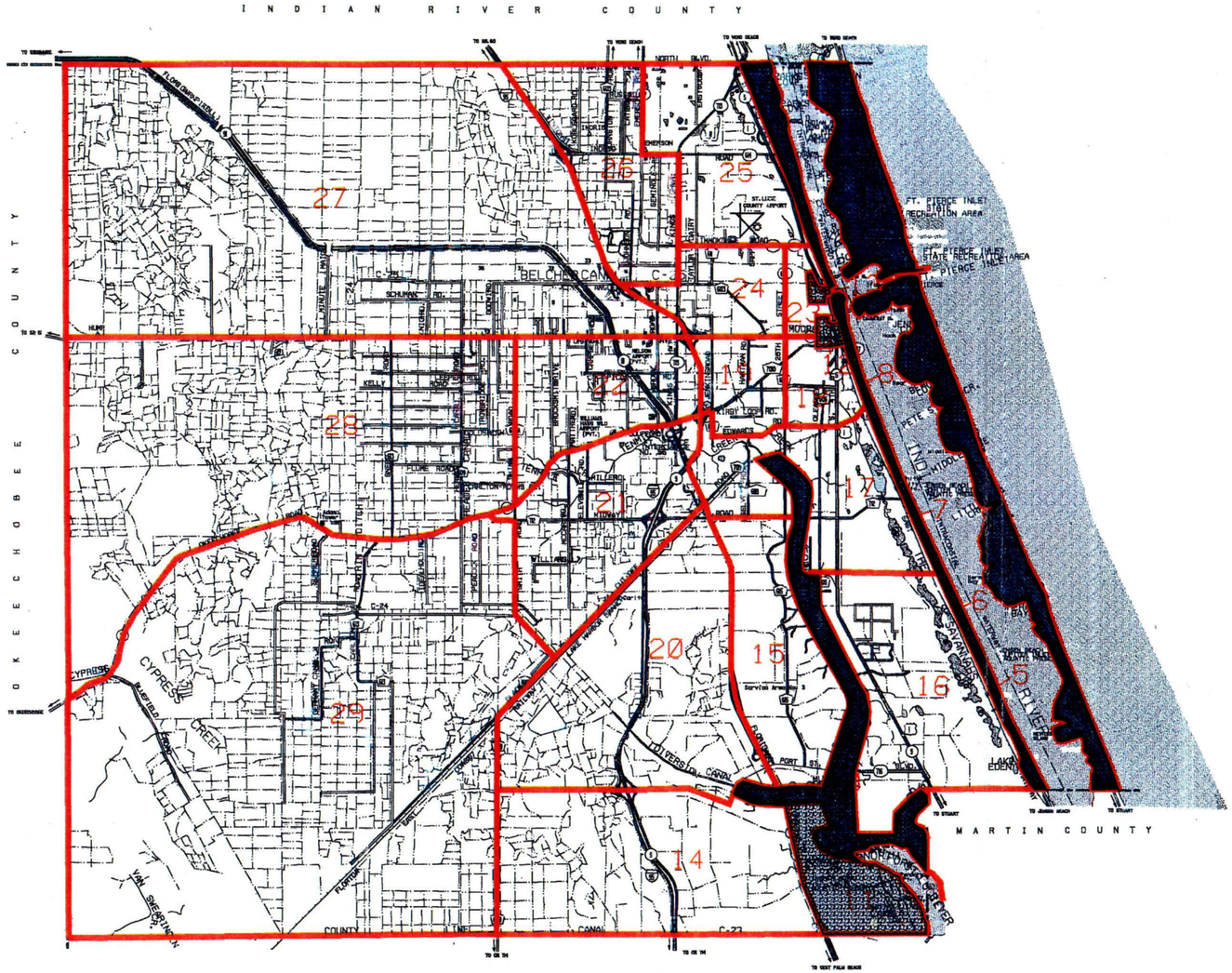
INDIAN RIVER COUNTY
EVACUATION ZONE

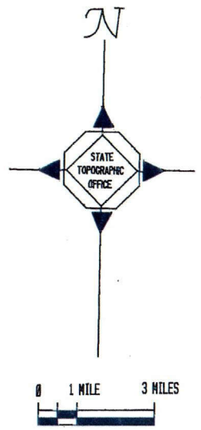
PLATE 6-2

Prepared by the U. S. Army Corps of Engineers, Jacksonville
In cooperation with the Federal Emergency Management Agency Region
and the Florida Dept. of Comm. Affairs, Division of Emergency Manage

TRAFFIC EVACUATION ZONES

TREASURE COAST HURRICANE EVACUATION STUDY — INDIAN RIVER COUNTY





LEGEND

CATEGORY 1-2 SURGE AREA

CATEGORY 3-5 ADDITIONAL AREA

MAP LOCATOR

TRAFFIC EVACUATION ZONES
ST. LUCIE COUNTY

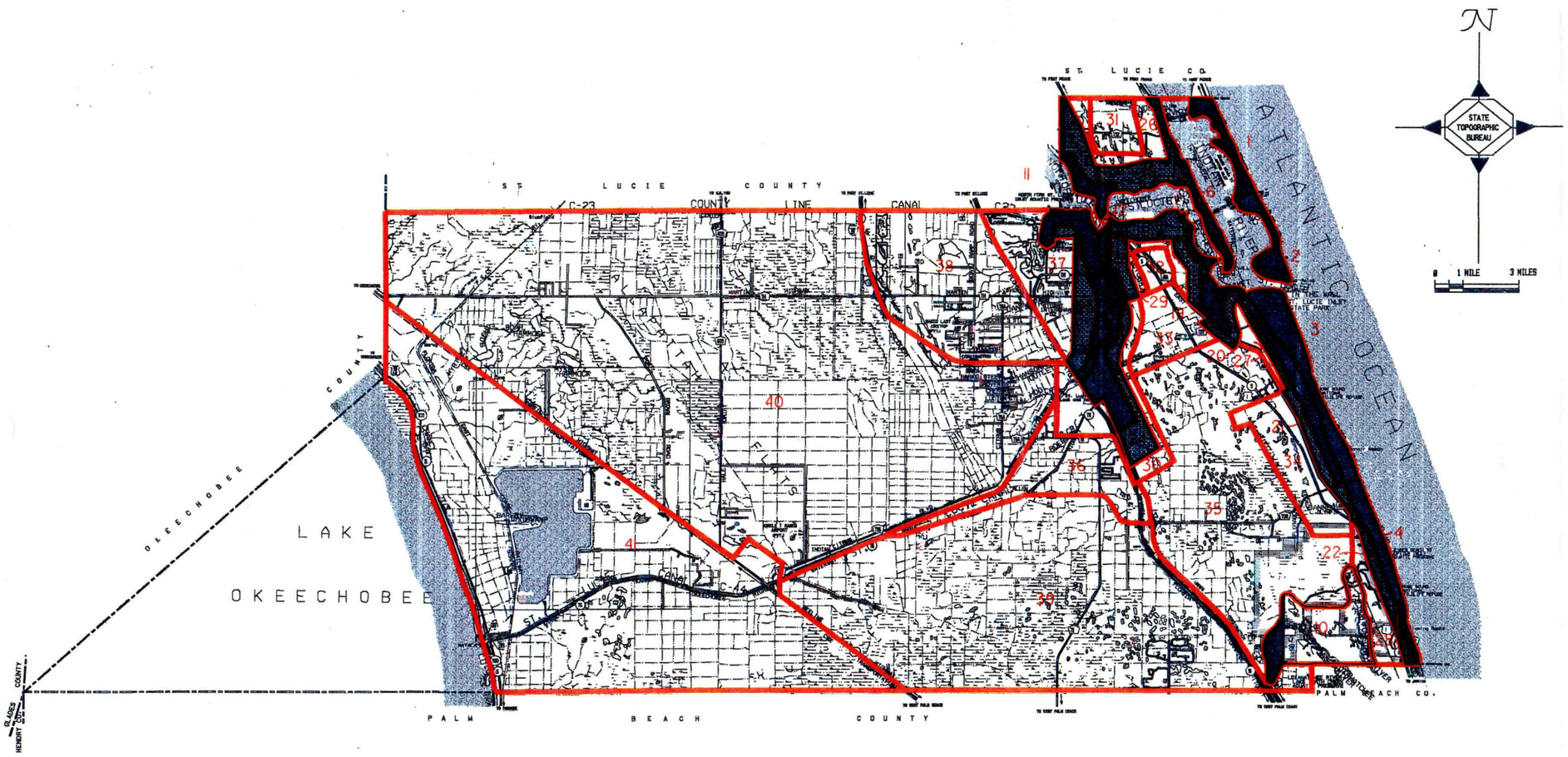
TREASURE COAST HURRICANE EVACUATION STUDY

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

ST. LUCIE COUNTY
EVACUATION ZONE MAP

PLATE 6-3

Prepared by the U. S. Army Corps of Engineers, Jacksonville
in cooperation with the Federal Emergency Management Agency Regio
of Emergency Management and the Florida Dept. of Comm. Affairs, Di



TRAFFIC EVACUATION ZONES

MARTIN COUNTY

TREASURE COAST HURRICANE EVACUATION STUDY

LEGEND

CATEGORY 1-2 SURGE AREA

CATEGORY 3-5 ADDITIONAL AREA

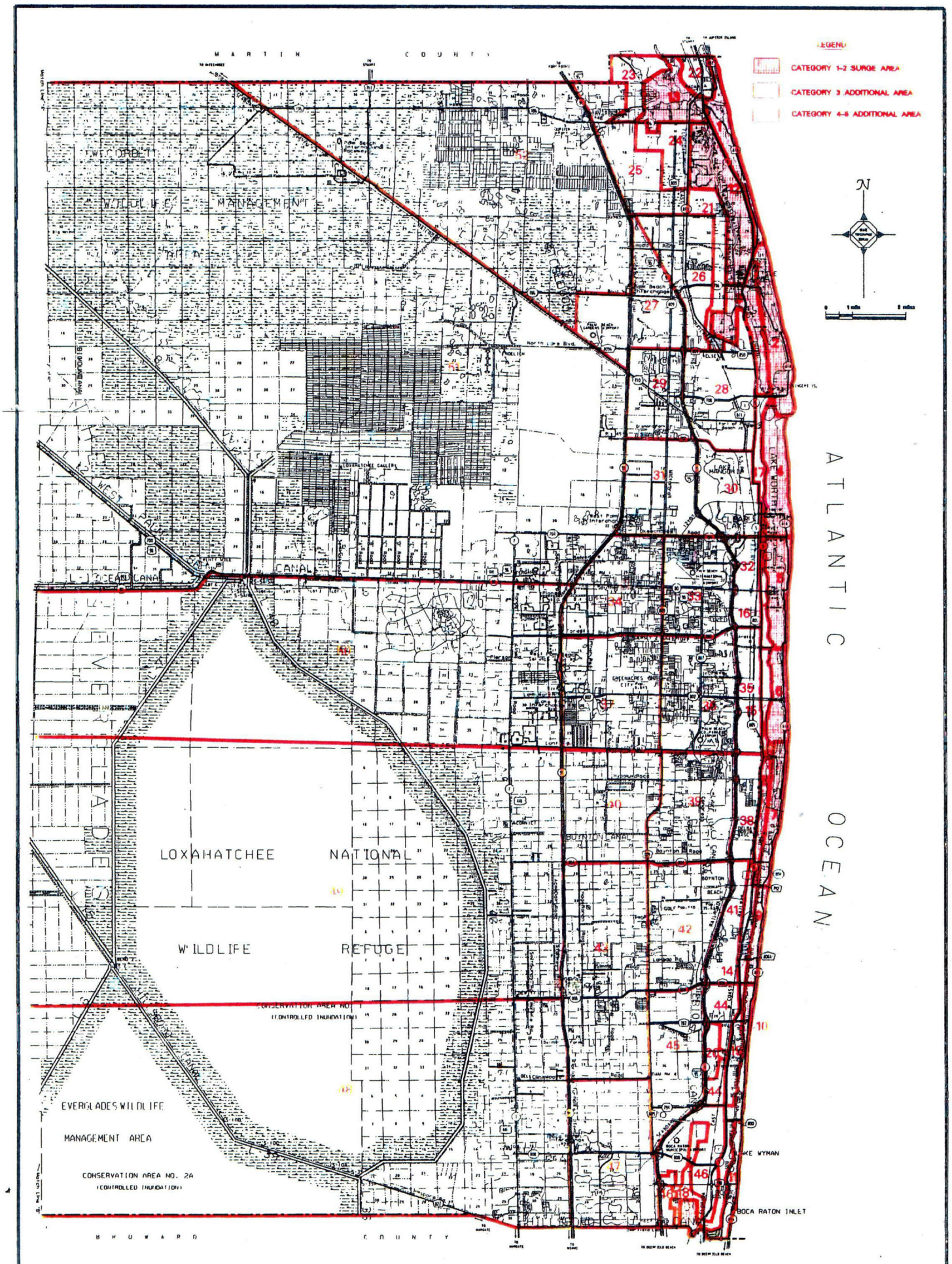
LOCATOR

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

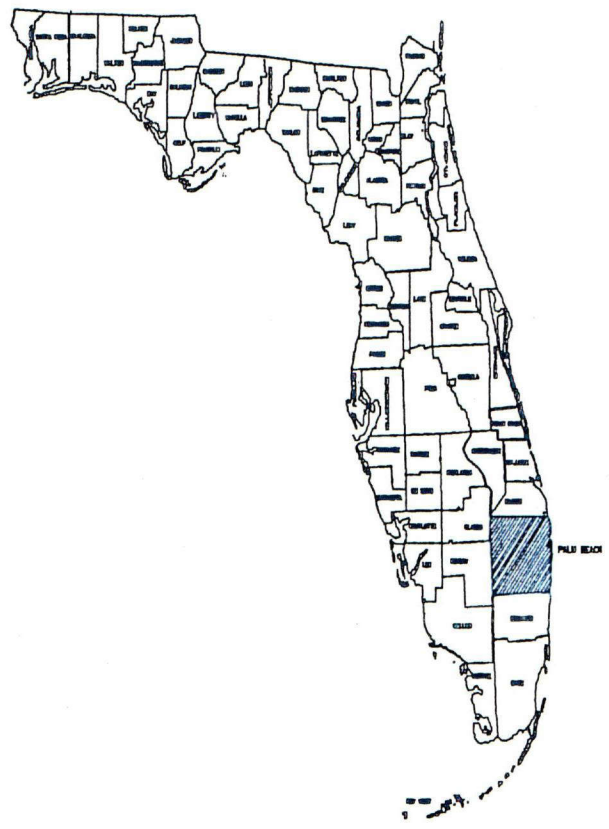
MARTIN COUNTY
EVACUATION ZONE MAP

PLATE 6-4

Prepared by the U. S. Army Corps of Engineers, Jacksonville
In cooperation with the Federal Emergency Management Agency Region I
and the Florida Dept. of Comm. Affairs, Division of Emergency Managem



LOCATOR



TRAFFIC EVACUATION ZONES
PALM BEACH COUNTY (east)

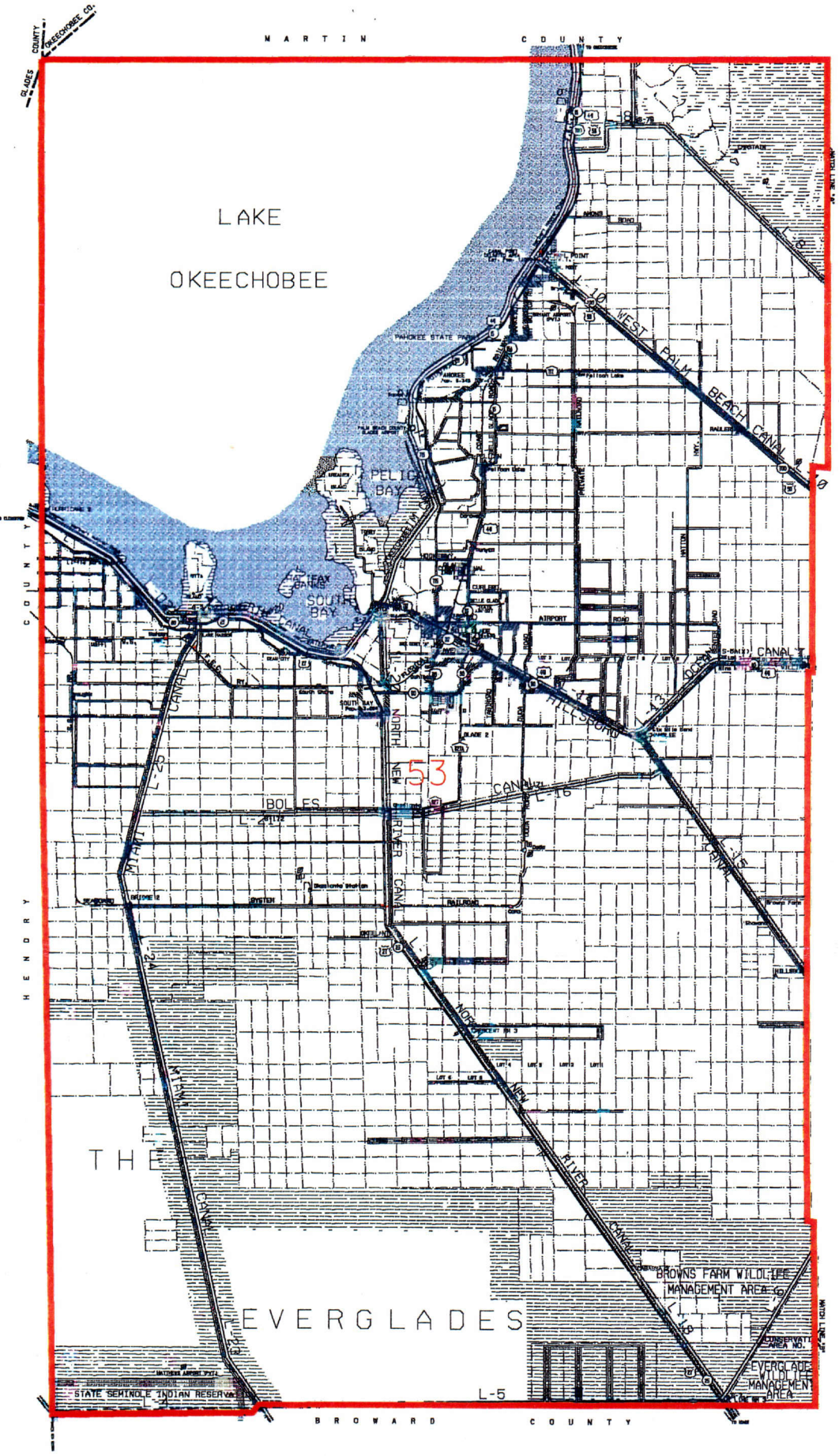
TREASURE COAST HURRICANE EVACUATION STUDY

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

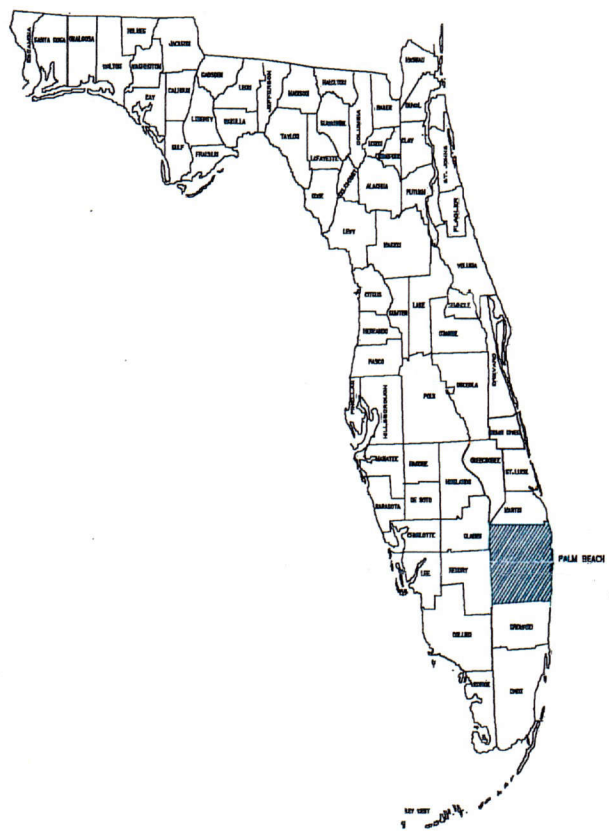
EAST PALM BEACH COUNTY
EVACUATION ZONE MAP

PLATE 6-5

Prepared by the U. S. Army Corps of Engineers, Jacksonville
in cooperation with the Federal Emergency Management Agency Region IV
and the Florida Dept. of Comm. Affairs, Division of Emergency Management



LOCATOR



TRAFFIC EVACUATION ZONES
PALM BEACH COUNTY (WEST)
TREASURE COAST HURRICANE EVACUATION STUDY

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

WEST PALM BEACH COUNTY
EVACUATION ZONE

PLATE 6-6

Prepared by the U. S. Army Corps of Engineers, Jacksonville
In cooperation with the Federal Emergency Management Agency Region IV
and the Florida Dept. of Comm. Affairs, Division of Emergency Management

applied to total seasonal units in each county. These variations can be used for occupancies related to summer versus late fall seasonal characteristics.

Another important aspect is that of participation rates. Several elements were incorporated in the transportation analysis regarding participation in the evacuation. At the request of local emergency management officials, participation rates of those residing in surge flooded zones were assumed to be 100%. A 100% participation by those evacuees living in mobile homes outside the surge flooded areas was also assumed. In addition, a small percentage (1 to 5% depending on storm intensity) of the "non-vulnerable" population was assumed to evacuate their dwelling units in the counties. An additional "Post Andrew" participation rate scenario was incorporated where in addition to the 100% surge and mobile home assumption, 10 to 25% of the other residents were assumed to participate. The Transportation Model Support Document provides a listing of all participation rates assumed by storm scenarios for each county in the study area.

A critical behavioral aspect that must be considered for the transportation analysis is the evacuation rate of the evacuating population. Behavioral data from research of past hurricane evacuation shows that mobilization and actual departures of the evacuating population occur over a period of many hours and sometimes several days. For the Treasure Coast study, clearance times were tested for three to four evacuation response rates (depending on the area) represented by different behavioral response curves. Behavioral response curves describing mobilization by the vulnerable population define the rate at which evacuating vehicles load onto the evacuation street network for each hourly interval relative to an evacuation order or strong advisory. The percentage of evacuees leaving dwelling units is then available for the calculations relating to traffic loadings at critical links along the evacuation network. The behavioral response curves shown in Figure 6-7 range from rapid response to extra-long response and are intended to include a potential range of possible mobilization times that might be experienced in a future hurricane evacuation situation. For sensitivity analysis, the mobilization/traffic loading time was varied between four hours and twelve hours.

BEHAVIORAL CUMULATIVE EVACUATION CURVES

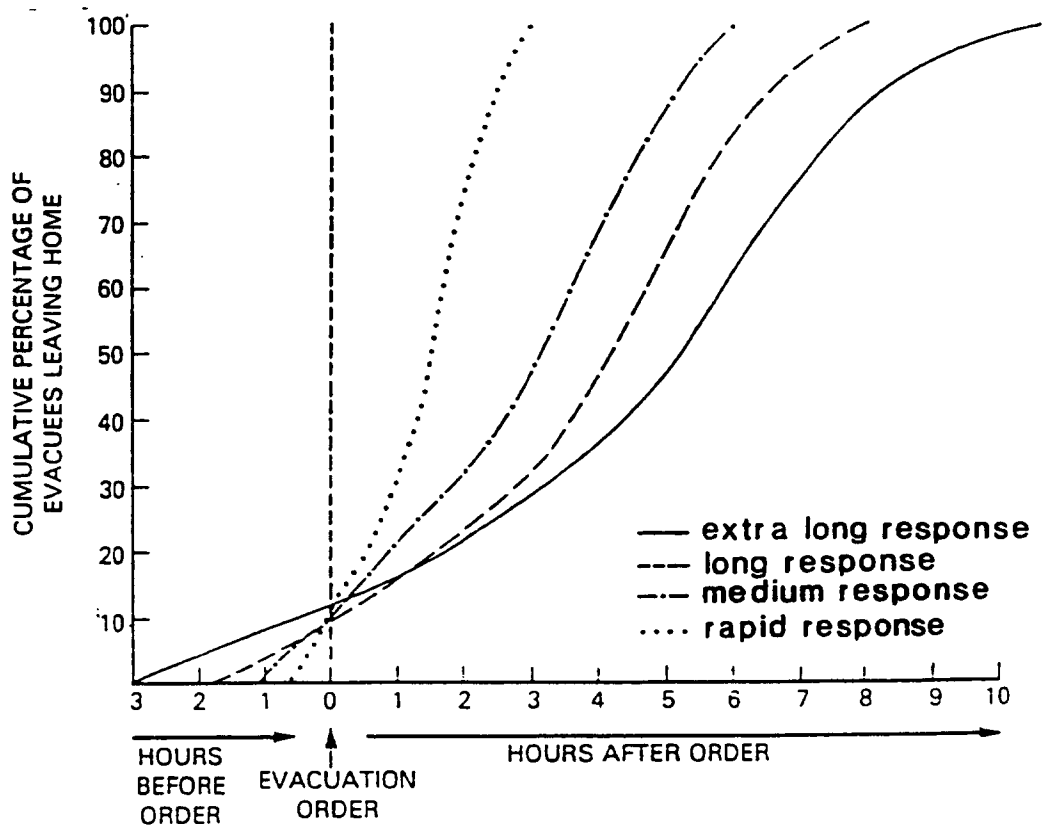


Figure 6-7

The percentage of evacuees assumed to go to one of four general destination types was another important behavioral input to the transportation analysis. Evacuee destination percentages were discussed with emergency management staff in each area after careful review of information available in past behavioral research. Figures were developed for the expected percent of evacuees going to public shelters, hotel/motel units, the home of a friend or relative, or out of the county entirely. Destination percentages were varied for each evacuation zone in each county depending on category of risk (distance from coastline) or special characteristics of a zone such as high number of substandard housing units or low income residents. Specific assumptions for each scenario and evacuation zone are provided in the Transportation Model Support Document. It should be noted that these destination percentages refer to destination desires. Where destination desires could not be satisfied with in-county capacities, the transportation analysis assumed that these evacuees would have to leave the county to find acceptable shelter.

A final behavioral assumption refers to vehicle usage and the percent of households expected to pull a trailer or recreational vehicle during an evacuation. Review of the behavioral survey and discussions with local officials produced the needed parameters. Vehicle usage percentages refer to the percentage of vehicles available at the home origin that are assumed to be used in the evacuation. Vehicle usage percentages were approximately 70% to 80% (depending on distance from the coastline) for the Treasure Coast study transportation analysis. The percent of households expected to pull a boat, trailer or RV was approximately 1-5 percent in the immediately coastal area zones.

Roadway Network and Traffic Control Assumptions

A final group of assumptions used for input to the transportation analysis is related to the roadway system chosen for the evacuation network and traffic control measures selected for traffic movement. Although the assumptions developed for the transportation analysis are general, the efforts at county and municipal levels regarding traffic control and roadway selection must be quite detailed. Detailed manpower allocations to major intersections, interchanges, and bridges involve extensive coordination among local and state officials. This study does not presume to replace those efforts, but seeks to quantify the time elements within which such manpower would operate.

In choosing roadways to be used for the evacuation network, an effort was made to

include street facilities with sufficient elevations, little or no adjacent tree coverage, substantial shoulder width and surface, and roadways already contained in existing hurricane evacuation plans. Another objective was to include east-west arterials and bridge combinations that would provide the smoothest (least disjointed) possible traffic flow.

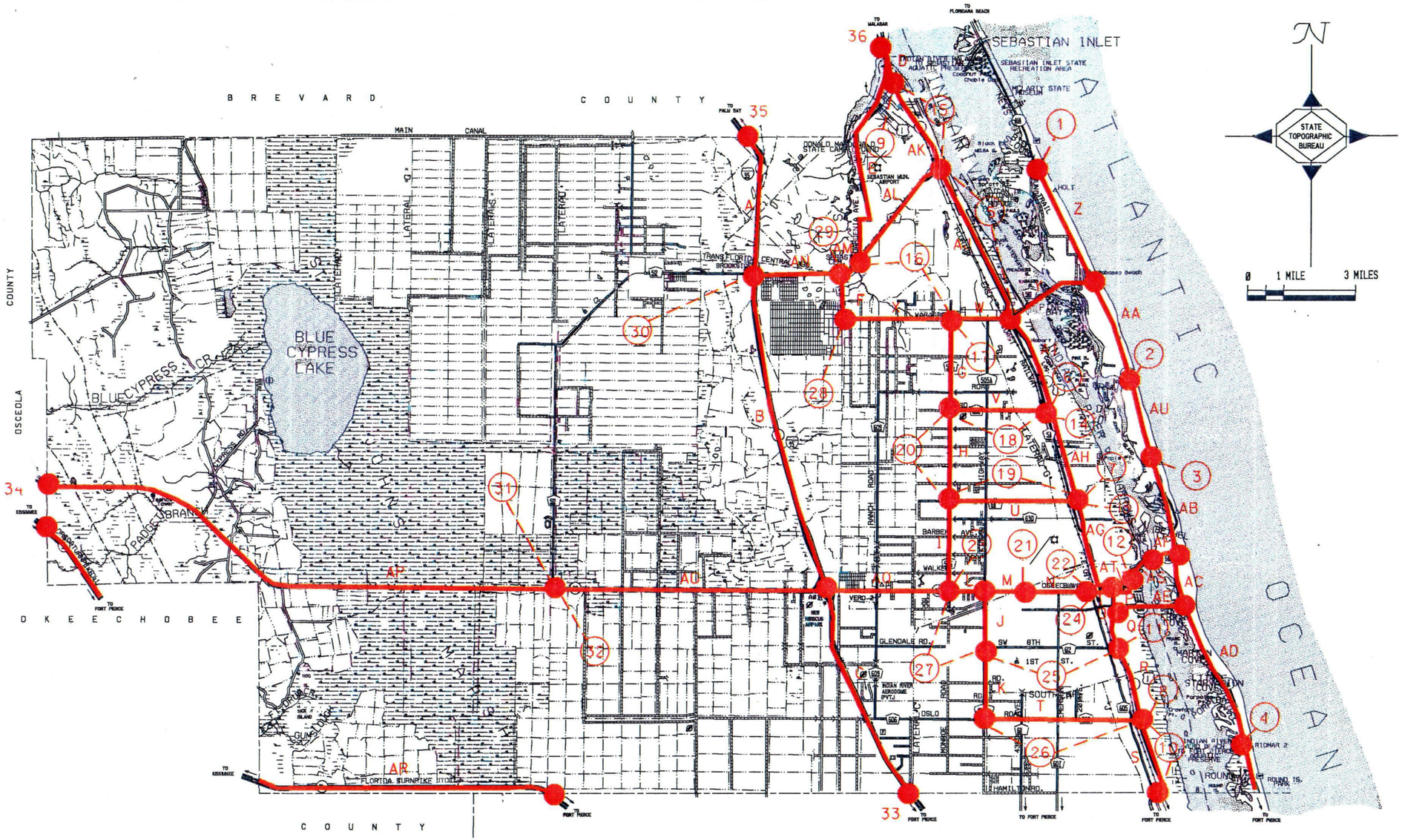
In order to determine the routing of evacuation a representation of the roadway system was developed. A traditional "link-node" system was developed to identify roadway sections. Nodes are used to identify the intersection of two roadways or changes in roadway characteristics. Links are the roadway segments as defined by the nodes when connected. Each link is identified by a letter designation.

Once the links and nodes for the evacuation routes were identified, roadway characteristics were specified for each link. The characteristics of each link were defined by the following features.

- Number of travel lanes
- Type of facility

Figures 6-8 through 6-12 show the roadway system representations (evacuation networks) for each county in the study area. The significance of link node segments and zone connectors (dashed lines) is explained in the Transportation Model Support Document. The figures consist of base maps showing all the major streets in the study area with identification of the nodes and centroid connectors in color. Detailed roadway link information is contained in the Transportation Model Support document.

An important assumption for the transportation modeling was that all drawbridges would be locked down and open to vehicular traffic during a Hurricane Warning period. U.S. Coast Guard regulation 33-117.1(c) may give Civil Defense authorities the ability to



LEGEND

- KEY INTERSECTION LOCATION
- EVACUATION ZONE CENTER
- 7 ZONE NUMBER
- B ROADWAY SEGMENT NAME
- EVACUATION ROAD SEGMENT

LOCATOR

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

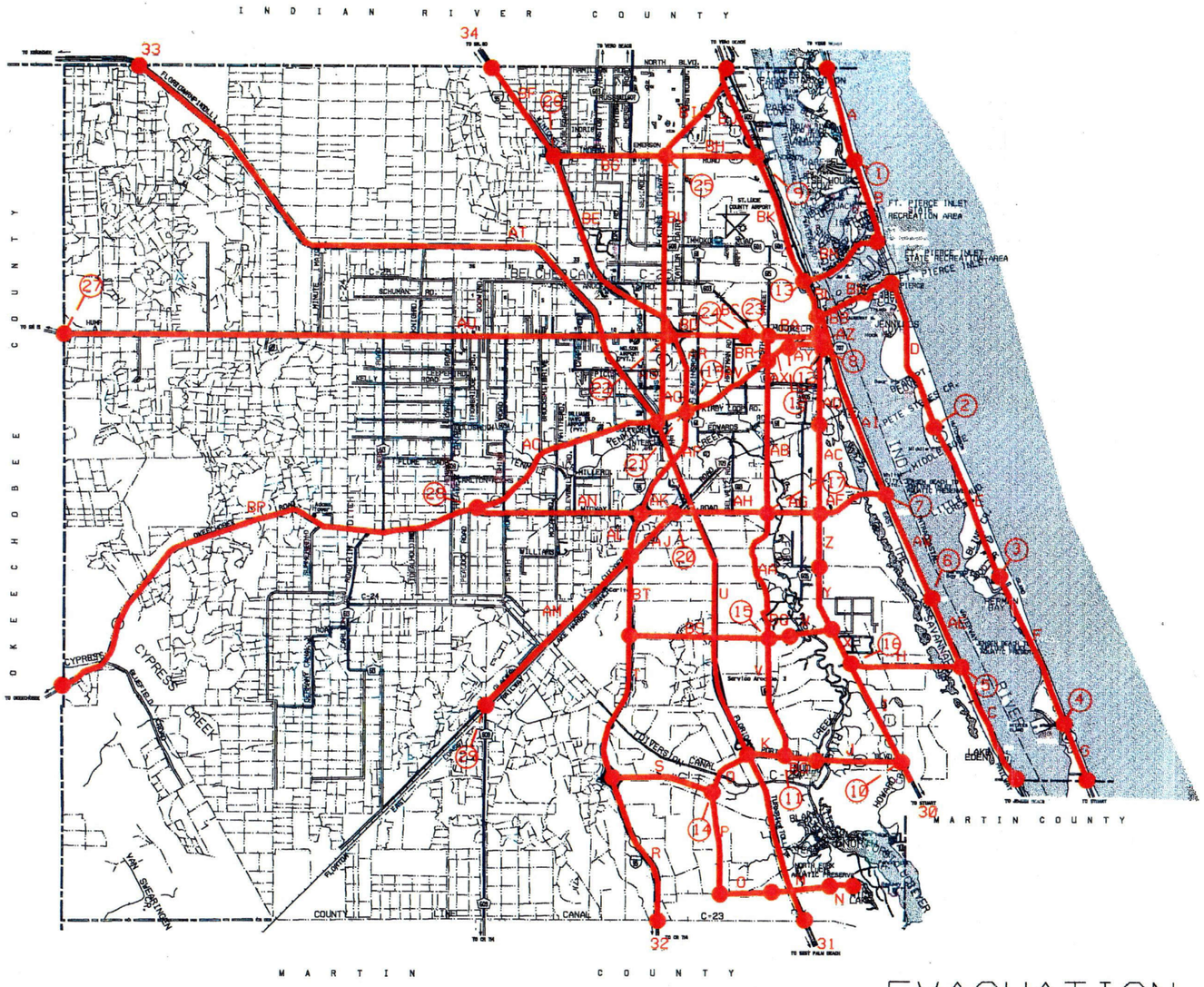
INDIAN RIVER COUNTY
EVACUATION ROAD NETWORK

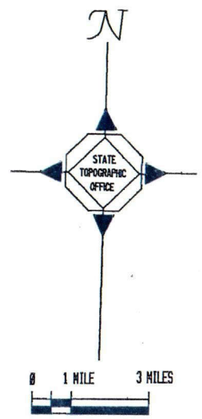
PLATE 6-8

Prepared by the U. S. Army Corps of Engineers, Jacksonville
in cooperation with the Federal Emergency Management Agency Region IV
and the Florida Dept. of Comm. Affairs, Division of Emergency Management

EVACUATION ROAD NETWORK

TREASURE COAST HURRICANE EVACUATION STUDY INDIAN RIVER COUNTY

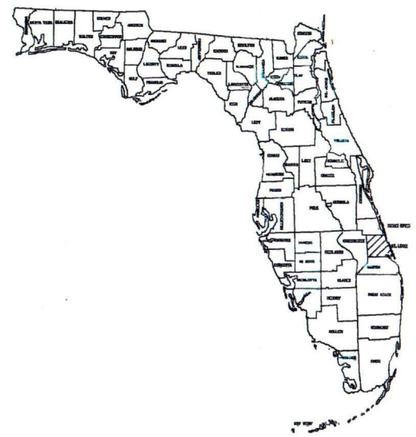




LEGEND

- KEY INTERSECTION LOCATION
- EVACUATION ZONE CENTER
- 7 ZONE NUMBER
- 8 ROADWAY SEGMENT NAME
- EVACUATION ROAD SEGMENT

MAP LOCATOR



EVACUATION ROAD NETWORK
ST. LUCIE COUNTY

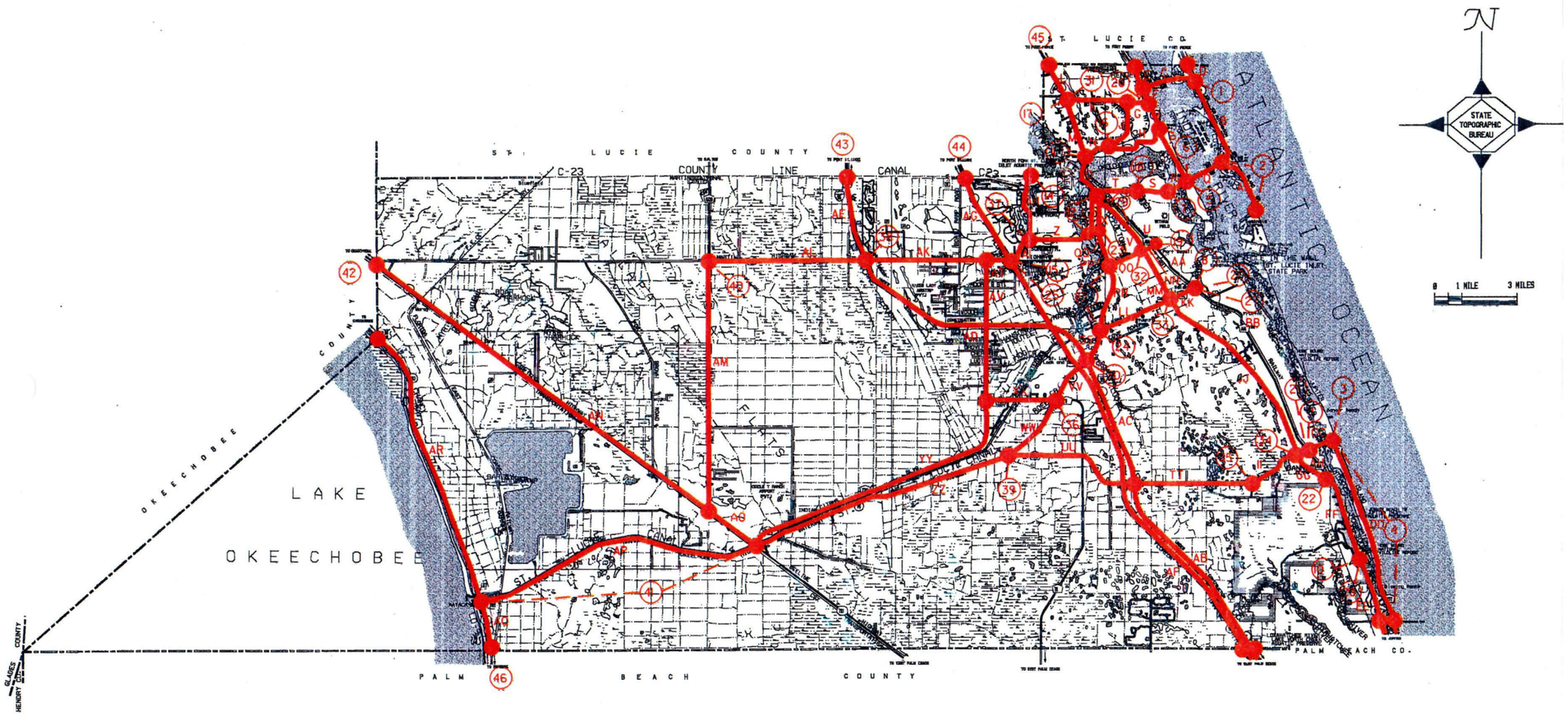
TREASURE COAST HURRICANE EVACUATION STUDY

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

ST. LUCIE COUNTY
EVACUATION ROAD NETWORK

PLATE 6-9

Prepared by the U. S. Army Corps of Engineers, Jacksonville
In cooperation with the Federal Emergency Management Agency Region IV
of Emergency Management and the Florida Dept. of Comm. Affairs, Division



LEGEND

- INTERSECTION OR INTERCHANGE LOCATION
- EVACUATION ZONE CENTER
- 7 ZONE NUMBER
- B ROADWAY SEGMENT NAME
- EVACUATION ROAD SEGMENT

LOCATOR

EVACUATION ROAD NETWORK

MARTIN COUNTY

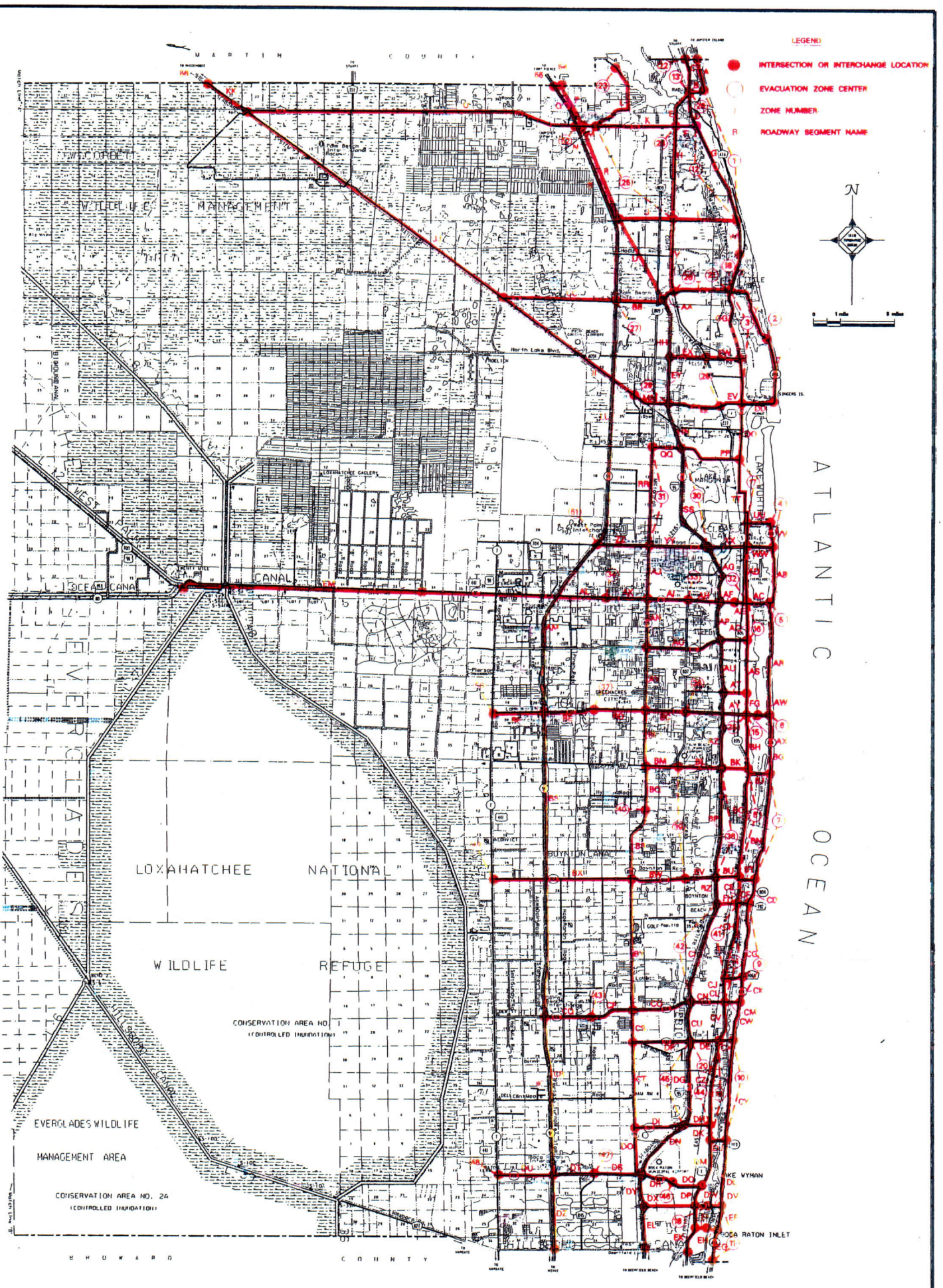
TREASURE COAST HURRICANE EVACUATION STUDY

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

MARTIN COUNTY
EVACUATION ROAD NETWORK

PLATE 6-10

Prepared by the U. S. Army Corps of Engineers, Jacksonville
In cooperation with the Federal Emergency Management Agency Region IV
and the Florida Dept. of Comm. Affairs, Division of Emergency Management

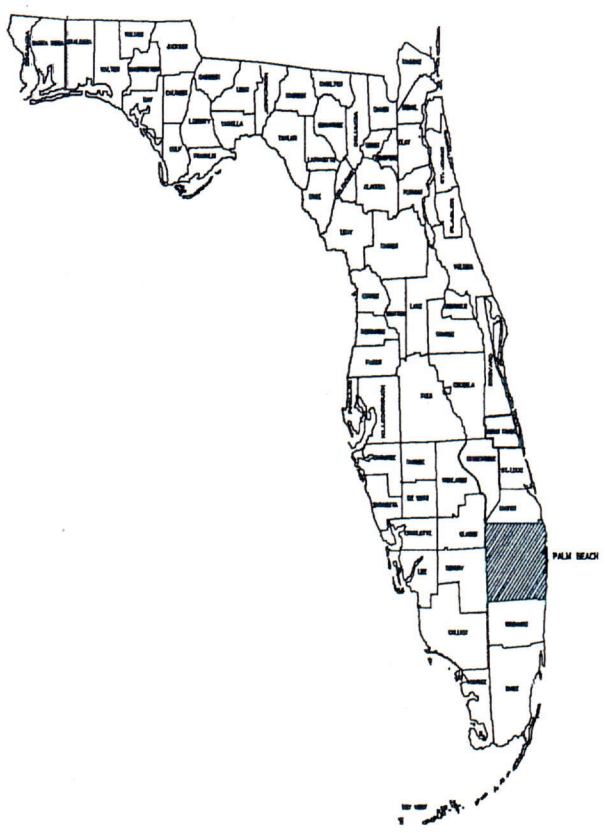


EVACUATION ROAD NETWORK

PALM BEACH COUNTY (east)

TREASURE COAST HURRICANE EVACUATION STUDY

LOCATOR



LEGEND

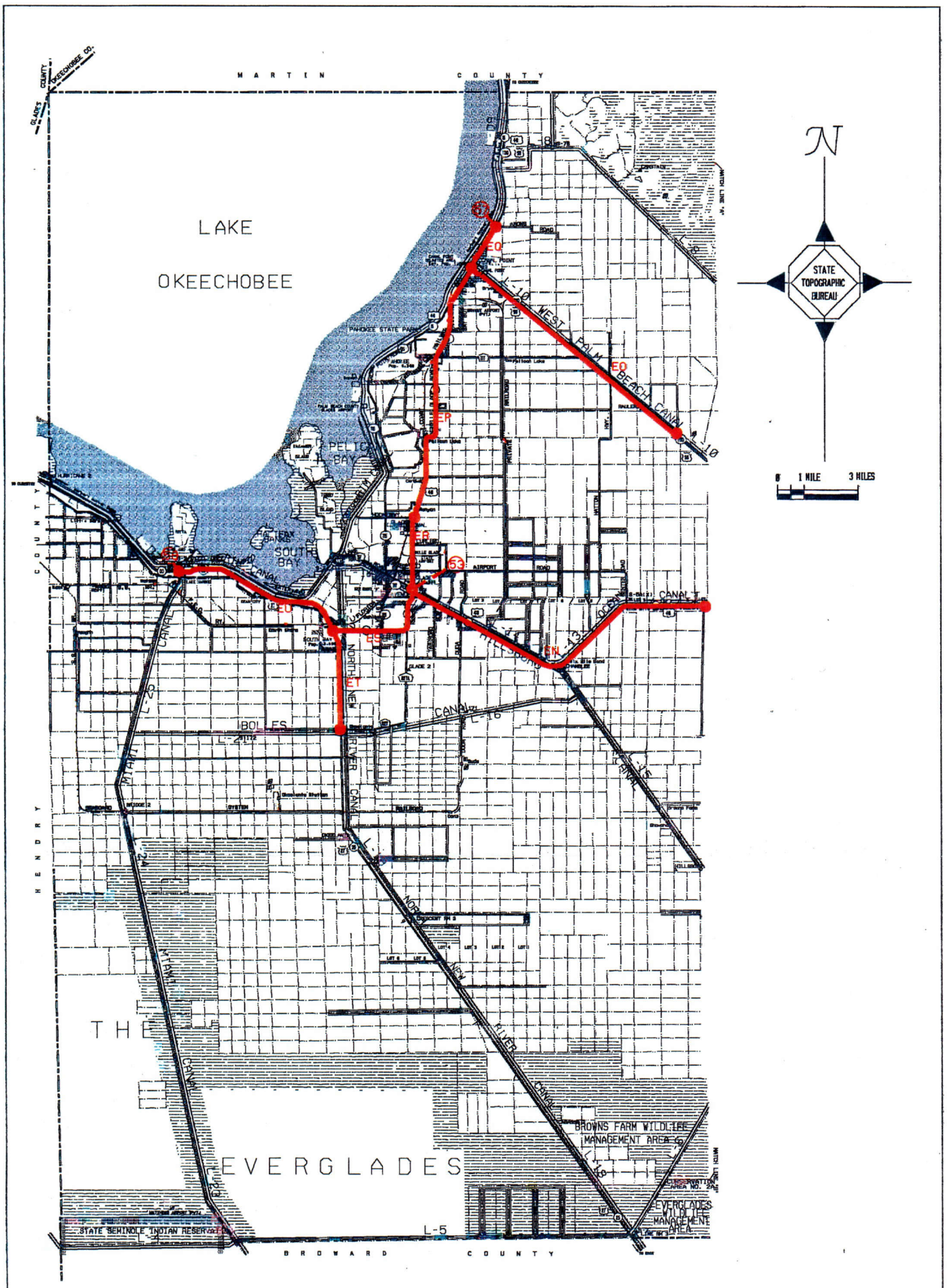
- KEY INTERSECTION LOCATION
- EVACUATION ZONE CENTER
- 7 ZONE NUMBER
- B ROADWAY SEGMENT NAME
- EVACUATION ROAD NETWORK

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

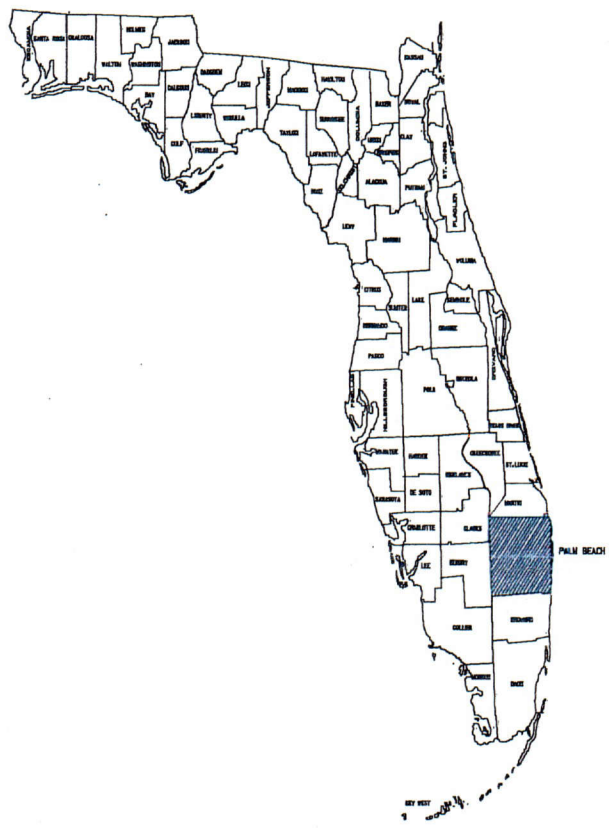
EAST PALM BEACH COUNTY
EVACUATION ROAD NETWORK

PLATE 6-11

Prepared by the U. S. Army Corps of Engineers, Jacksonville
In cooperation with the Federal Emergency Management Agency Region IV
and the Florida Dept. of Comm. Affairs, Division of Emergency Management



LOCATOR



EVACUATION ROAD NETWORK

PALM BEACH COUNTY (WEST)

TREASURE COAST HURRICANE EVACUATION STUDY

LEGEND

- KEY INTERSECTION LOCATION
- EVACUATION ZONE CENTER
- 7 ZONE NUMBER
- B ROADWAY SEGMENT NAME
- EVACUATION ROAD NETWORK

TREASURE COAST REGION, FL
HURRICANE EVACUATION STUDY

WEST PALM BEACH COUNTY
EVACUATION ROAD NETWORK

PLATE 6-12

Prepared by the U. S. Army Corps of Engineers, Jacksonville
in cooperation with the Federal Emergency Management Agency Region IV
and the Florida Dept. of Comm. Affairs, Division of Emergency Management

implement this procedure. At the present time, request for closure prior to a major disaster occurring (and prior to the warning period) should be directed to the U.S. Coast Guard. The U.S. Coast Guard has the capability of acting on these requests immediately. It is essential that appropriate bridge regulations be interpreted and implemented to allow for immediate response to an evacuation order. It may be prudent in some areas for boat owners to find safe harbor prior to a or during a Hurricane Watch period. The lives of citizens evacuating in vehicles could be at risk if bridges are not allowed to operate at near full capacity during a Hurricane Warning. Bridges openings obviously result in less than full hourly capacity for vehicular movement.

It was assumed that special personnel (state police, local policemen, sheriffs, deputies), will be assigned to critical intersections in the study area. This would allow for smoother traffic flow and would allow east-west traffic movements more intersection "green time." The transportation modeling task also assumes that provisions would be made for removal of vehicles in distress during the evacuation.

Assumptions concerning the road network are that the evacuation of all vehicles will occur prior to the arrival of sustained tropical storm winds (39 mph) and storm surge inundation.

In summary, data inputs to the transportation analysis can be classified into one of four categories:

- Hazards Data
- Socioeconomic Data
- Behavioral Data
- Roadway Network

Table 6-3 provides a listing of each major data input for each of the four categories.

OVERVIEW OF TRANSPORTATION MODELING METHODOLOGY

The work tasks involved in performing the transportation analysis are illustrated in Figure 6-13. In addition to the front end development of population data, evacuation zones, and

TABLE 6-3

Transportation Analysis Data Inputs

Hazards Data	Behavioral Data
* Land Areas Flooded for each Category Hurricane	* Rapidity of Response
* Public Shelter Useability by Hurricane Category	* Participation Rates
* Time of Arrival of Tropical Storm Winds/Roadway Inundation	* Destination Percentages
	* Vehicle Usage
	* Percent Pulling Trailer/Boat
	* Presence of Tourists

Socioeconomic Data	Roadway Network
* Housing Unit Data	* Number of Lanes by Link
* People Per Housing Unit	* Facility types by Link (function of roadway)
* Vehicles Per Housing Unit	* Drawbridge Operations
* Occupancy Assumptions	* Traffic Count Data
	* Elevation - "Low Spots"
	* Critical Links/Intersections Capacity Data

WORK FLOW DIAGRAM

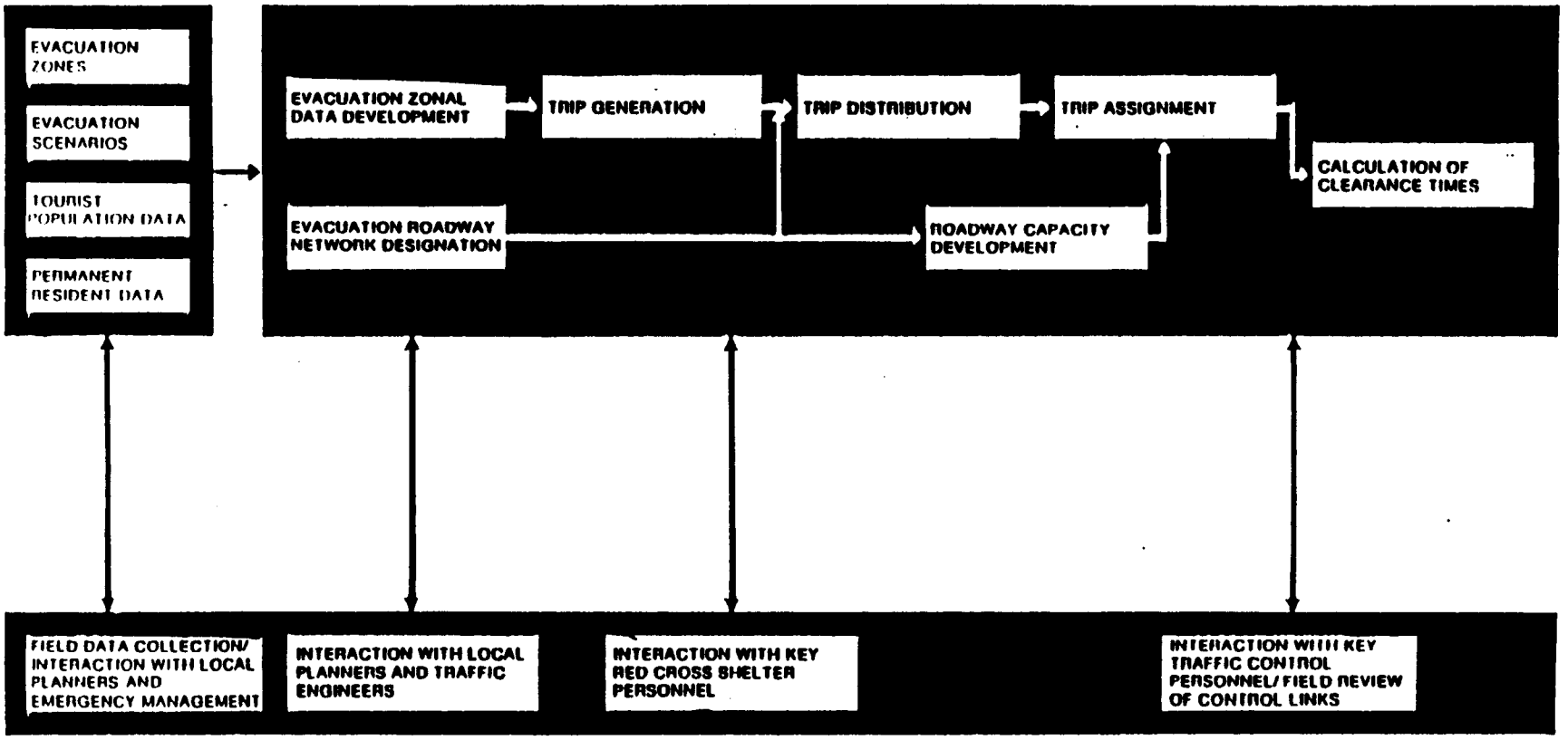


Figure 6-13

scenarios, the diagram provides the transportation modeling steps in the upper right hand box.

The transportation modeling methodology developed and employed for the Treasure Coast study area involved a number of manual and computer techniques. The methodology, while very technical, was designed to be consistent with the accuracy level of the modeling inputs and assumptions. The methodology is unique in that it is sensitive to the key behavioral aspects of evacuees.

The Transportation Model Support document specifies and explains the steps carried out in the transportation modeling at a detailed technical level. In summary, the modeling methodology involved seven major steps. These steps are briefly described below:

1. Evacuation Zonal Data Development - Data gathered by census tract/traffic analysis zone were stratified by evacuation zone. Numbers of permanent residential dwelling units, mobile homes, and seasonal units were compiled by zone and formatted for input into trip generation.

2. Evacuation Road Network Preparation - This step involved developing information for those roadways selected for inclusion in the evacuation road network. Information was coded into a "link file" for use by the assignment computer module. The end product of the step was a computerized representation of the roadway system.

3. Trip Generation - Specific dwelling unit variables were used in the trip generation calculations to produce total evacuating people and vehicles originating from each evacuation zone. Originating vehicles and people were stratified by destination type based on behavioral and population parameters previously established. Hotel/motel information coupled with public shelter capacity information were used to develop estimates of the number of evacuating vehicles that would find acceptable destinations in each zone.

4. Trip Distribution - This step concentrated only on those trip originating in a county and finding acceptable destinations within the same county. Productions from each zone were matched with available attractions in all zones. The end product of the step was a trip table showing trips between each zone and all other zones for each evacuation destination type. A unique trip table was developed for each storm scenario and for each tested behavioral assumption. Trip tables were also produced for trips originating in a county and leaving the county at assumed exit points.

5. Roadway Capacity Development - Number of lanes and facility type information for each roadway link in the evacuation network were translated into a level of service D directional hourly service volume for comparative purposes. Specific hourly flow rates were then developed for the most critical roadway segments and intersections.

6. Trip Assignment - this step included the use of another computer program to assign zone to zone trips onto the roadway system. All other categories of evacuation travel patterns (out-of-county to in-county, out-of-county to out-of-county, and background) were then added to arrive at total evacuation vehicles per roadway segment. This step then developed a series of volume to service volume ratios to determine which roadway segments would be most congested by evacuation vehicles. Those links with the highest volume to service volume ratios were identified for each county.

7. Calculation of Clearance Times - Travel Time/Queuing Delay Analysis - this step involved a detailed look at the critical links and intersections identified for the four counties of the study area. Initially, evacuation zones using the critical link of interest were identified. Evacuation vehicles from each zone were then released to the network in accordance with a behavioral response curve. Based on an assumed hourly flow rate for the critical link, the hourly volume desiring to use the link was then translated into a queuing delay time at the link and an evacuation travel time. The end product of this major step was a set of clearance time for each storm scenario.

MODEL APPLICATION

Application of the transportation modeling methodology produced several key data items for hurricane evacuation planning and preparedness. Completion of the transportation modeling produced the following:

1. Evacuating people and vehicle parameters
2. Shelter demand and capacity considerations
3. Traffic volumes and critical roadway segments
4. Estimated clearance times

Although many pieces of information are produced in the transportation analysis, these data items are most critical to planning shelter needs, addressing traffic control issues, and defining the timing requirements of an evacuation.

Evacuating People and Vehicle Parameters

Using a computer process, total evacuating vehicles and people produced by each zone were split by destination type (public shelter, hotel/motel unit, friend or relative's home, or out of the county). This was accomplished for each storm scenario and further refined by assumed behavioral characteristics of the population-at-risk. The Transportation Model Support Document provides this trip generation data for the zones of each county.

Table 6-4 provides ranges of evacuating people and vehicles for each county within the study area. The number of people evacuating and vehicles expected to be utilized in hurricane evacuations varies due to the effect of testing different storm scenarios and behavioral parameters. Figures are based on current census and TAZ population and previously discussed behavioral aspects of vulnerability areas relating to the SLOSH Maximum Envelope of Water limits for all hurricane directions and speeds. It is important to remember evacuating people figures include mobile home residents and a small percentage of person who will evacuate although theoretically not vulnerable. Mega Participation rates assume 100% of surge area homes, 100% of mobile homes and 10-25% of others evacuate.

Shelter Demand/Capacity Considerations

While the data discussed above are extremely important, they are most useful when matched with available sheltering. It is important to note that evacuating people and vehicle statistics generated for each county, evacuation zone, and destination type reflect where evacuees would go assuming enough safe destinations were available. After matching evacuee's destination desires with available shelters, the transportation analysis revealed that hotel/motel space will not be as widely available within the study area as perceived by the evacuating population. For transportation modeling purposes, those evacuees unable to the accommodated by study area hotel/motel space were assumed to find hotel/motel space outside the study area.

Table 6-5 provides the calculated public shelter demand and available capacity by storm scenario. (Shelter locations and capacities provided by each county for the transportation analysis are preliminary figures and are subject to change as shelters are analyzed further by shelter officials.) Shelter space is generally adequate in the study area counties for in-county demand during a hurricane. However, in Palm Beach County for the most intense hurricane

TABLE 6-4

EVACUATING PEOPLE AND VEHICLE STATISTICS
Treasure Coast Hurricane Evacuation Study
Transportation Analysis

County/Storm Scenario	Maximum Number of People Evacuating Dwelling Units	Maximum Number of Vehicles Leaving Dwelling Units
INDIAN RIVER COUNTY		
Category 1-2 summer seasonal occ.	39,200 people	23,350 vehicles
Category 1-2 late fall seasonal occ.	42,500 people	24,600 vehicles
Category 3-5 summer seasonal occ.	53,700 people	31,700 vehicles
Category 3-5 late fall seasonal occ.	57,000 people	33,000 vehicles
Category 3-5 summer seasonal occ. (Post Andrew mega participation rates)	60,300 people	35,500 vehicles
Category 3-5 late fall seasonal occ. (Post Andrew mega participation rates)	63,600 people	36,750 vehicles
ST. LUCIE COUNTY		
Category 1-2 summer seasonal occ.	67,900 people	32,900 vehicles
Category 1-2 late fall seasonal occ.	84,300 people	38,900 vehicles
Category 3-5 summer seasonal occ.	77,000 people	37,550 vehicles
Category 3-5 late fall seasonal occ.	93,500 people	43,550 vehicles
Category 3-5 summer seasonal occ. (Post Andrew mega participation rates)	92,300 people	45,400 vehicles
Category 3-5 late fall seasonal occ. (Post Andrew mega participation rates)	108,700 people	51,400 vehicles
MARTIN COUNTY		
Category 1-2 summer seasonal occ.	45,200 people	30,400 vehicles
Category 1-2 late fall seasonal occ.	50,100 people	32,250 vehicles
Category 3 summer seasonal occ.	66,800 people	44,800 vehicles
Category 3 late fall seasonal occ.	71,700 people	46,600 vehicles
Category 4-5 summer seasonal occ.	77,200 people	51,700 vehicles
Category 4-5 late fall seasonal occ.	82,100 people	53,550 vehicles
Category 4-5 summer seasonal occ. (Post Andrew mega participation rates)	81,900 people	54,850 vehicles
Category 4-5 late fall seasonal occ. (Post Andrew mega participation rates)	86,700 people	56,650 vehicles
PALM BEACH COUNTY		
Category 1-2 summer seasonal occ.	171,600 people	95,500 vehicles
Category 1-2 late fall seasonal occ.	184,400 people	100,400 vehicles
Category 3 summer seasonal occ.	228,800 people	125,300 vehicles
Category 3 late fall seasonal occ.	243,600 people	130,900 vehicles
Category 4-5 summer seasonal occ.	255,100 people	139,100 vehicles
Category 4-5 late fall seasonal occ.	270,900 people	144,950 vehicles
Category 4-5 summer seasonal occ. (Post Andrew mega participation rates)	389,800 people	209,300 vehicles
Category 4-5 late fall seasonal occ. (Post Andrew mega participation rates)	410,400 people	216,800 vehicles

TABLE 6-5

PUBLIC SHELTER DEMAND/CAPACITY STATISTICS

County/Storm Scenario	In-County People Going to In-County Public Shelter	Public Shelter Capacity
INDIAN RIVER COUNTY		
Category 1-2 summer seasonal occ.	5,700 people	18,169 people
Category 1-2 late fall seasonal occ.	5,900 people	
Category 3-5 summer seasonal occ.	8,100 people	
Category 3-5 late fall seasonal occ.	8,200 people	
Category 3-5 summer seasonal occ. (Post Andrew mega participation rates)	9,700 people	
Category 3-5 late fall seasonal occ. (Post Andrew mega participation rates)	9,900 people	
ST. LUCIE COUNTY		
Category 1-2 summer seasonal occ.	9,000 people	15,400 people
Category 1-2 late fall seasonal occ.	9,800 people	
Category 3-5 summer seasonal occ.	10,700 people	
Category 3-5 late fall seasonal occ.	11,600 people	
Category 3-5 summer seasonal occ. (Post Andrew mega participation rates)	14,600 people	
Category 3-5 late fall seasonal occ. (Post Andrew mega participation rates)	15,400 people	
MARTIN COUNTY		
Category 1-2 summer seasonal occ.	5,700 people	19,330 people
Category 1-2 late fall seasonal occ.	6,000 people	
Category 3 summer seasonal occ.	7,300 people	
Category 3 late fall seasonal occ.	7,600 people	
Category 4-5 summer seasonal occ.	8,200 people	
Category 4-5 late fall seasonal occ.	8,500 people	
Category 4-5 summer seasonal occ. (Post Andrew mega participation rates)	9,900 people	
Category 4-5 late fall seasonal occ. (Post Andrew mega participation rates)	10,100 people	
PALM BEACH COUNTY		
Category 1-2 summer seasonal occ.	24,900 people	36,200 people
Category 1-2 late fall seasonal occ.	25,500 people	
Category 3 summer seasonal occ.	33,400 people	
Category 3 late fall seasonal occ.	34,100 people	
Category 4-5 summer seasonal occ.	37,300 people	
Category 4-5 late fall seasonal occ.	38,100 people	
Category 4-5 summer seasonal occ. (Post Andrew mega participation rates)	64,700 people	
Category 4-5 late fall seasonal occ. (Post Andrew mega participation rates)	65,700 people	

and the largest imaginable public response, shelter space could be overburdened. Complicating the issue is the fact that many late evacuees from south of Palm Beach County could get trapped in Palm Beach County due to lane constrictions on the Florida Turnpike. This would add to public shelter demand. Once capacities are firmly established, they should be compared to the shelter demand figures for identification of shelter deficits.

Traffic Volumes and Critical Roadway Segments

The Transportation Model Support Document provides the assigned evacuating vehicle figures for all roadway segments in each county's evacuation network. In addition,the appendix provides the volume to service volume ratios calculated for each link. Those roadway segments with the highest ratios were identified as the critical links for each county. Table 6-6 lists the critical roadway segments by county. Critical links and intersections are listed in order of severity. These links control the flow of evacuation traffic during a hurricane evacuation and are key areas for traffic control and monitoring.

Estimated Clearance Times

The most important product of the transportation analysis is the clearance times developed by storm scenario and by behavioral characteristics for each county. Clearance time is one of two major considerations involved in issuing an evacuation or storm advisory. Clearance time must be weighed with respect to the arrival of tropical storm winds to make a prudent evacuation decision. Figure 6-14 illustrates these two timing issues of evacuation and their relation.

Clearance time is the time require to clear the roadway of all vehicles evacuating in response to a hurricane situation. Clearance time begins when the fist evacuating vehicle enters the road network (as defined by a hurricane evacuation behavioral response curve) and ends when the last evacuating vehicles reaches an assumed point of safety. Clearance time includes the time required by evacuees to secure their homes and prepare to leave (referred to as mobilization time), the time spent by evacuees traveling along the road

TABLE 6-6

CRITICAL LINKS AND INTERSECTIONS
Treasure Coast Hurricane Evacuation Study
Transportation Analysis

Indian River County

Florida Turnpike (SR 60 at Florida Turnpike interchange in Osceola County)
I-95 (SR 60 northbound on-ramp to I-95)
Osceola Blvd. (SR 60) from Kings Highway (58th Ave.) to I-95
A1A and Beachland Blvd. intersection (SR 60) in Vero Beach
SR 60 and US 1 intersection (2 blocks east of City Hall)
11th avenue and SR 60 intersection Wabasso Road and US 1 intersection
A1A and 17th Street Causeway intersection
17th Street and US 1 intersection
Merrill Barber Bridge (SR 60) - drawbridge
Wabasso Bridge - fixed span
17th Street Causeway Bridge - fixed span

St. Lucie County

Florida Turnpike (Okeechobee Road and Port St. Lucie Blvd. interchanges)
I-95 (northbound from Okeechobee Road)*
A1A - Peter Cobb Bridge and intersections with CR 707 (Indian River Drive) and US 1
US 1 intersections with Avenue A, Virginia, and Citrus Avenues
7th Street intersections with Avenue A and Orange Avenue
Prima Vista Blvd.
Port St. Lucie Blvd.
Okeechobee Road from Virginia Avenue to I-95
I-95 northbound on-ramps at Gatlin Blvd., St. Lucie West Blvd., Midway Road. and Orange Ave.
N. Beach Causeway intersections with CR 605 (Old Dixie Highway) and US 1.

Martin County

Florida Turnpike (Martin Downs Blvd. interchange)
I-95 (northbound from Okeechobee Road in St. Lucie County)*
I-95 (northbound on-ramps at Martin Highway, Kanner Highway, and CR 708)
Monterey Road intersections with Kanner Highway and Palm City Avenue
Palm City Bridge and Martin Downs Blvd. (including intersection with Florida Turnpike entrance)
CR 707 intersection with US 1
Indian Street and Kanner Highway intersection
Roosevelt Bridge
Bridge Road intersections with Gomez Avenue and US 1 at Hobe Sound
Jensen Beach Causeway intersection with Indian River Drive
Ocean Blvd. intersections with Sewalls Point Road and Monterey Road

Monterey Road/Palm Beach Road intersection with US 1
Kanner Highway and US 1 intersection
Martin Highway from Florida Turnpike entrance to I-95

Palm Beach County

Florida Turnpike north of Indiantown Road*
Florida Turnpike south of Indiantown Road
I-95 (northbound from Okeechobee Road in St. Lucie County)*
I-95 - all northbound on-ramps
Indiantown Road between Alt. A1A and I-95
PGA Blvd. and US 1 intersection
PGA Blvd. between I-95 and Florida Turnpike
Lake Worth Road from Lake Worth to Florida Turnpike
Atlantic Avenue between A1A and I-95
Palmetto Park Road between A1A and I-95
Camino Real and US 1 intersection

*Regionally significant choke point

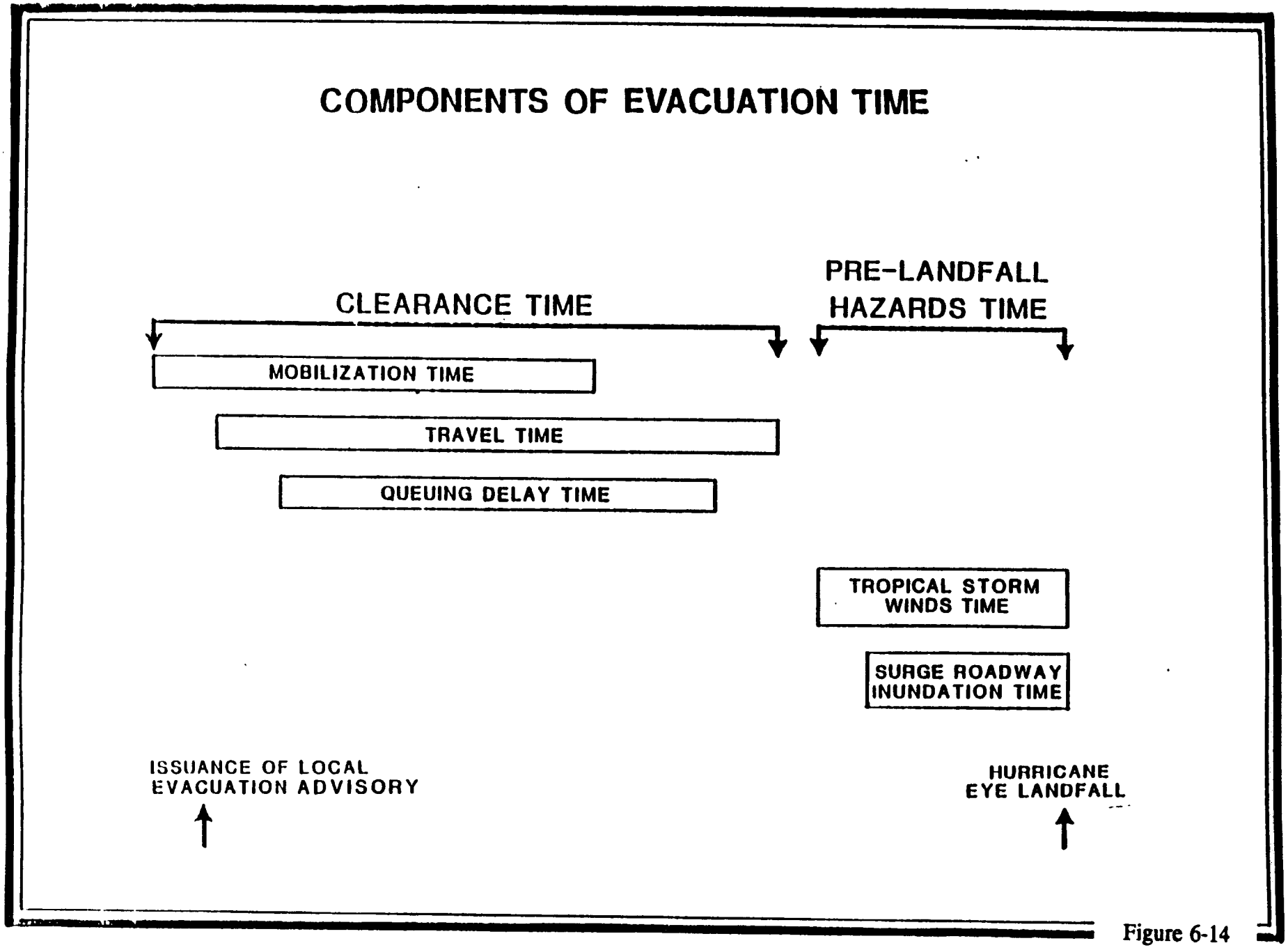

COMPONENTS OF EVACUATION TIME
CLEARANCE TIME
PRE-LANDFALL HAZARDS TIME
MOBILIZATION TIME
TRAVEL TIME
QUEUING DELAY TIME
TROPICAL STORM WINDS TIME
SURGE ROADWAY INUNDATION TIME
ISSUANCE OF LOCAL EVACUATION ADVISORY
HURRICANE EYE LANDFALL

Figure 6-14

network (referred to as travel time), and the time spent by evacuees waiting along the road network due to traffic congestion (referred to as queuing delay time). Clearance time does not relate to the time any one vehicle spends traveling on the road network.

Generally, clearance times allow for the last vehicle leaving to reach the county line. However, for the Treasure Coast region there are many regional and state clearance time issues that require us to look beyond one county or study area's boundaries. Traffic congestion could be severe along the Florida Turnpike and I-95 as both facilities go from three northbound to two northbound lanes within the region. For those southeast Florida and Treasure Coast evacuees who make it through these bottlenecks, a recent Florida Peninsula Hurricane Evacuation Study shows that the I-75/Florida Turnpike interchange at Wildwood could be the most severe bottleneck within the state transportation network.

Table 6-7 presents the clearance times estimated for each county and for the region as a whole. Clearance times are stratified by intensity of hurricane (storm scenario), by rate of response on the part of the evacuating population, and by level of seasonal occupancy. It is important to note that clearance times are based on the assumptions that local officials will be successful in evacuating residents out of dwelling units located in the areas shown as flooded by storm surge (by the SLOSH model). The hazards analysis chapter of the Technical Data Report defines these surge limits and the theory behind their derivation.

TRAFFIC CONTROL ISSUES

The movement of evacuating vehicles during hurricane evacuations requires extensive traffic control efforts to make maximum use of roadway capacity and to expedite safe escape from hurricane hazards. The development of traffic control techniques for critical evacuation roadway links and intersections should always be developed by local police, state highway patrolmen, state DOT, local traffic engineers, emergency management personnel and the U.S. Coast Guard working together cooperatively. The following traffic control issues are recommended for consideration:

1. As manpower supply allows, ideally officers should be stationed at each critical intersection to move traffic, and to assist disabled vehicles. Critical links and intersections discussed previously should be used as a starting point in developing manpower assignments.

TABLE 6-7

CLEARANCE TIMES (in hours)
Treasure Coast Hurricane Evacuation Study
Transportation Analysis

INDIAN RIVER COUNTY - In County Evacuation Movements

Storm Scenario	Summer Season	Late Fall Season
Category 1-2 Hurricane		
Rapid Response	5-1/2 hour	6 hours
Medium Response	6-1/2 hours	7 hours
Long Response	9-1/2 hours	9-1/2 hours
Category 3-5 Hurricane		
Rapid Response	8-1/4 hours	8-3/4 hours
Medium Response	9 hours	9-1/2 hours
Long Response	10 hours	10-1/2 hours
Category 3-5 Hurricane/Post Andrew Mega Participation Rates		
Rapid Response	9-1/4 hours	9-3/4 hours
Medium Response	10 hours	10-1/2 hours
Long Response	11 hours	11-3/4 hours

Note: Please see times related to out of county movements on out of region clearance time sheet.

TABLE 6-7
(Continued)

CLEARANCE TIMES (in hours)
Treasure Coast Hurricane Evacuation Study
Transportation Analysis

ST. LUCIE COUNTY - In County Evacuation Movements

Storm Scenario	Summer Season	Late Fall Season
Category 1-2 Hurricane		
Rapid Response	6-1/4 hours	7-1/4 hours
Medium Response	7 hours	8 hours
Long Response	9-1/2 hours	9-1/2 hours
Category 3-5 Hurricane		
Rapid Response	6-1/2 hours	7-1/2 hours
Medium Response	7-1/4 hours	8-1/2 hours
Long Response	9-1/2 hours	10 hours
Category 3-5 Hurricane/Post Andrew Mega Participation Rates		
Rapid Response	6-1/2 hours	7-1/2 hours
Medium Response	7-1/4 hours	8-1/2 hours
Long Response	9-1/2 hours	10 hours

Note: Please see times related to out of county movements on out of region clearance time sheet.

TABLE 6-7
(Continued)

CLEARANCE TIMES (in hours)
Treasure Coast Hurricane Evacuation Study
Transportation Analysis

MARTIN COUNTY - In County Evacuation Movements

Storm Scenario	Summer Season	Late Fall Season
Category 1-2 Hurricane		
Rapid Response	7-1/4 hours	8 hours
Medium Response	7-3/4 hours	8-3/4 hours
Long Response	9-1/4 hours	9-3/4 hours
Category 3 Hurricane		
Rapid Response	12-3/4 hours	13-1/2 hours
Medium Response	13-1/4 hours	14-1/4 hours
Long Response	14-1/4 hours	15-1/4 hours
Category 4-5 Hurricane		
Rapid Response	16-1/4 hours	17 hours
Medium Response	16-3/4 hours	17-3/4 hours
Long Response	17-1/2 hours	18-3/4 hours
Category 4-5 Hurricane/Post Andrew Mega Participation Rates		
Rapid Response	16-1/2 hours	17-1/2 hours
Medium Response	17-1/4 hours	18 hours
Long Response	18 hours	19 hours

Note: Please see times related to out of county movements on out of region clearance time sheet. Category 4-5 times can be reduced to the Category 3 level times by shifting out of county evacuees living north of the St. Lucie River to Pt. St. Lucie Blvd. in St. Lucie County.

TABLE 6-7
(Continued)

CLEARANCE TIMES (in hours)
Treasure Coast Hurricane Evacuation Study
Transportation Analysis

PALM BEACH COUNTY - In County Evacuation Movements

Storm Scenario	Summer Season Light Background Traffic	Summer Season Heavy Background Traffic	Late Fall Season Light Background Traffic	Late Fall Season Heavy Background Traffic
Category 1-2 Hurricane				
Rapid Response	7-1/4 hrs	8 hrs	8 hrs	9 hrs
Medium Response	8 hrs	9 hrs	8-3/4 hrs	10-1/4 hrs
Long Response	9-1/4 hrs	10-1/4 hrs	9-3/4 hrs	12 hrs
Category 3 Hurricane				
Rapid Response	8-1/2 hrs	9-1/2 hrs	9-1/2 hrs	10-1/2 hrs
Medium Response	9-1/4 hrs	10-1/4 hrs	10 hrs	11-1/2 hrs
Long Response	10-1/4 hrs	11-1/2 hrs	11 hrs	13-1/4 hrs
Category 4-5 Hurricane				
Rapid Response	11 hrs	12 hrs	12 hrs	13 hrs
Medium Response	11-1/2 hrs	12-3/4 hrs	12-1/2 hrs	14-1/4 hrs
Long Response	12-1/2 hrs	14-1/4 hrs	13-1/2 hrs	16 hrs
Category 4-5 Hurricane/Post Andrew Mega Participation Rates				
Rapid Response	11-1/4 hrs	12 hrs	12 hrs	13 hrs
Medium Response	11-1/2 hrs	13 hrs	12-1/2 hrs	14-1/4 hrs
Long Response	12-1/2 hrs	14-1/4 hrs	13-1/2 hrs	16 hrs

Note: Please see times related to out of county movements on out of region clearance time sheet.

TABLE 6-7
(Continued)

CLEARANCE TIMES (in hours)
Treasure Coast Hurricane Evacuation Study
Transportation Analysis

OUT OF REGION - Florida Turnpike/I-95 Evacuation Movements

Storm Scenario	Summer Season	Late Fall Season
Category 1-2 Hurricane		
Rapid Response	16-1/2 hours	21 hours
Medium Response	16-3/4 hours	21-1/4 hours
Long Response	17-1/4 hours	21-1/2 hours
Extra Long Response	18-1/4 hours	21-3/4 hours
Category 3-5 Hurricane		
Rapid Response	34-1/4 hours	39-3/4 hours
Medium Response	34-1/2 hours	40 hours
Long Response	34-3/4 hours	40-1/4 hours
Extra Long Response	35 hours	40-1/2 hours
Category 3-5 Hurricane/Post Andrew Mega Participation Rates		
Rapid Response	47-1/4 hours	54-1/4 hours
Medium Response	47-1/2 hours	54-1/4 hours
Long Response	47-3/4 hours	54-3/4 hours
Extra Long Response	48 hours	55 hours

Note: These times reflect the accumulation of Lower southeast Florida evacuation vehicles along with the out of county vehicles produced by Treasure Coast Counties on both the Florida Turnpike and I-95. Preliminary analyses from the Florida Peninsula Hurricane Evacuation Study show that clearance times could be much higher than these if a major hurricane forces the evacuation of southwest Florida and the bottleneck moves up to the interchange of I-75 and the Florida Turnpike at Wildwood.

2. All available tow trucks should be positioned or on call along key travel corridors and critical links. At a minimum, tow trucks should be at major bridge crossings to remove disabled vehicles.

3. Where intersections will continue to have signalized control, signal patterns providing the most "green time" for the approach leading away from the coast should be actuated by the State Department of Transportation field office or local traffic engineer's office as appropriate.

4. All draw/swing bridges needed for evacuation should be located in the "down" position during a hurricane warning if possible. Boat owners must be made aware of flotilla plans and time requirements for securing vessels. Optimally, recreational vehicles should be moved to safe harbor during or before hurricane watch. This judgement will need to be made on a case by case basis through discussions between the U.S. Coast Guard, local emergency officials and the State DOT.

5. Manual direction of traffic should be supplemented by physical barrier/cones that are adequately weighted down and which are placed to channel traffic and minimize merging conflicts.

6. The movement of mobile homes, campers and boat trailers along evacuation routes should be minimized or even prohibited after a hurricane warning is issued.

7. The collection of tolls should be suspended on facilities such as the Florida Turnpike at some point during an evacuation.

8. Martin County residents who are evacuating dwelling units north of the St. Lucie River to go out of the region should be encouraged to use Pt. St. Lucie Blvd. in St. Lucie County to access the Florida Turnpike and I-95.

9. Any measures to create at least a temporary third northbound lane (using the right hand shoulder) on the Florida Turnpike and I-95 out of the Treasure coast region should be aggressively pursued by state transportation and law enforcement officials.

10. State emergency management officials must aggressively pursue the identification and facilitation of some major regional and state shelter intercepts facilities.

11. Roadway closure plans must be developed to end evacuations on the Florida Turnpike, so that evacuees are not stranded on open stretches of highway or in Palm Beach and St. Lucie Counties as the leading hazards begin to arrive.

CHAPTER SEVEN

DECISION ARCS

PURPOSE

This chapter describes the Decision Arc Method, a hurricane evacuation decision-making tool that uses the clearance times determined by the Transportation Analysis in conjunction with National Hurricane Center advisories to calculate when evacuations must begin in order for them to be completed prior to pre-landfall hazards.

BACKGROUND

Along the Atlantic seaboard, hurricanes do not ordinarily approach landfall from a direction perpendicular to the coastline but are often recurving from the tropics and make landfall on a track more nearly parallel to shore. At a typical angle of approach to the shoreline, an error of 10 degrees in predicting the hurricane track can easily mean a 100 nautical mile difference in the point of landfall 24 hours later. Also, as hurricanes move out of the tropics toward the central Atlantic coast, they often lose their steering air currents and begin to behave somewhat erratically. In some cases, hurricanes have become totally unpredictable. Understandably, hurricane forecasting along the Atlantic coast has its uncertainties. The average error of 12 hour forecast landfall positions for Atlantic coast tropical cyclones (including storms of less than hurricane intensity) during 1970-79 was about 50 nautical miles and, for 24 hour forecasts, landfall position error was about 110 nautical miles.

When a hurricane approaches a coastline at an acute angle, which is the usual case along the Atlantic seaboard, an error in forecast landfall position will increase or decrease the distance to landfall, possibly resulting in a significant error in forecast time of landfall. The forward motion of hurricanes can also accelerate and decelerate, causing the time of landfall to be even more unpredictable. Since hurricane evacuation decision making and mobilization have typically been dependent upon forecast landfall position and time of landfall, a method

was needed that would help negate forecast errors by correlating evacuation operations in each county with hurricane position.

It is recommended that hurricane vulnerable jurisdictions investigate the various hurricane evacuation decision-making computer programs in use today. These programs incorporate Hurricane Evacuation Study data, including some version of the decision arc method presented in this chapter; they can be very useful in speeding needed calculations and automatically using checklists of factors that should be considered in deciding both if and when to evacuate. Even if a computer program(s) is used, familiarity with the concepts presented in this Chapter is of utmost importance. This will enhance confidence in the use of the software and will also ensure the ability to function in the event of power outages or computer failure.

DECISION ARC COMPONENTS

A. General.

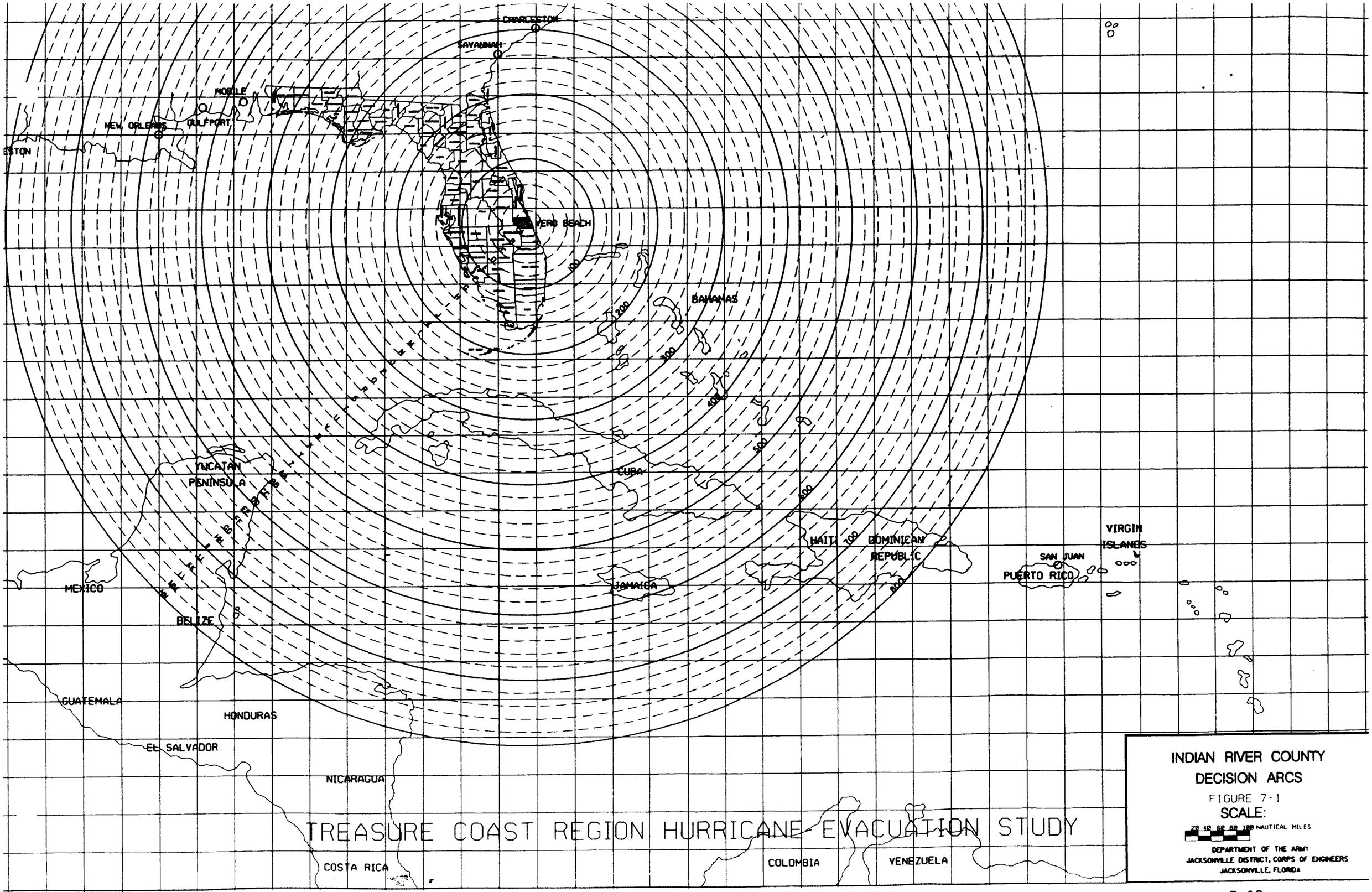
The Decision Arc Method employs two separate but related components which, when used together, depict the hurricane situation as it relates to each county. A specialized hurricane tracking chart, the Decision Arc Map, is teamed with a transparent two-dimensional hurricane graphic, the STORM, to describe the approaching hurricane and its location in relation to the county considering evacuation.

B. Decision Arc Map.

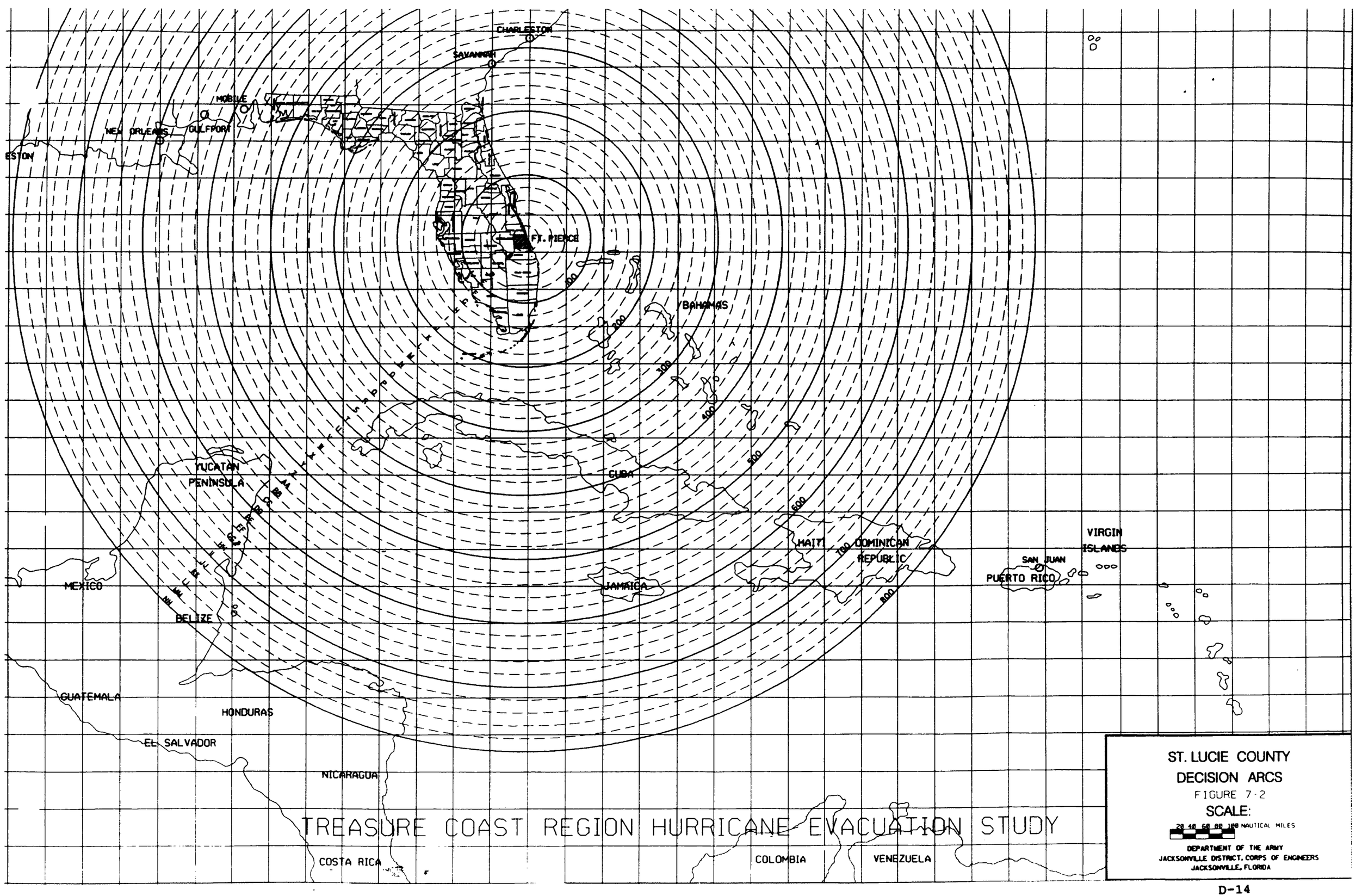
In order to properly evaluate the last reported position and forecast track of an approaching hurricane, special hurricane tracking charts have been developed. Superimposed on an ordinary tracking chart is a series of concentric arcs centered on the most populous coastal area in each county and spaced at 20-nautical miles intervals. These arcs are labeled in nautical miles measured from their center and also, for convenience, alphabetically. Figures 7-1 through 7-4 (located in Appendix D) show the Decision Arc Maps for each county in the Treasure Coast Region.

C. STORM.

The Special Tool for Omni-directional Radial Measurements (STORM) is used as a two-dimensional depiction of an approaching hurricane. It is a transparent disk with concentric circles spaced at 25 nautical mile intervals, their center representing the hurricane eye. These circles form a scale used to note the radius of 34 knot winds (gale force) reported by the National Hurricane Center in the Marine Advisory and Public Advisory.



TREASURE COAST REGION HURRICANE EVACUATION STUDY



ST. LUCIE COUNTY
DECISION ARCS
FIGURE 7-2
SCALE:
20 10 50 80 100 NAUTICAL MILES
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

TREASURE COAST REGION HURRICANE EVACUATION STUDY

CHARLESTON
SAVANNAH
MOBILE
NEW ORLEANS
GULFPORT
STUART
BAHAMAS
CUBA
HAITI
DOMINICAN REPUBLIC
VIRGIN ISLANDS
SAN JUAN
PUERTO RICO
JAMAICA
YUCATAN PENINSULA
MEXICO
BELIZE
GUATEMALA
HONDURAS
EL SALVADOR
NICARAGUA
COSTA RICA
COLOMBIA
VENEZUELA
100
200
300
400
500
600
700
800
A
B
C
D
E
F
G
H
J
K
L
M
N
AA
BB
CC
DD
EE
FF
GG
HH
JJ
KK
LL
MM
NN
PP

TREASURE COAST REGION HURRICANE EVACUATION STUDY

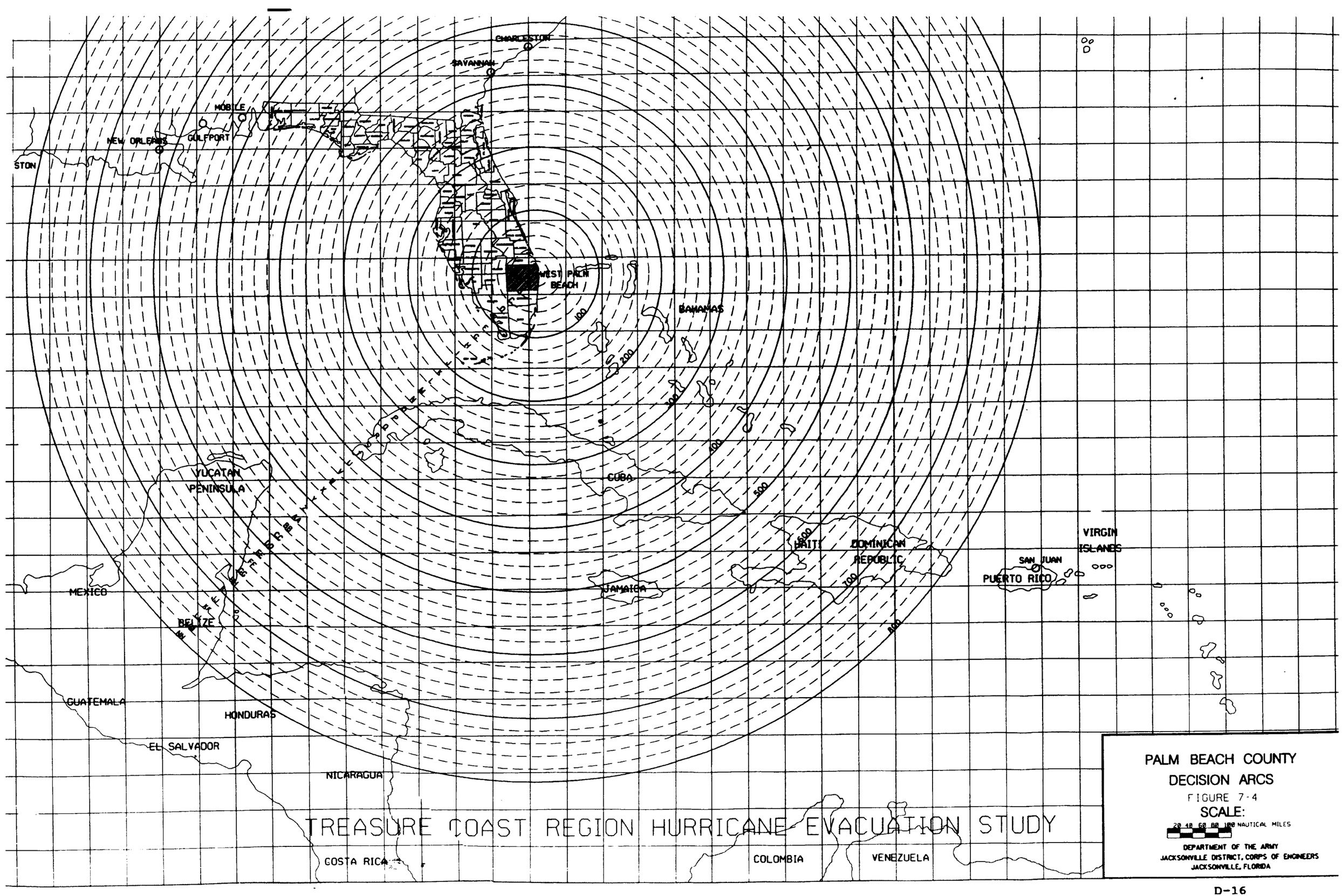
MARTIN COUNTY DECISION ARCS

FIGURE 7-3

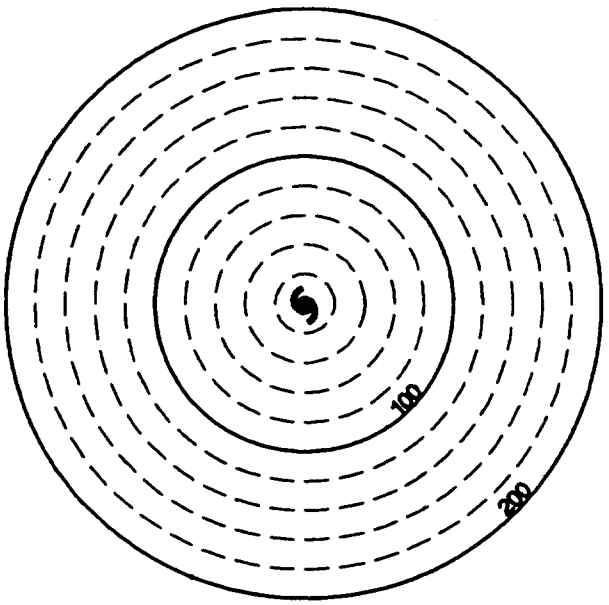
SCALE:

20 40 60 80 100 NAUTICAL MILES

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA



TREASURE COAST REGION HURRICANE EVACUATION STUDY



STORM PLOT OVERLAY

FIGURE 7-5

SCALE:

20 40 60 80 100 NAUTICAL MILES

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Appendix A

TREASURE COAST REGION
HURRICANE EVACUATION STUDY

INUNDATION MAPPING (STORM SURGE ATLASES)

APPENDIX A

INDIAN RIVER COUNTY
ST. LUCIE COUNTY
MARTIN COUNTY
PALM BEACH COUNTY

CORPS OF ENGINEERS
FEDERAL EMERGENCY MANAGEMENT AGENCY
NOAA NATIONAL HURRICANE CENTER
FLORIDA DIVISION OF EMERGENCY MANAGEMENT

Storm Surge Atlases

distributed

separately.

Appendix B

TREASURE COAST REGION
HURRICANE EVACUATION STUDY

HAZARDS ANALYSIS (SLOSH MODEL)

APPENDIX B

INDIAN RIVER COUNTY
ST. LUCIE COUNTY
MARTIN COUNTY
PALM BEACH COUNTY

CORPS OF ENGINEERS
FEDERAL EMERGENCY MANAGEMENT AGENCY
NOAA NATIONAL HURRICANE CENTER
FLORIDA DIVISION OF EMERGENCY MANAGEMENT

A STORM SURGE ATLAS FOR THE PALM BEACH, FLORIDA AREA

Storm Surge Group
National Hurricane Center
National Oceanic and Atmospheric Administration
Coral Gables, Florida 33146

TABLE OF CONTENTS

Table 1. Saffir/Simpson hurricane intensity categories.

	Central Pressure		Wind Speed		
Category	Millibars	Inches (Hg)	Miles per Hr.	Knots	Damage
1	≥ 980	≥ 28.9	74 - 95	64 - 83	Minimal
2	965 - 979	28.5 - 28.9	96 - 110	84 - 96	Moderate
3	945 - 964	27.9 - 28.5	111 - 130	97 - 113	Extensive
4	920 - 944	27.2 - 27.9	131 - 155	114 - 135	Extreme
5	< 920	< 27.2	> 155	> 135	Catastrophic

B. Storm Surge Model

Storm surge is the response by the ocean to meteorological forces. The model's governing equations are those given by Jelesnianski (1967), except now for the inclusion of the finite amplitude effect. Coefficients for surface drag, eddy viscosity and bottom slip are the same as those used in an earlier model (Jelesnianski, 1972). There is no calibration or tuning to force agreement between observed and computed surges; coefficients are fixed, and do not vary from one geographical region to another.

Special techniques are incorporated to model two-dimensional inland inundation, routing of surges inland when barriers are overtopped, the effect of trees, the movement of the surge up rivers, and flow through channels, cuts and over submerged sills. Besides surge, other processes affect water height (section 4B), but are not incorporated in the model.

Not surprisingly, the accuracy of modeled surge values increases as the accuracy of the input terrain and storm data improves.

4. OUTPUT AND INTERPRETATION OF THE MODEL RESULTS

A. Output from the SLOSH Model

The output for the Palm Beach "SLOSH" model consists of maps of water heights. At each grid point, the water height is the maximum value that was computed at that point during the 72 (maximum) hours of model time. Thus, the map displays the highest water levels and does not display events at any particular instant in time. The analyzed envelopes of high water show shaded areas that represent dry land which has been inundated and contours of high water relative to mean sea level (MSL). Height of water above terrain was not calculated because terrain height varies within a grid square. For example, the altitude of a 1-mile grid square may be assigned a value of 6-ft MSL, but this value represents an average of land heights that may include values ranging from 3 ft to 9 ft MSL. Thus, a surge value of 8 ft in this square,

implying 2 ft average depth of water over the grid's terrain, would include some terrain without inundation and other parts with as much as 5 ft of overlying water. Therefore, the depth of surge flooding above terrain at a specific site in the grid square is deduced by subtracting the actual terrain height from the model-generated storm surge height in that square. Also supplied are printout lists of values of surge height, wind speed and wind direction for each of 110 sites. The values of wind speed and direction are ten-minute averages, every 30 minutes. These are useful for determining the time of onset of gale force winds and surge heights, for evacuation planning.

B. Interpretation of Results

Even if the model is supplied accurate data on storm positions, intensities and sizes, the computed surges may contain errors of +/- 20% of observed water levels. These primarily stem from:

1) Maps that are outdated: The maps which supplied heights of terrain and depths of water sometimes did not include changes, often man-made, that had altered the heights and positions of barriers (e.g., highway and railway embankments) and depths and locations of channels. Inaccuracies of topography or bathymetry will contribute directly to errors in the modeling of all storm surges.

2) Anomalous water heights: Sea level can be at an altitude different from "mean sea level," days or even weeks before a storm is actually affecting a basin. The value of the actual, local sea level -- the "local datums" for pre-storm anomaly in the Atlantic Ocean -- must be supplied to the model, before calculations are initiated.

3) Local processes, such as waves, astronomical tides, rainfall and flooding from overflowing rivers: These processes are usually included in "observations" of storm surge height, but are not surge and are not calculated by the SLOSH model.

grid, which would have radial increment (ΔR) that was invariant with radius, this grid uses a ΔR that increases with increasing distance from the grid's pole. The result is that in each grid of the mesh, the increment of arc length (ΔS) of the side of a grid "square" is approximately equal to the radial increment of the "square," or $\Delta S \simeq \Delta R$.

The telescoping grid is a compromise between conflicting needs. What is desired is that the model domain include a large geographical area, but also that small, detailed topography be included in the model. In a Cartesian coordinate system, this combination of big area, but spatially-small grid increment, requires that a computational mesh with many grid squares be used. A large mesh requires a computer with a large central processing unit as well as more time to perform calculations in the more numerous grid squares. The telescoping grid, by comparison, permits a resolution of these conflicting needs: over land, which is the area of greatest interest, it has an acceptably small spatial resolution. Thus, each grid square closest to the pole (at I = 1) represents an area of about 0.59 square miles. This permits inclusion in the model of topographic details such as highway and railroad embankments, causeways, levees, and dikes in harbors. But, with increasing distance from the pole, the range increment and arc lengths which border each grid "square" become progressively larger: at maximum distance from the pole (I = 71) each grid square contains about 2.62 square miles. As a result, a large geographic area is included in the model, so that the effects of the model's boundaries on the dynamics of the storm are diminished and the storm's physics are better emulated.

The telescoping grid has some disadvantages. Primarily, these stem from the distortion that occurs when the basin is remapped onto a display that has constant-sized increments in the vertical and horizontal, as happens when the basin is printed out by a conventional (computer)line printer. This distortion from remapping produces some difficulties in "reading" the results

by the uninitiated. For example, neither latitude nor longitude lines remain uncurved and "parallels" become non-parallel, although the projection is conformal. To surmount these disadvantages, the storm surge results have been reanalyzed onto a conventional map projection. They are presented in the Appendix.

The grid is tangent to the earth at the basin center, Palm Beach, Florida at 26°42'30"N and 80°02'W. There, the grid increment is 0.85 statute mile. The pole (or origin) of the grid is located at 26°41'30"N and 81°18'W.

3. SLOSH MODEL

A. Hurricane Model and Input

The hurricane model which drives the storm surge model was developed by Jelesnianski and Taylor (1973). It is a trajectory model of a stationary vortex and it balances the forces from pressure gradient, centrifugal, Coriolis and surface frictional effects. Adjustments are made to the computed vector wind to incorporate the hurricane's forward motion. The model's input includes the radius of maximum wind (RMW) and the difference (ΔP) in sea-level pressure between the ambient value and the minimum value in the storm's center. Directly measured wind vectors are not used. The model also requires input of the coordinates of the storm's center. Thus, input data include thirteen sets of latitude, longitude, ΔP and RMW, at six hour increments, beginning 48 hours before storm landfall and ending 24 hours after landfall. These 13 sets are then linearly interpolated into values/positions at hourly (or smaller) time increments. The model then generates the meteorological forces--surface stress and the gradient of atmospheric pressure-that drive the underlying ocean.

Factors such as the foregoing must be considered when comparisons are made between modeled and observed values of storm surge.

5. HURRICANE CLIMATOLOGY

A. Tracks

Between 1886 and 1990, 48 tropical cyclones of hurricane intensity passed within 125 statute miles of Palm Beach, Florida (Neumann et al., 1987), for an average of one hurricane within the 125-mile circle every 2.2 years (see Table 2).

Figures 2-9 show the tracks of these 48 storms with hurricane force winds. Tracks of storms heading west or west-southwest are in Figure 2; heading west-northwest are in Figure 3; heading northwest are in Figure 4; heading north-northwest are in Figure 5; heading north are in Figure 6; heading north-northeast are in Figure 7; heading northeast are in Figure 8; and heading east-northeast are in Figure 9. In Figures 2-9, the tracks are labelled at 6-hour intervals, with month/day/hour (GMT).

The tracks represent "best estimates" and are based on a variety of data sources. Historically, storm location, motion and strength were only inferred, from analyses of wind, pressure and cloud observations made at ships and land stations being influenced by the storm. In 1943, aircraft reconnaissance of hurricanes began. Not until 1959 were there land-based weather radars, as now at Miami, Daytona Beach, and Tampa, which could be used to observe and record structure, development and motion of precipitation fields, and help infer center location and radius of maximum winds. The 1960's saw the advent of photography of tropical storms from weather satellites. Observations by aircraft, radar and satellite have shown that the tracks of centers of hurricanes contain wobbles, gyrations and cycloidal motions (Lawrence and Mayfield, 1977) and that there often are rapid changes in size and intensity of rain bands, contractions of eyewall diameter and formation of concentric

Table 2. Hurricanes passing within 125 statute mile circle centered on Palm Beach, Florida (26.7°N, 80.05°W), during 1886-1990.

			>>> At Closest Point of Approach: (@CPA) <<<			
Index (1)	Date (@CPA) (2)	Storm Name (3)	Range/Bearing (miles/degrees) (to CPA) (4) / (5)	Wind (in circle) (mph) (6)	Storm Motion (@CPA) (dir / mph) (7) (8)	
1	1886 Aug 23	Unnamed	76 / 109	98	NNE	26
2	1887 Aug 20	Unnamed	90 / 046	121	NW	3
3	1888 Aug 16	Unnamed	76 / 196	109	WNW	14
4	1891 Aug 24	Unnamed	89 / 196	90	WNW	10
5	1893 Aug 27	Unnamed	70 / 062	121	NNW	15
6	1893 Oct 12	Unnamed	88 / 040	115	NW	10
7	1894 Sep 25	Unnamed	112 / 281	121	NNE	11
8	1895 Oct 22	Unnamed	104 / 122	109	NE	9
9	1896 Oct 9	Unnamed	55 / 328	96	NE	15
10	1898 Aug 2	Unnamed	25 / 037	81	WNW	20
11	1899 Aug 13	Unnamed	31 / 084	121	N	6
12	1899 Oct 30	Unnamed	106 / 105	94	NNE	14
13	1903 Sep 12	Unnamed	25 / 217	98	WNW	13
14	1904 Oct 17	Unnamed	48 / 179	75	W	7
15	1906 Jun 17	Unnamed	20 / 318	89	NNE	17
16	1906 Oct 18	Unnamed	32 / 142	124	NE	12
17	1908 Oct 1	Unnamed	107 / 103	86	NNE	13
18	1909 Oct 11	Unnamed	74 / 142	98	NE	17
19	1910 Oct 18	Unnamed	102 / 269	96	N	12
20	1916 Nov 16	Unnamed	83 / 156	75	ENE	30
21	1924 Oct 21	Unnamed	29 / 156	84	ENE	11
22	1926 Jul 27	Unnamed	23 / 055	121	NW	9
23	1926 Sep 18	Unnamed	74 / 213	138	WNW	14
24	1926 Oct 21	Unnamed	67 / 127	114	NE	24
25	1928 Aug 7	Unnamed	16 / 056	98	NW	6
26	1928 Sep 17	Unnamed	16 / 068	150	NW	9
27	1929 Sep 28	Unnamed	117 / 200	104	WNW	7
28	1933 Jul 30	Unnamed	44 / 020	86	WNW	4
29	1933 Sep 4	Unnamed	12 / 078	136	WNW	19
30	1933 Oct 5	Unnamed	112 / 152	140	ENE	21

Table 2. Hurricanes passing within 125 statute mile circle centered on Palm Beach, Florida (26.7°N, 80.05°W), during 1886-1990 (continued).

>>> At Closest Point of Approach: (@CPA) <<<						
Index (1)	Date (@CPA) (2)	Storm Name (3)	Range/Bearing (miles/degrees) (to CPA) (4) / (5)	Wind (in circle) (mph) (6)	Storm Motion (@CPA) (dir / mph) (7)	(8)
31	1935 Sep 29	Unnamed	81 / 134	115	NE	11
32	1935 Nov 4	Unnamed	50 / 159	75	WSW	18
33	1939 Aug 11	Unnamed	32 / 025	81	WNW	12
34	1941 Oct 6	Unnamed	89 / 200	121	WNW	19
35	1945 Sep 16	Unnamed	70 / 242	137	NNW	15
36	1947 Sep 17	Unnamed	21 / 163	161	WSW	10
37	1947 Oct 12	Unnamed	16 / 157	86	NE	12
38	1948 Sep 22	Unnamed	12 / 307	117	NE	8
39	1948 Oct 6	Unnamed	51 / 149	115	NE	19
40	1949 Aug 27	Unnamed	8 / 336	150	NW	14
41	1950 Oct 18	King	35 / 233	107	NNW	15
42	1951 May 18	Able	93 / 063	82	SSE	8
43	1960 Sep 10	Donna	107 / 258	138	NNW	13
44	1964 Aug 27	Cleo	18 / 249	104	NNW	11
45	1964 Oct 15	Isbell	12 / 356	127	NE	23
46	1965 Sep 8	Betsy	113 / 182	127	W	13
47	1966 Oct 4	Inez	98 / 163	86	WSW	8
48	1979 Sep 3	David	9 / 071	98	NNW	12

Notes:

(1) Storm number for this list.

(2) Year, month and date that storm had maximum winds exceeding 74 mph and was closest to Palm Beach, Florida.

(3) Storms were not formally named before 1950.

(4)-(5) Distance (statute miles) and direction (degrees) from Palm Beach to storm when it passed abeam.

(6) Maximum sustained wind speed near storm center while center was within 125 statute miles of Palm Beach. This is not necessarily the wind recorded at a given site.

(7)-(8) Storm heading and forward speed (mph) at hour of closest point of approach.

("double") eyewalls. These factors, poorly documented even today, indicate asymmetries in the storm's dynamical structure and can affect the storm's surge. But they usually are smoothed out of analyses, as in Figures 2-9.

B. Intensities

Hurricane intensity is usually defined by measurements at sea level of the maximum sustained wind speed and/or by minimum barometric pressure. Neither of these is easily obtained. Accurate estimates of these parameters at sea level were acquired only when a ship or land station was traversed by the storm's "eye." Minimum central pressure was gotten only when a barometer was in the precise path of the storm's center. Because the area covered by the strongest winds is much larger than that covered by the pressure minimum, strength of many older storms was deduced from measurements of wind speed. However, with the advent of aircraft reconnaissance, measurements made at flight level of meteorological parameters allow the calculation of barometric pressure at sea level. By comparison, winds at sea level are not so readily deduced from flight level data. For all the storm tracks in Figures 2-9, an estimate was made of the maximum wind speed at intervals of 6 hours. For some, only very indirect evidence exists of actual speeds. From the hourly values of the maximum wind speed inside the 125 mile circle, the largest value was selected. This maximum sustained wind speed for the hurricane is listed in Table 2 under the heading of "wind (in circle)." Storm heading and forward speed at hour of closest point of approach are listed in the last two columns.

The values listed in column 6 sometimes are poor estimates of the maximum wind speed; the following must be considered:

1) Actual wind speeds and directions exhibit gustiness.
2) The "average wind speed" has been calculated with a variety of time intervals over the years; thus, one can find historical wind records that

have used time periods such as 1 hour, or 10 or 5 minutes or 1 minute as the "standard" period of measurement. Given the same record from a recording anemometer, the use of each of these measurement periods would likely yield a different average wind speed, with shorter periods probably giving higher average speeds.

3) The platforms for measuring maximum surface wind speed have changed over the years; data from ship and land stations now are supplemented by remotely-sensed data from aircraft, satellites and radar. However, the remote platforms, especially the last two, observe the motions of clouds or precipitation echoes, and these motions are not wind speed, nor are they at sea level.

Because of these limitations in determination of maximum wind speed, the SLOSH model uses storm-center sea-level pressure as a measure of storm intensity in modeling the Palm Beach basin.

6. MAPS OF MAXIMUM ENVELOPE OF WATER ("MEOW") FROM SLOSH RUNS USING DATA FOR HYPOTHETICAL HURRICANES

A. Hypothetical Storm Tracks and Populations

The skill of the SLOSH model was evaluated by Jarvinen and Lawrence (1985), who compared modeled and observed surges at 523 sites during 10 hurricanes. They found that the mean absolute error in surge height calculated by SLOSH was 1.4 ft. Although the error range was from -7.1 ft to +8.8 ft, the standard deviation was only 2.0 ft and 79% of the errors lay within one standard deviation of the mean error, -0.3 ft. (On the average, modeled values were slightly less than those observed.)

Because of this skill in calculating storm surge, the SLOSH model was used to create maps of surge flooding in the Palm Beach basin for use in evacuation planning. The model was supplied with data from hypothetical storms and the

resulting surge calculations were composited to produce maps of the maximum envelope of water. This section describes why these calculations were made and how the compositing was done.

Storm surge height partly depends on distance between the location of a particular site and the storm's center. For a single storm, the model would produce a map of surge height for the modeled period of time (usually 72 hours), with values valid for only that particular storm track. If there were two storms, identical in every respect except that one followed a track parallel to, but separated from the other by 50 miles,[1] and if the model was run with first one and then the other set of storm parameters, and a comparison made of surge values, then very likely there would be geographical sites having surge values from one storm differing markedly from those modeled for the other storm. This dependency of surge height on storm track can be troublesome, when preparing plans for emergency evacuation. Maps are needed for basin-wide surge flooding potential--maps showing surge height for only one intensity (using the categories defined by Saffir and Simpson), one storm speed and direction. We created such maps for this basin by making surge calculations for each of an ensemble of 8 to 13 storms; in an ensemble, all storms had the same intensity and speed and had parallel headings, separated by 15 miles or less. Then at each grid square, the maximum surge value that was calculated from any storm in the ensemble was extracted and saved. After this procedure was performed for all grid squares, the result was a basin map

[1] A difference ("error") of 50 miles in storm track is not very large when compared to the vagaries of tracks of real hurricanes. The average error of 12-hour forecast landfall position, for U.S. Atlantic coast tropical cyclones, during 1970-1979, was about 59 statute miles, while for 24-hour forecasts, landfall position error was about 125 statute miles (Neumann and Pelissier, 1981). Thus, if a storm were forecast to make (eye) landfall at Palm Beach, Florida, in 24 hours, and if, in fact, it made landfall anywhere between Islamorada and Cape Canaveral, the error in forecast landfall position would be no worse than average.

depicting the "maximum envelope of water," or MEOW, for the specified storm category, direction and speed. For the Palm Beach basin, the hypothetical storms were specified to move in one of ten directions, at one constant speed, as summarized in Table 3. There were 13 tracks for the west-southwestward (WSW) moving storms (Figure 10), 13 tracks for the westbound (W) storms (Figure 11), 12 tracks for the west-northwestward (WNW) moving storms (Figure 12), 9 tracks for the northwestbound (NW) storms (Figure 13), 8 tracks for the north-northwestward (NNW) moving storms (Figure 14), 8 tracks for the northward (N) moving storms (Figure 15), 9 tracks for the north-northeastward (NNE) moving storms (Figure 16), 11 tracks for the northeastward storm headings (Figure 17), 13 tracks for the storms moving east-northeastward (ENE; Figure 18), and 13 tracks for the eastbound (E) storms (Figure 19). In total, 545 hypothetical storms were run with the SLOSH model to create the results to be presented below. The selection of intensities, directions and speeds was based on advice of hurricane specialists at NOAA's National Hurricane Center.

B. Intensities and Radii of Maximum Winds of Hypothetical Storms

Most hurricanes weaken after making landfall because the central pressure increases (the storm "fills") and the RMW tends to increase. But as seen in Figures 10-19, some tracks of hypothetical storms do not intersect the coast of mainland Florida. On some of these tracks the label "INV" is shown, which indicates that the ΔP and RMW used to model storms on this track were invariant for all 72 hours of model time. All other storms underwent pressure filling and RMW increases with time, as summarized in Table 4. These rates of change were based partly on the work of Schwerdt et al. (1979).

C. Initial Water Height

Based on observations from tide gages in the area of this basin, tidal anomalies of about +1 ft MSL before arrival of a hurricane are not uncommon.

Table 3. Palm Beach basin's hypothetical storms: Directions, speeds, (Saffir/Simpson) intensities, number of tracks and the number of runs.

Direction	Speed (mph)	Intensities	Tracks	Runs
WSW	12	1 through 5	13	65
W	12	1 through 5	13	65
WNW	12	1 through 5	12	60
NW	12	1 through 5	9	45
NNW	15	1 through 5	8	40
N	15	1 through 5	8	40
NNE	15	1 through 5	9	45
NE	15	1 through 5	11	55
ENE	15	1 through 5	13	65
E	12	1 through 5	13	65

Total = 545

Table 4. Time change of pressure difference and radius of maximum wind for hypothetical hurricanes not labelled "invariant" in Palm Beach basin.

A) Values of pressure difference (ΔP, millibars) and radius of maximum wind (RMW, statute miles), beginning at time of landfall (LF) of center of storm and 6, 12, 18 and 24 hours after LF.

Category	Landfall		LF + 6		LF + 12		LF + 18		LF + 24	
	ΔP	RMW	ΔP	RMW	ΔP	RMW	ΔP	RMW	ΔP	RMW
1	20	20	12	25	10	30	10	35	10	40
2	40	20	30	25	20	30	10	35	10	40
3	60	20	48	25	39	25	29	30	18	35
4	80	20	60	20	48	25	38	30	29	35
5	100	20	63	20	50	25	40	30	30	35

B) Values of pressure difference (ΔP, millibars) at landfall (LF) and at each of the first six hours after LF.

Category	Landfall ΔP	LF+1 ΔP	LF+2 ΔP	LF+3 ΔP	LF+4 ΔP	LF+5 ΔP	LF+6 ΔP
1	20	18	16	15	14	13	12
2	40	38	37	35	34	32	30
3	60	58	56	54	52	50	48
4	80	73	68	65	63	61	60
5	100	80	74	70	67	65	63

Furthermore, to simulate conditions at time of high tide, an additional 1.5 ft of water was included for oceanic values. Inland lakes and bays, found to have a smaller tidal response, had only 1.0 ft of water added. Thus, initial ocean datums of 2.5 ft were used, while for inland lakes and bays, initial datums of 2.0 ft were used. Therefore, the resulting calculations of storm surge, using these initial datums, represent conditions at time of high tide.

D. The "MEOW" Figures

There are 50 MEOWS, which are presented in the Appendix. They are displayed using a conventional map projection. The east-central coast of Florida (Figure 20) is subdivided into three overlapping regions (Figure 21), to optimize the legibility of the MEOW results. The MEOW figures are grouped by direction: west-southwestbound storms' MEOWS are in Figures A1-A5, westbound storms' MEOWS are in Figures A6-A10, west-northwestbound storms' MEOWS are in Figures A11-A15, northwestbound storms' MEOWS are in Figures A16-A20, north-northwestbound storms' MEOWS are in Figures A21-A25, MEOWS for northbound storms are in Figures A26-A30, Figures A31-A35 depict MEOWS for north-northeastbound storms, northeast-moving storms' MEOWS are in Figures A36-A40, MEOWS for east-northeast moving storms are in Figures A41-A45, and Figures A46-A50 display MEOWS for eastbound storms. In the figures, the contours represent the height of water above mean sea level, in 1-ft increments, while the shaded areas indicate land areas that were modeled to have been inundated.

7. REFERENCES

Anthes, R. A. (1982): Tropical cyclones -- their evolution, structure and effects. Amer. Meteor. Soc., Meteor. Monogr., 19, 208 pp.

Crawford, K. C. (1979): Hurricane surge potentials over southeast Louisiana as revealed by a storm-surge forecast model: a preliminary study. Bull. Amer. Meteor. Soc., 60, 422-429.

Jarvinen, B. R., and M. B. Lawrence (1985): An evaluation of the SLOSH storm-surge model. Bull. Amer. Meteor. Soc., 66, 1408-1411.

Jelesnianski, C. P. (1967): Numerical computations of storm surges with bottom stress. Mon. Wea. Rev., 95, 740-756.

_____, (1972): "SPLASH" (Special Program to List Amplitudes of Surges from Hurricanes): I. Landfall storms. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Tech. Memo. NWS TDL-46, Washington, D.C., 52 pp.

_____, and A. D. Taylor (1973): A preliminary view of storm surges before and after storm modifications. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Tech. Memo ERL WMPO-3, Washington, D.C., 33 pp.

_____, J. Chen, W. A. Shaffer, and A. J. Gilad (1984): SLOSH - A hurricane storm surge forecast model. Preprints, Oceans '84, Washington, D.C., Marine Technology Society and IEEE/Oceanic Engineering Society, 314-317.

Lawrence, M. B., and B. M. Mayfield (1977): Satellite observations of trochoidal motion during Hurricane Belle, 1976. Mon. Wea. Rev., 105, 1458-1461.

Neumann, C. J., and J. M. Pelissier (1981): An analysis of Atlantic tropical cyclone forecast errors, 1970-1979. Mon. Wea. Rev., 109, 1248-1266.

_____, B. R. Jarvinen, A. C. Pike, and J. D. Elms (1987): Tropical cyclones of the North Atlantic Ocean, 1871-1986. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Climatic Center, Asheville, North Carolina, 186 pp.

Schwerdt, R. W., F. P. Ho, and R. R. Watkins (1979): Meteorological criteria for standard project hurricane and probable maximum hurricane wind fields, Gulf and east coasts of the United States. NOAA Tech. Rept. NWS 23, U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Weather Service, Washington, D.C., 317 pp.

Simpson, R. H., and H. Riehl (1981): The Hurricane and Its Impact. Louisiana State University Press, Baton Rouge, LA, 398 pp.

8. APPENDIX: MAXIMUM ENVELOPES OF WATER (MEOW)

Figure	MEOW
A- 1	West-southwestbound, 12 mph, category 1 hurricane.
A- 2	West-southwestbound, 12 mph, category 2 hurricane.
A- 3	West-southwestbound, 12 mph, category 3 hurricane.
A- 4	West-southwestbound, 12 mph, category 4 hurricane.
A- 5	West-southwestbound, 12 mph, category 5 hurricane
A- 6	Westbound, 12 mph, category 1 hurricane.
A- 7	Westbound, 12 mph, category 2 hurricane.
A- 8	Westbound, 12 mph, category 3 hurricane.
A- 9	Westbound, 12 mph, category 4 hurricane.
A-10	Westbound, 12 mph, category 5 hurricane.
A-11	West-northwestbound, 12 mph, category 1 hurricane.
A-12	West-northwestbound, 12 mph, category 2 hurricane.
A-13	West-northwestbound, 12 mph, category 3 hurricane.
A-14	West-northwestbound, 12 mph, category 4 hurricane.
A-15	West-northwestbound, 12 mph, category 5 hurricane.
A-16	Northwestbound, 12 mph, category 1 hurricane.
A-17	Northwestbound, 12 mph, category 2 hurricane.
A-18	Northwestbound, 12 mph, category 3 hurricane.
A-19	Northwestbound, 12 mph, category 4 hurricane.
A-20	Northwestbound, 12 mph, category 5 hurricane.
A-21	North-northwestbound, 12 mph, category 1 hurricane.
A-22	North-northwestbound, 12 mph, category 2 hurricane.
A-23	North-northwestbound, 12 mph, category 3 hurricane.
A-24	North-northwestbound, 12 mph, category 4 hurricane.
A-25	North-northwestbound, 12 mph, category 5 hurricane.

A-26 Northbound, 12 mph, category 1 hurricane.

A-27 Northbound, 12 mph, category 2 hurricane.

A-28 Northbound, 12 mph, category 3 hurricane.

A-29 Northbound, 12 mph, category 4 hurricane.

A-30 Northbound, 12 mph, category 5 hurricane.

A-31 North-northeastbound, 15 mph, category 1 hurricane.

A-32 North-northeastbound, 15 mph, category 2 hurricane.

A-33 North-northeastbound, 15 mph, category 3 hurricane

A-34 North-northeastbound, 15 mph, category 4 hurricane.

A-35 North-northeastbound, 15 mph, category 5 hurricane.

A-36 Northeastbound, 15 mph, category 1 hurricane.

A-37 Northeastbound, 15 mph, category 2 hurricane.

A-38 Northeastbound, 15 mph, category 3 hurricane.

A-39 Northeastbound, 15 mph, category 4 hurricane.

A-40 Northeastbound, 15 mph, category 5 hurricane.

A-41 East-northeastbound, 15 mph, category 1 hurricane.

A-42 East-northeastbound, 15 mph, category 2 hurricane.

A-43 East-northeastbound, 15 mph, category 3 hurricane.

A-44 East-northeastbound, 15 mph, category 4 hurricane.

A-45 East-northeastbound, 15 mph, category 5 hurricane.

A-46 Eastbound, 12 mph, category 1 hurricane.

A-47 Eastbound, 12 mph, category 2 hurricane.

A-48 Eastbound, 12 mph, category 3 hurricane.

A-49 Eastbound, 12 mph, category 4 hurricane.

A-50 Eastbound, 12 mph, category 5 hurricane.

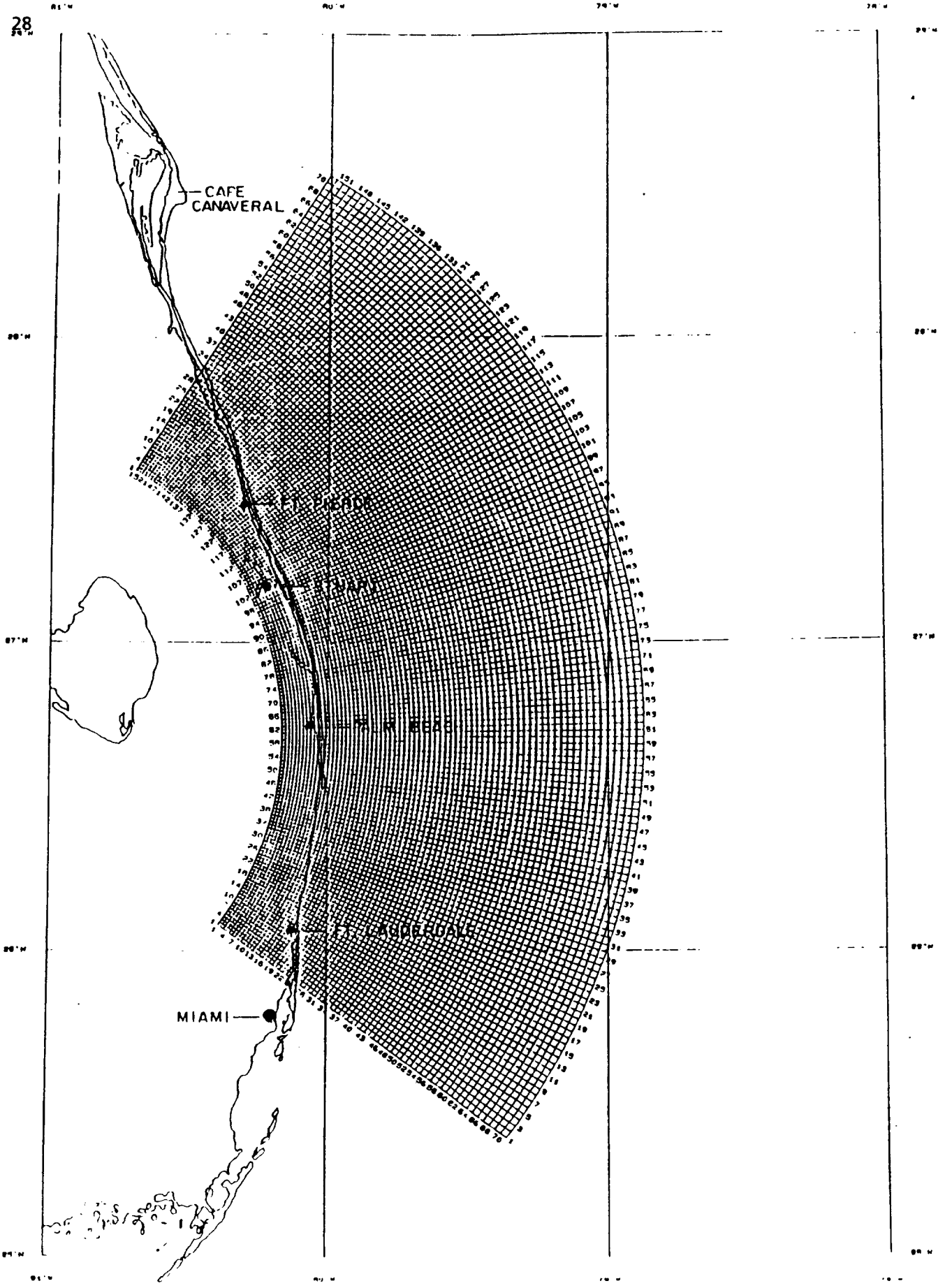


FIG. 1.

9. FIGURE CAPTIONS

Figure 1. Grid mesh for SLOSH model for Palm Beach basin.

Figure 2. Tracks of hurricanes (1886-1990) passing within 125 miles of Palm Beach, Florida: westbound or west-southwestward moving storms only.

Figure 3. Same as Figure 2, but west-northwestbound storms only.

Figure 4. Same as Figure 2, but only storms heading northwestward.

Figure 5. Same as Figure 2, but only storms heading north-northwestward.

Figure 6. Same as Figure 2, but only northbound storms (plus "Abel," 1951).

Figure 7. Same as Figure 2, but only storms heading north-northeastward.

Figure 8. Same as Figure 2, but only northeastward moving storms.

Figure 9. Same as Figure 2, but only storms heading east-northeastward.

Figure 10. Tracks of the hypothetical hurricanes that were used for calculating the maximum envelope of water (MEOW). Hurricane symbol is at point of "landfall" of eye of storm, and dots are eye positions at 6 hour increments. Tracks are identified by the distance in miles to the left side (LS) or right side (RS) of the track through Palm Beach, Florida. Storms heading west-southwestward (WSW) only.

Figure 11. Same as Figure 10, but for westbound (W) storms only.

Figure 12. Same as Figure 10, but only for west-northwestward (WNW) moving storms.

Figure 13. Same as Figure 10, but only for northwestbound (NW) storms.

Figure 14. Same as Figure 10, but for north-northwestward (NNW) moving storms only.

Figure 15. Same as Figure 10, but only for northbound (N) storms.

Figure 16. Same as Figure 10, but for north-northeastward (NNE) moving storms only.

Figure 17. Same as Figure 10, except for northeastbound (NE) storms only.

Figure 18. Same as Figure 10, except for east-northeastward (ENE) moving storms.

Figure 19. Same as Figure 10, but only for eastbound (E) storms.

Figure 20. Coastline of Florida that is included in MEOW displays, showing the overlapping regions.

Figure 21. Orientation of the regions seen in Figure 20 used in MEOW maps in Appendix.

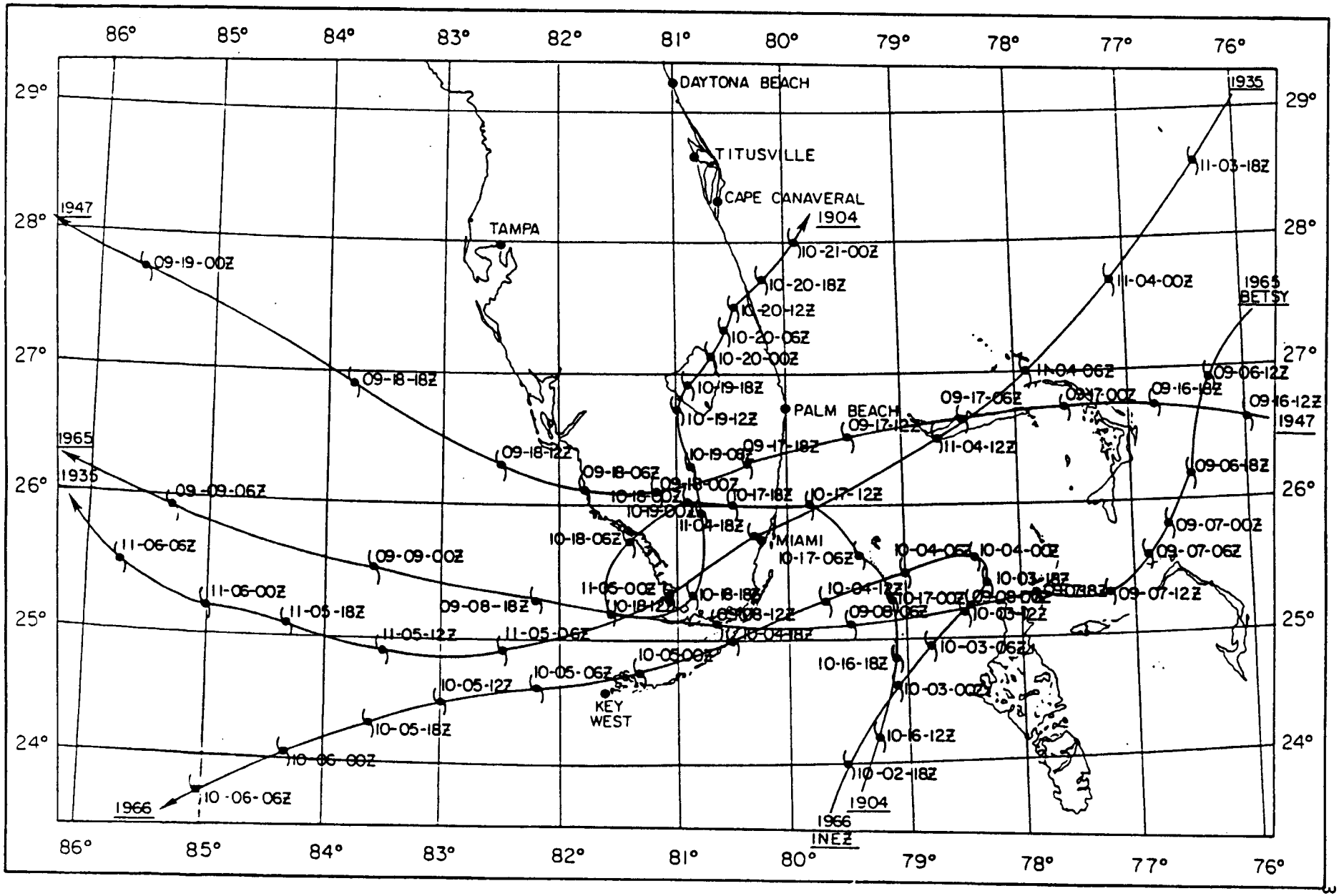

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
1904
1935
1947
1965
1966
BETSY
INEZ
09-19-00Z
09-18-18Z
09-18-12Z
09-18-06Z
09-18-00Z
10-19-00Z
10-18-00Z
10-18-06Z
10-19-18Z
10-19-12Z
10-19-06Z
10-20-18Z
10-20-12Z
10-20-06Z
10-20-00Z
10-21-00Z
09-17-18Z
09-17-12Z
09-17-06Z
09-17-00Z
09-16-18Z
09-16-12Z
09-09-06Z
09-09-00Z
09-08-18Z
09-08-12Z
09-08-06Z
11-06-06Z
11-06-00Z
11-05-18Z
11-05-12Z
11-05-06Z
11-05-00Z
10-18-18Z
10-18-12Z
10-17-18Z
10-17-12Z
10-17-06Z
10-17-00Z
10-16-18Z
10-16-12Z
10-05-12Z
10-05-06Z
10-05-00Z
10-05-18Z
10-06-00Z
10-06-06Z
10-04-18Z
10-04-12Z
10-04-06Z
10-04-00Z
10-03-18Z
10-03-12Z
10-03-06Z
10-03-00Z
10-02-18Z
11-04-18Z
11-04-12Z
11-04-06Z
11-04-00Z
11-03-18Z
09-07-12Z
09-07-06Z
09-07-00Z
09-06-18Z
09-06-12Z

FIG. 2.

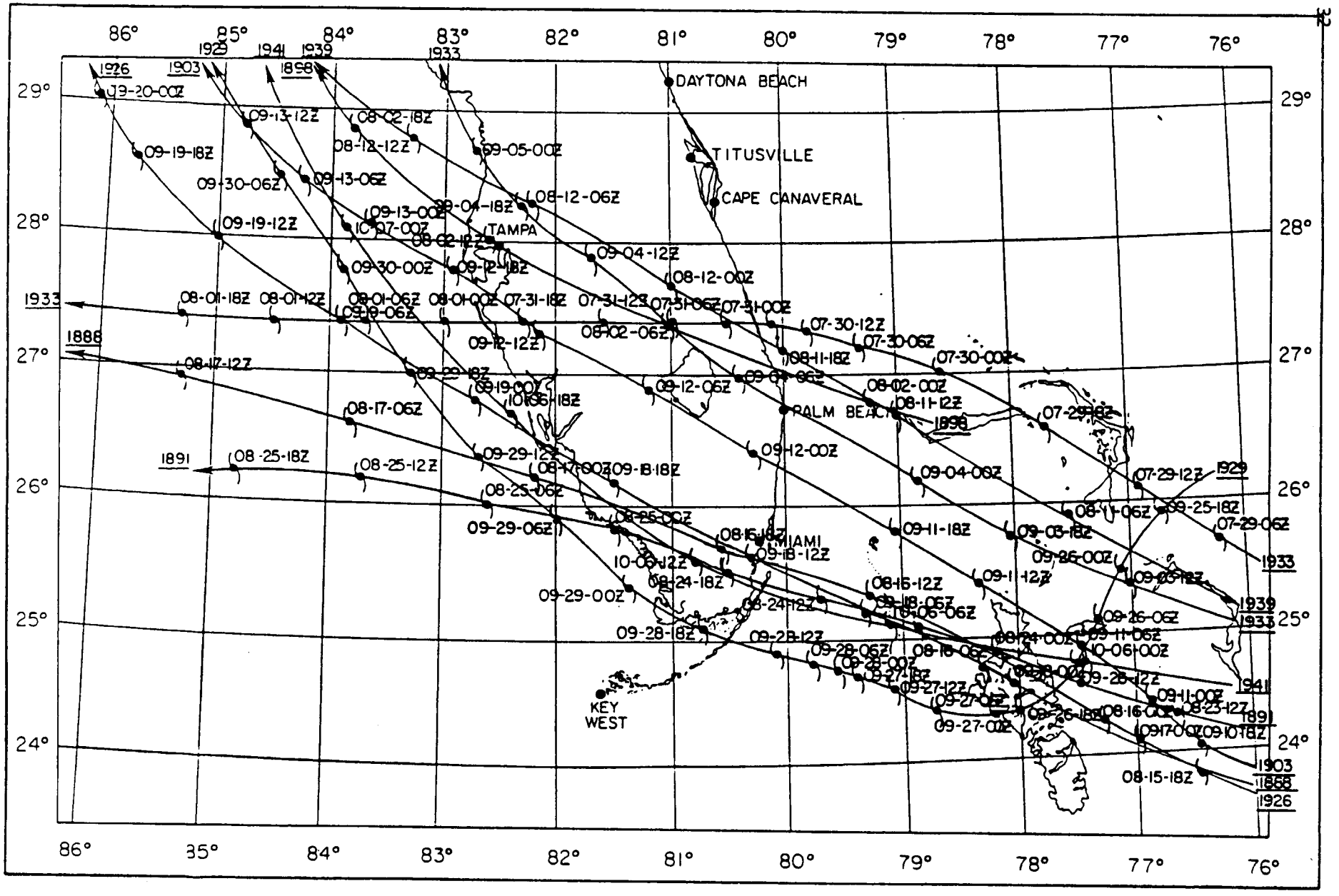

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
1926
1903
1929
1941
1939
1933
1898
1888
1891
1936
1868

FIG. 3.

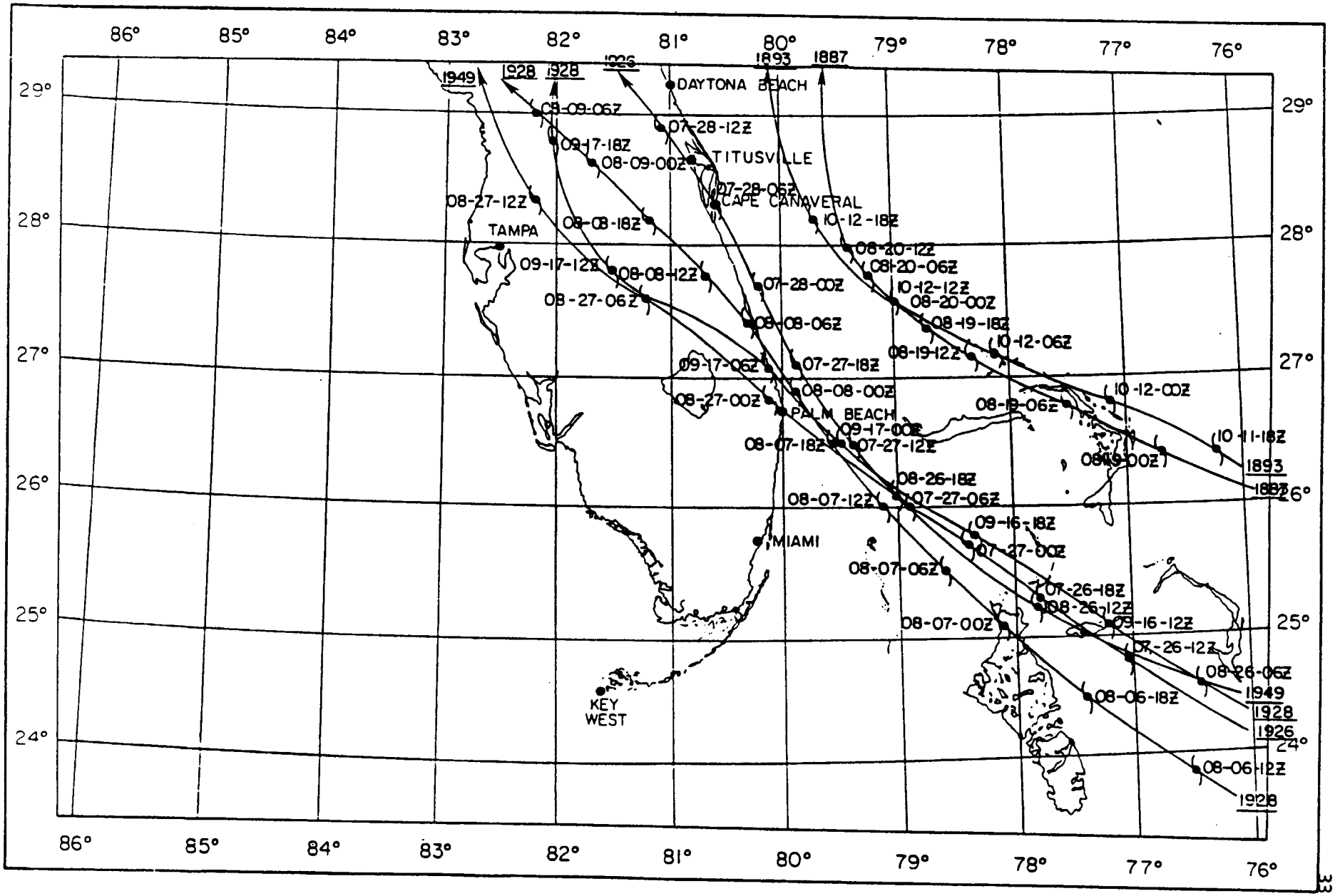

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
1949
1928
1928
1926
1893
1887
DAYTONA BEACH
09-09-06Z
07-28-12Z
09-17-18Z
08-09-00Z
TITUSVILLE
07-28-06Z
CAPE CANAVERAL
10-12-18Z
08-27-12Z
TAMPA
08-08-18Z
08-20-12Z
08-20-06Z
09-17-12Z
08-08-12Z
07-28-00Z
10-12-12Z
08-27-06Z
08-20-00Z
08-08-06Z
08-19-18Z
10-12-06Z
08-19-12Z
09-17-06Z
07-27-18Z
08-08-00Z
10-12-00Z
08-27-00Z
PALM BEACH
08-19-06Z
09-17-00Z
08-07-18Z
07-27-12Z
10-11-18Z
08-19-00Z
1893
1887
08-26-18Z
08-07-12Z
07-27-06Z
09-16-18Z
MIAMI
07-27-00Z
08-07-06Z
07-26-18Z
08-26-12Z
08-07-00Z
09-16-12Z
07-26-12Z
08-26-06Z
1949
08-06-18Z
1928
1926
08-06-12Z
1928
KEY
WEST

FIG 4

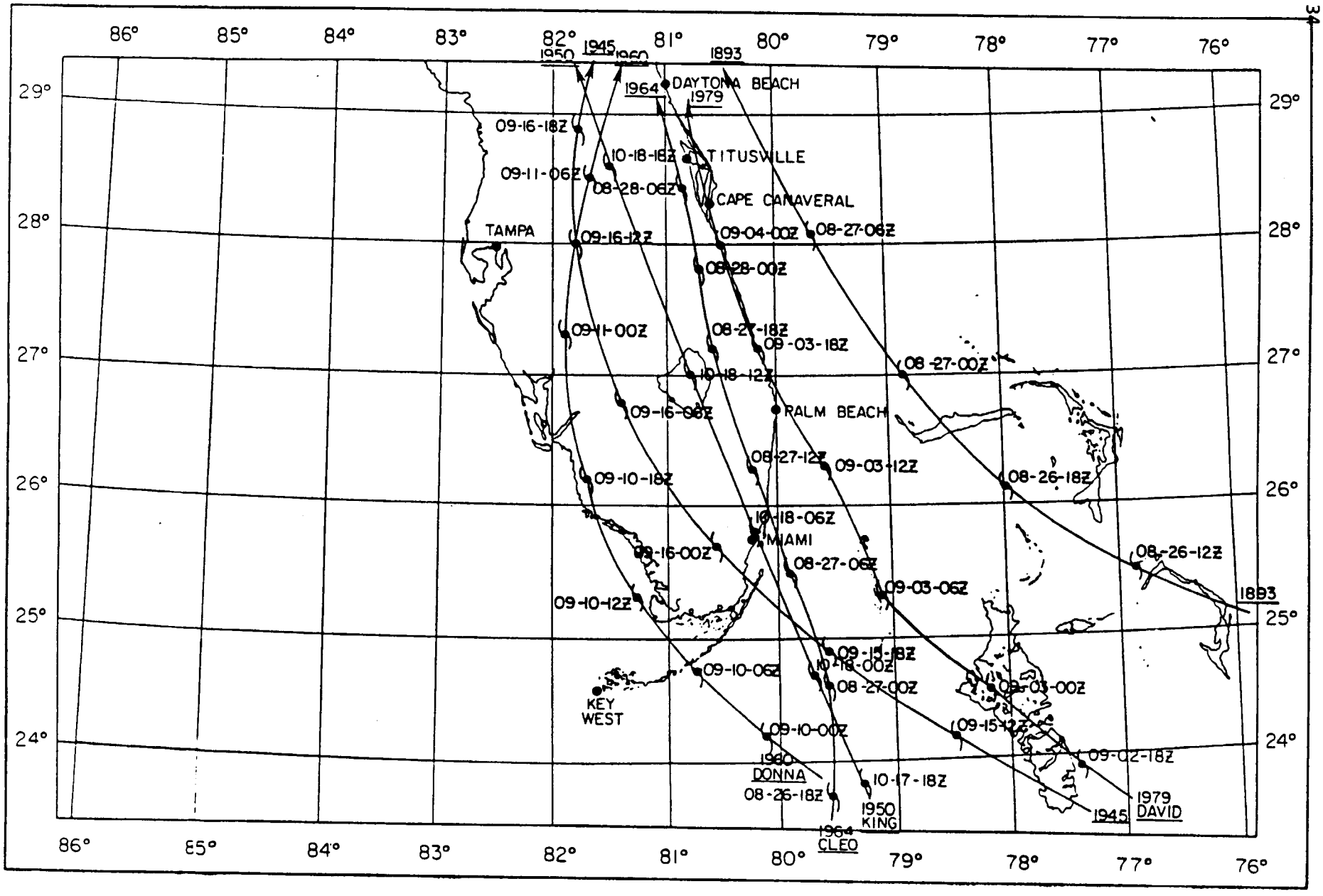

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
1950
1945
1960
1893
1964
1979
DAYTONA BEACH
09-16-18Z
10-18-18Z
TITUSVILLE
09-11-06Z
08-28-06Z
CAPE CANAVERAL
TAMPA
09-16-12Z
09-04-00Z
08-27-06Z
08-28-00Z
09-11-00Z
08-27-18Z
09-03-18Z
08-27-00Z
10-18-12Z
09-16-06Z
PALM BEACH
08-27-12Z
09-03-12Z
09-10-18Z
08-26-18Z
10-18-06Z
MIAMI
09-16-00Z
08-27-06Z
08-26-12Z
09-03-06Z
09-10-12Z
1893
09-15-18Z
10-18-00Z
09-10-06Z
08-27-00Z
09-03-00Z
KEY WEST
09-15-12Z
09-10-00Z
09-02-18Z
1960
DONNA
08-26-18Z
10-17-18Z
1979
DAVID
1945
1950
KING
1964
CLEO

FIG. 5.

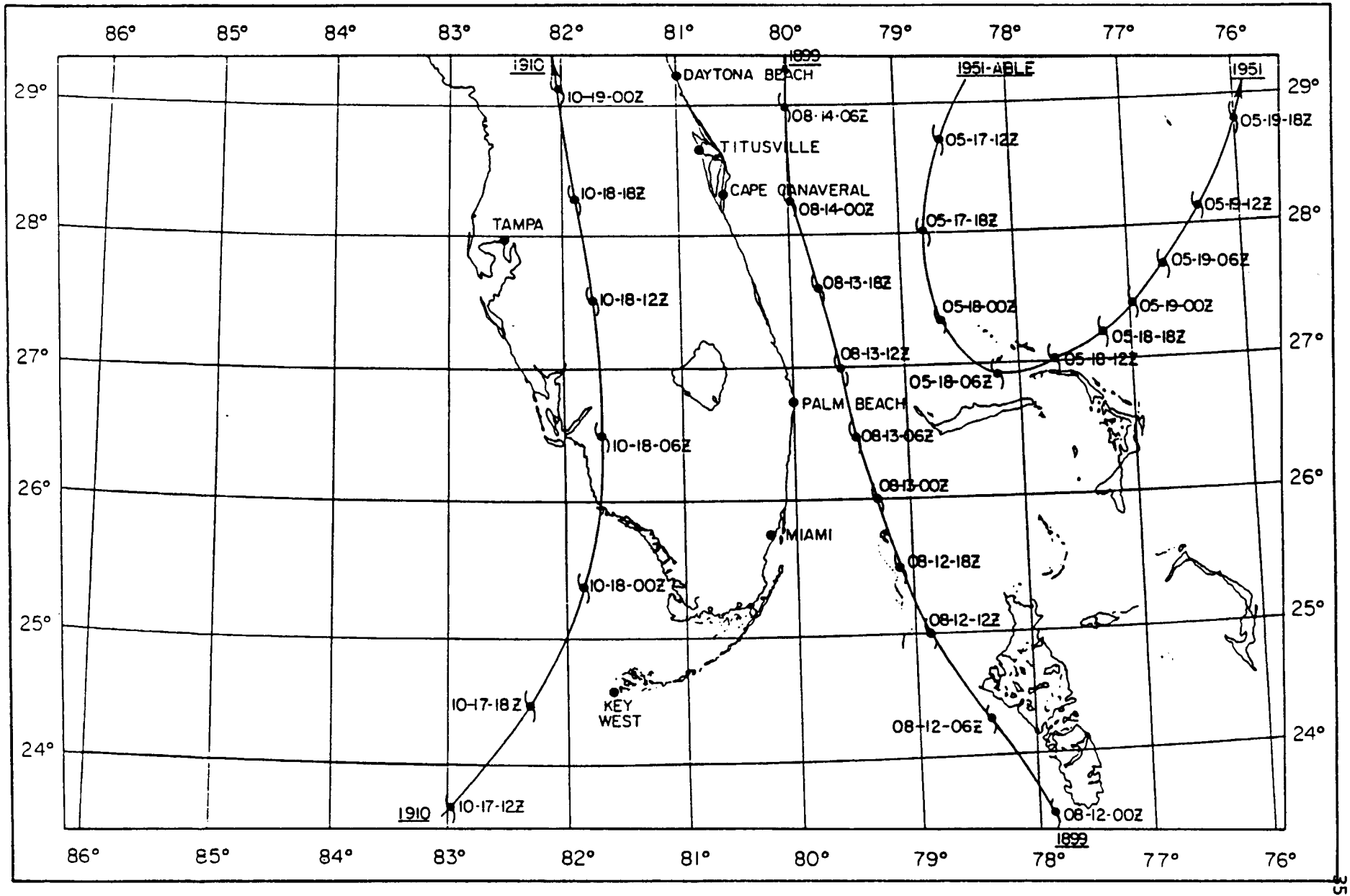

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
1910
10-19-00Z
10-18-18Z
10-18-12Z
10-18-06Z
10-18-00Z
10-17-18Z
10-17-12Z
1910
1899
DAYTONA BEACH
08-14-06Z
TITUSVILLE
CAPE CANAVERAL
08-14-00Z
08-13-18Z
08-13-12Z
PALM BEACH
08-13-06Z
08-13-00Z
MIAMI
08-12-18Z
08-12-12Z
08-12-06Z
08-12-00Z
KEY WEST
TAMPA
1899
1951-ABLE
05-17-12Z
05-17-18Z
05-18-00Z
05-18-06Z
05-18-12Z
05-18-18Z
05-19-00Z
05-19-06Z
05-19-12Z
1951
05-19-18Z

FIG. 6.

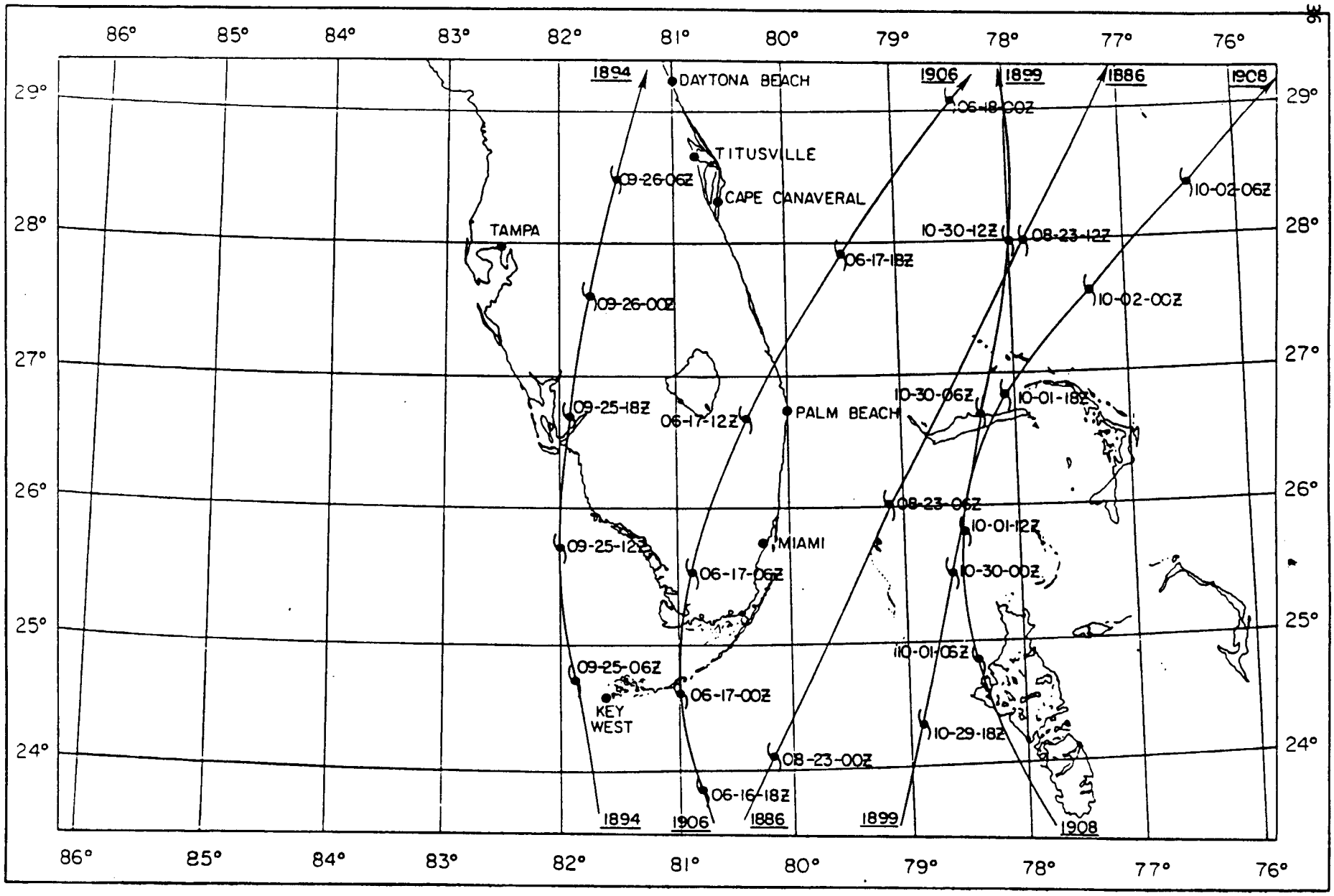

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
1894
DAYTONA BEACH
1906
1899
1886
1908
06-18-00Z
TITUSVILLE
09-26-06Z
CAPE CANAVERAL
10-02-06Z
TAMPA
10-30-12Z
08-23-12Z
06-17-18Z
09-26-00Z
10-02-00Z
10-30-06Z
10-01-18Z
09-25-18Z
06-17-12Z
PALM BEACH
08-23-06Z
10-01-12Z
09-25-12Z
MIAMI
06-17-06Z
10-30-00Z
10-01-06Z
09-25-06Z
06-17-00Z
KEY
WEST
10-29-18Z
08-23-00Z
06-16-18Z
1894
1906
1886
1899
1908

FIG. 7.

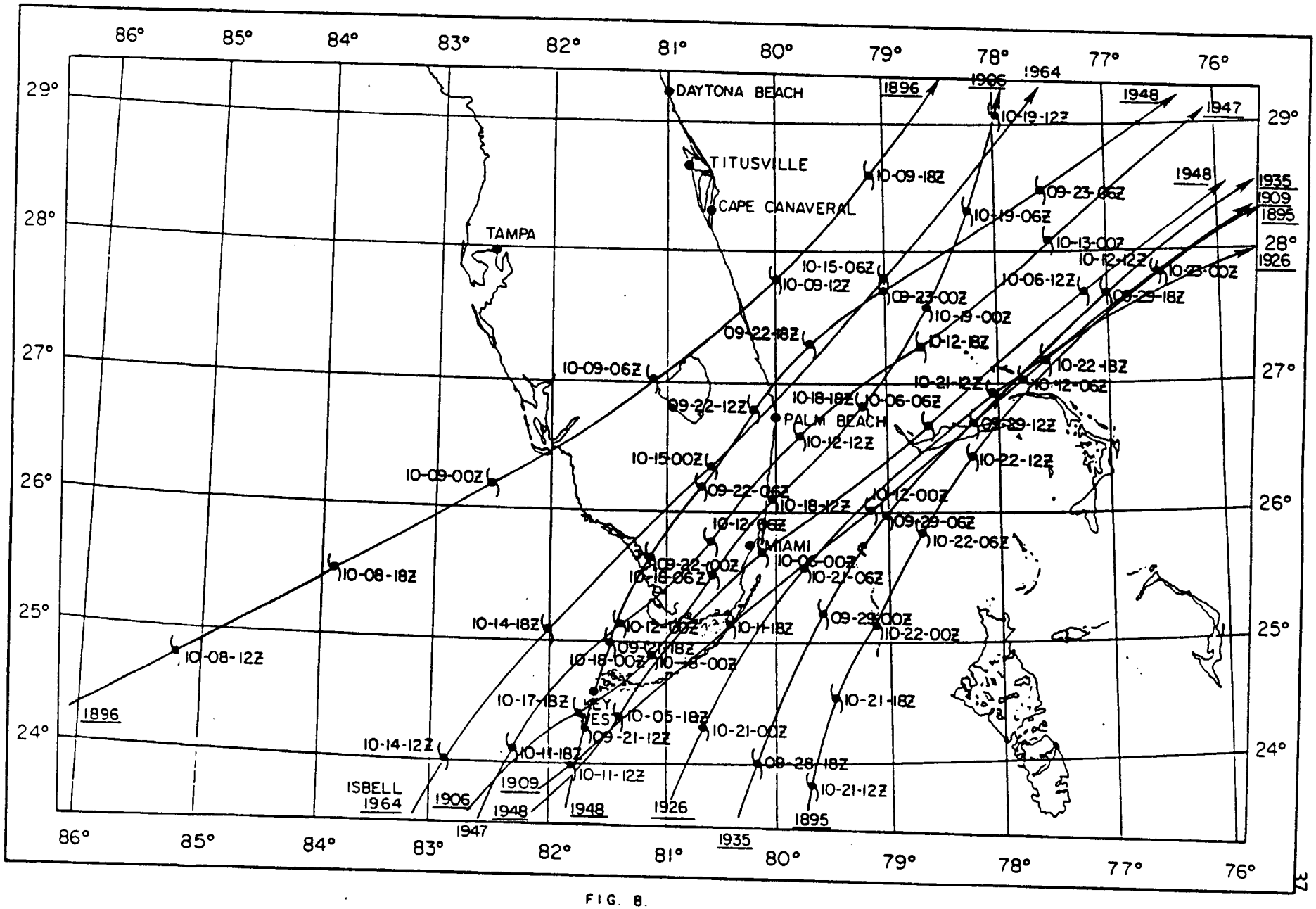

DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
ISBELL
1964
1896
1906
1909
1948
1947
1926
1935
1895
10-19-12Z
10-09-18Z
09-23-06Z
10-19-06Z
10-13-00Z
10-12-12Z
10-23-00Z
10-15-06Z
10-09-12Z
09-23-00Z
10-06-12Z
09-29-18Z
10-19-00Z
09-22-18Z
10-12-18Z
10-22-18Z
10-09-06Z
10-21-12Z
10-12-06Z
09-22-12Z
10-18-18Z
10-06-06Z
09-29-12Z
10-12-12Z
10-15-00Z
10-22-12Z
10-09-00Z
09-22-06Z
10-18-12Z
10-12-00Z
10-12-06Z
09-29-06Z
10-22-06Z
10-08-18Z
09-22-00Z
10-18-06Z
10-06-00Z
10-21-06Z
10-14-18Z
10-12-00Z
10-11-18Z
09-29-00Z
10-22-00Z
09-21-18Z
10-08-12Z
10-18-00Z
10-18-00Z
10-17-18Z
10-21-18Z
10-05-18Z
10-21-00Z
09-21-12Z
10-14-12Z
10-11-18Z
09-28-18Z
10-11-12Z
10-21-12Z
86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°

FIG. 8.

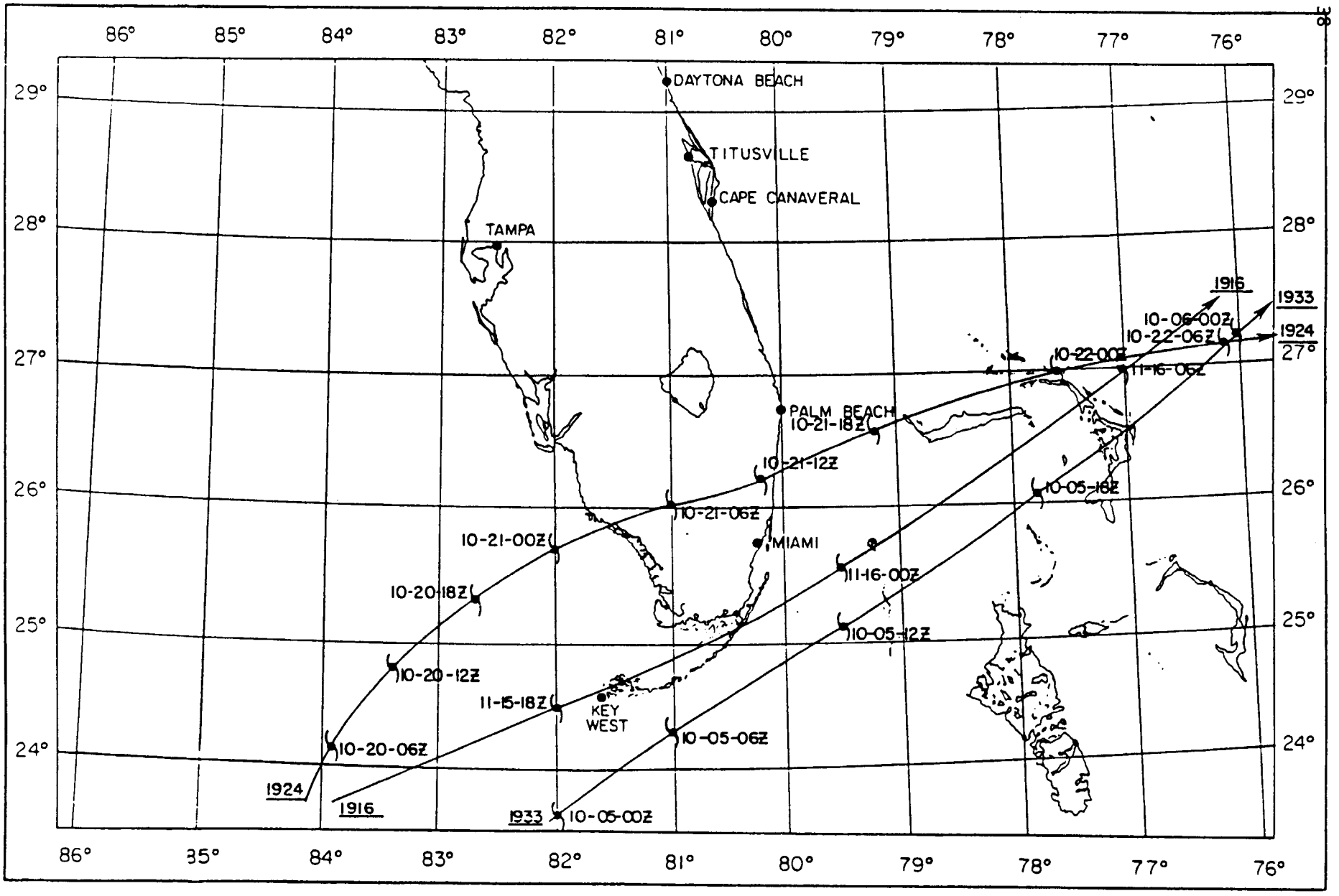

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
1916
1933
1924
10-06-00Z
10-22-06Z
10-22-00Z
11-16-06Z
10-21-18Z
10-21-12Z
10-21-06Z
10-21-00Z
10-20-18Z
10-20-12Z
10-20-06Z
11-15-18Z
10-05-18Z
11-16-00Z
10-05-12Z
10-05-06Z
10-05-00Z

FIG. 9.

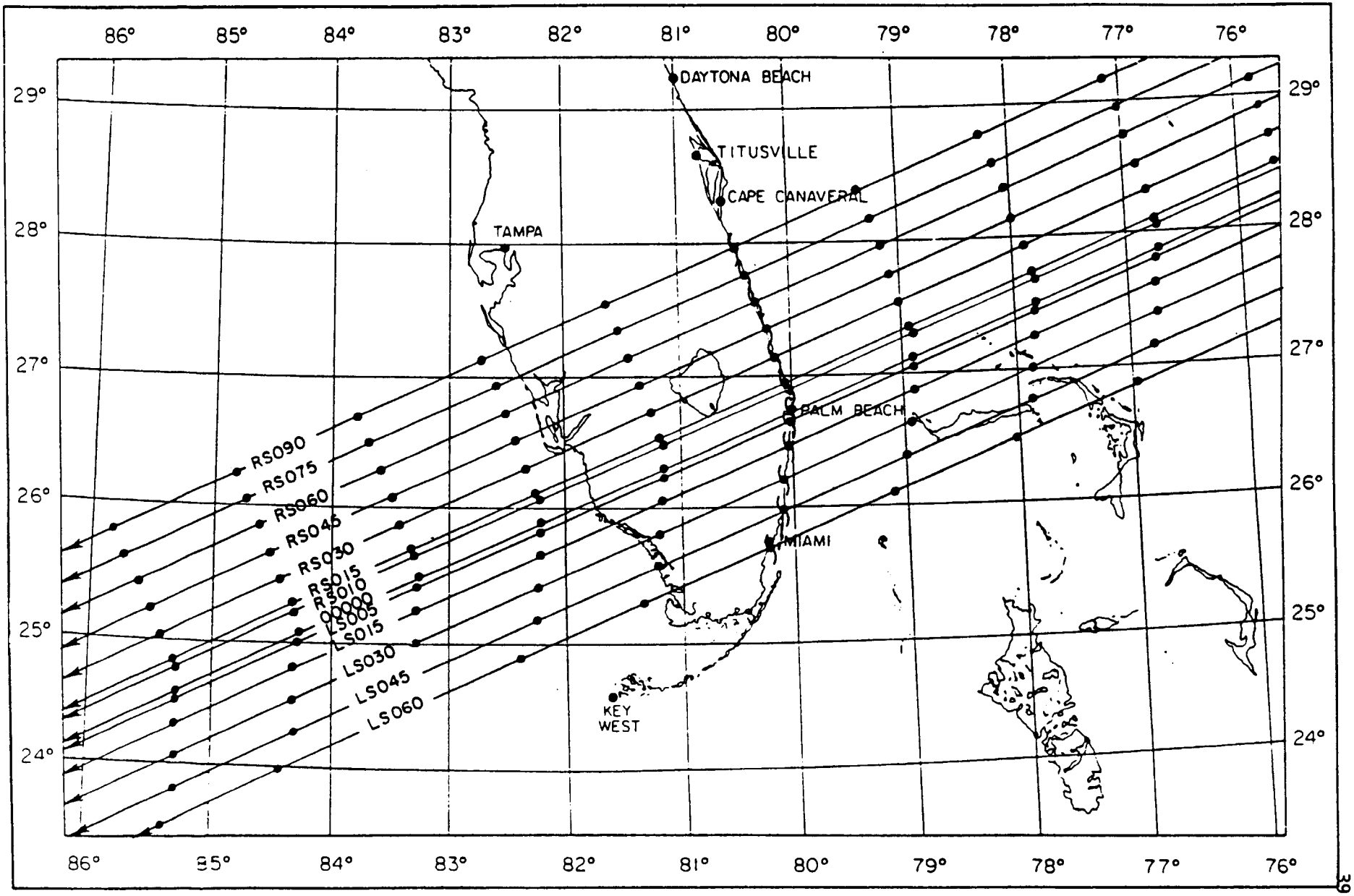

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
RS090
RS075
RS060
RS045
RS030
RS015
RS010
00000
LS005
LS015
LS030
LS045
LS060

FIG. 10.

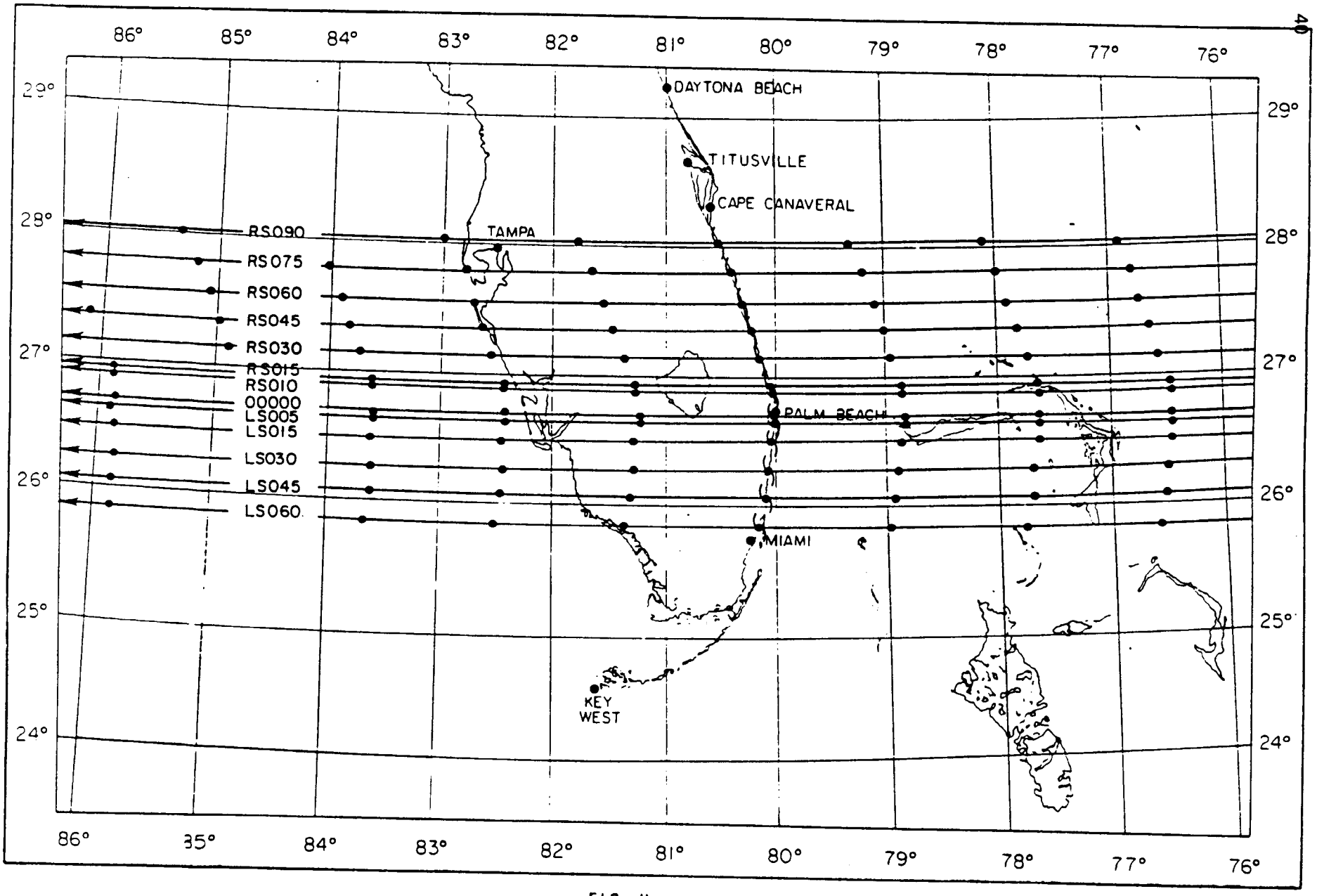

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
RS090
RS075
RS060
RS045
RS030
RS015
RS010
00000
LS005
LS015
LS030
LS045
LS060

FIG. 11.

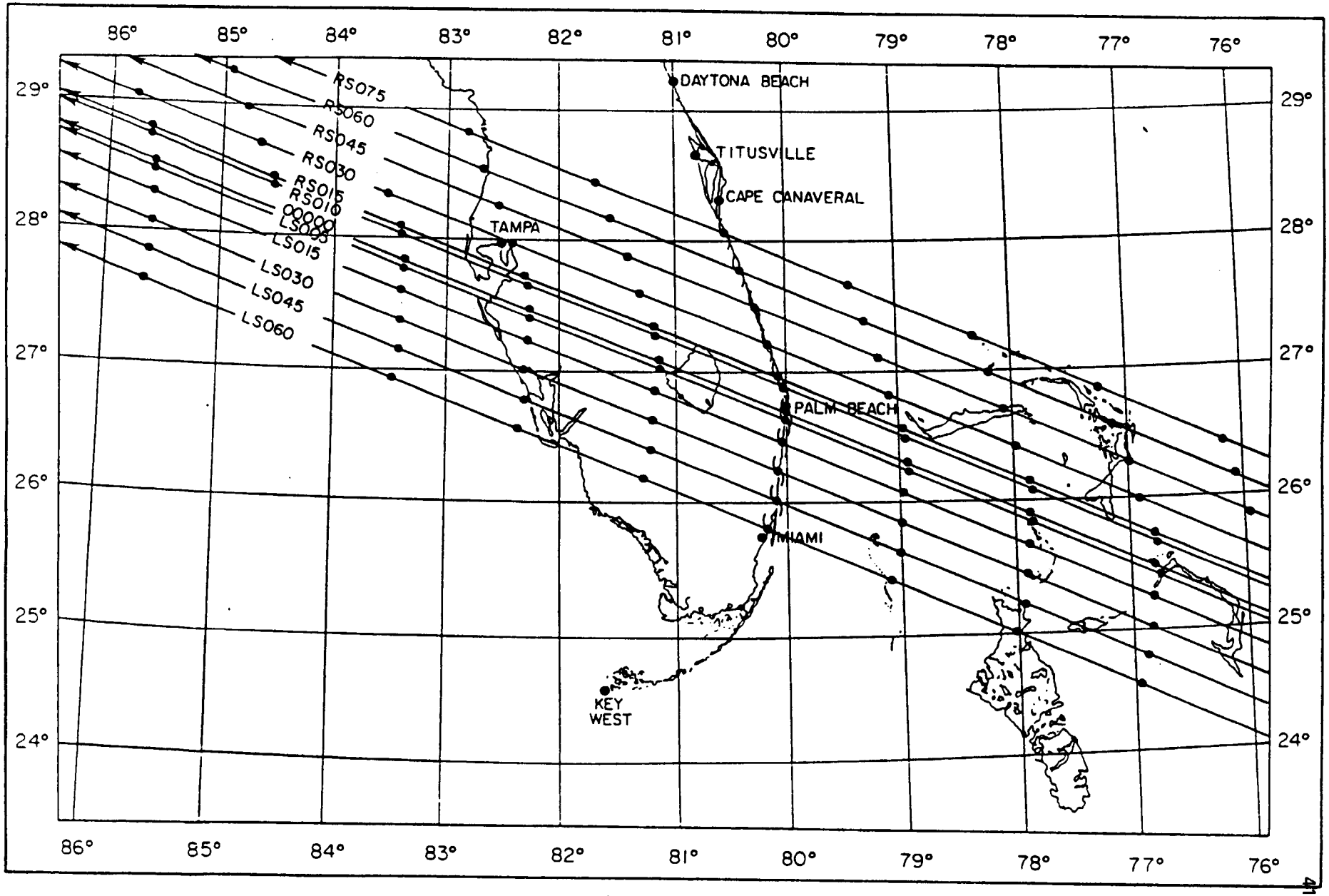

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
RS075
RS060
RS045
RS030
RS015
RS010
000000
LS005
LS015
LS030
LS045
LS060
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY
WEST

FIG. 12.

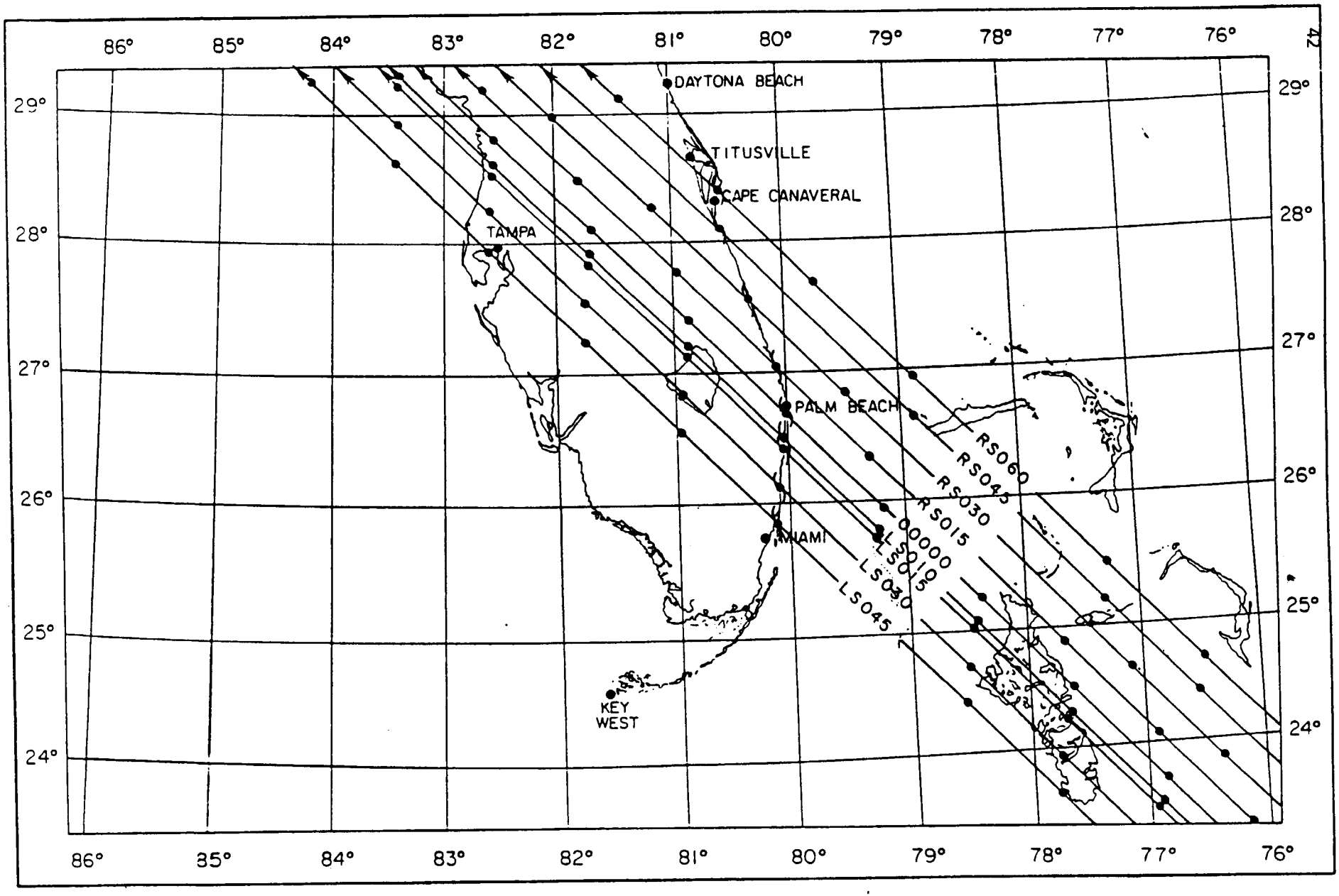

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
RS060
RS045
RS030
RS015
00000
LS015
LS030
LS045

FIG. 13.

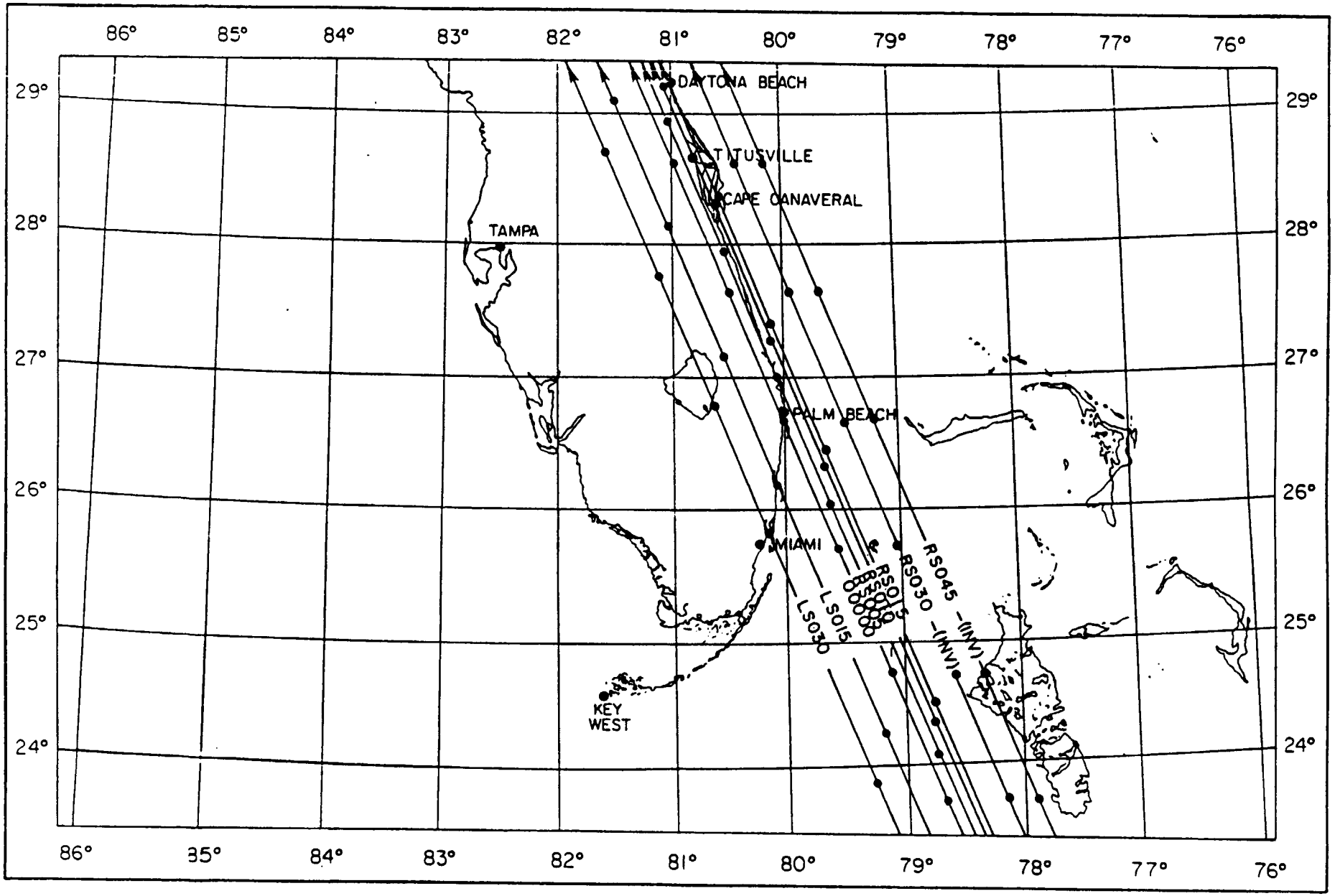

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
RS045 -I(NV)
RS030 -I(NV)
LS015
LS030

FIG. 14.

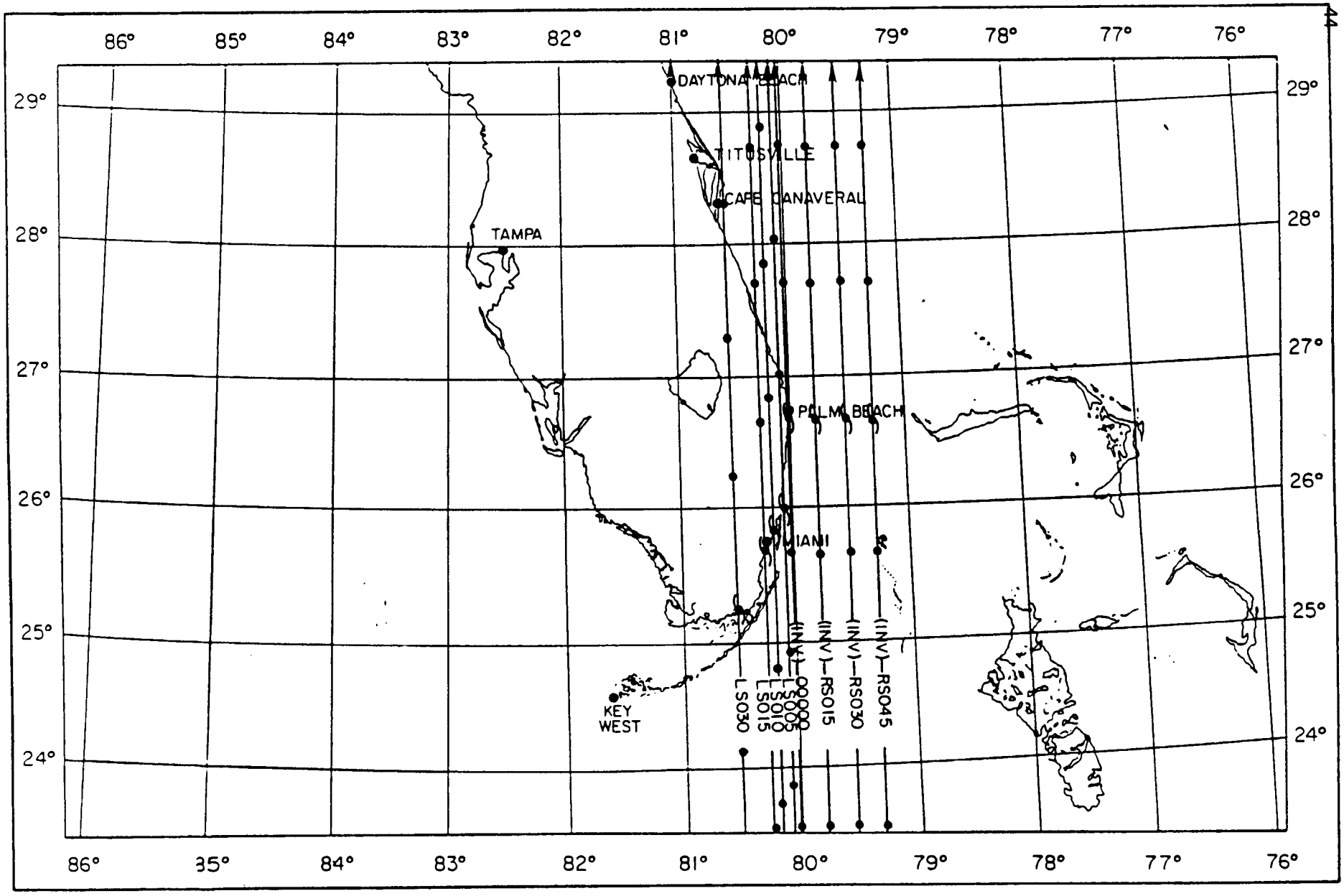

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
(INV)—OOOOO
(INV)—RS015
(INV)—RS030
(INV)—RS045
LS030
LS005
LS010
LS015

FIG. 15.

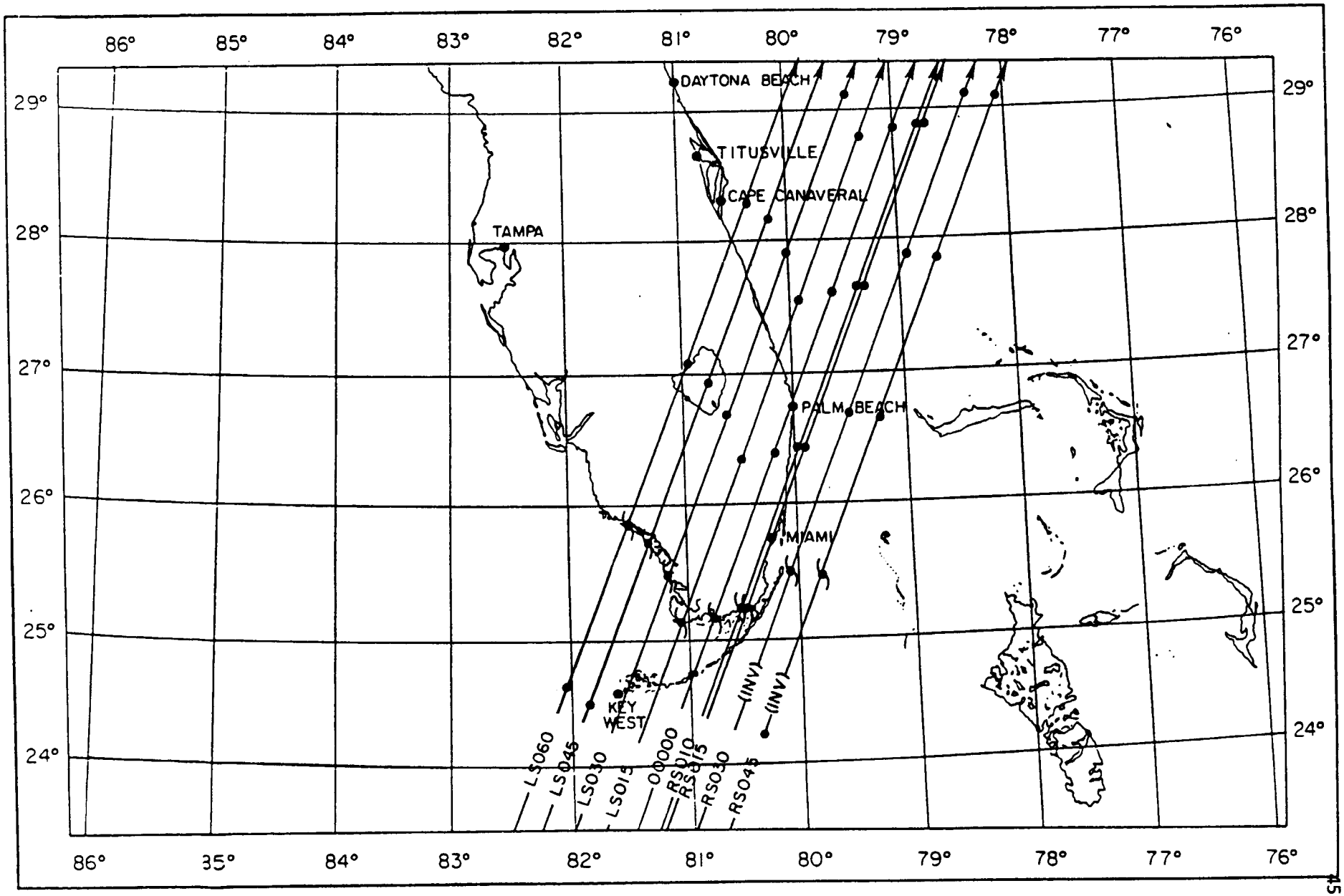

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
LS060
LS045
LS030
LS015
00000
RS015
RS030
RS045
TANII
TANII

FIG. 16

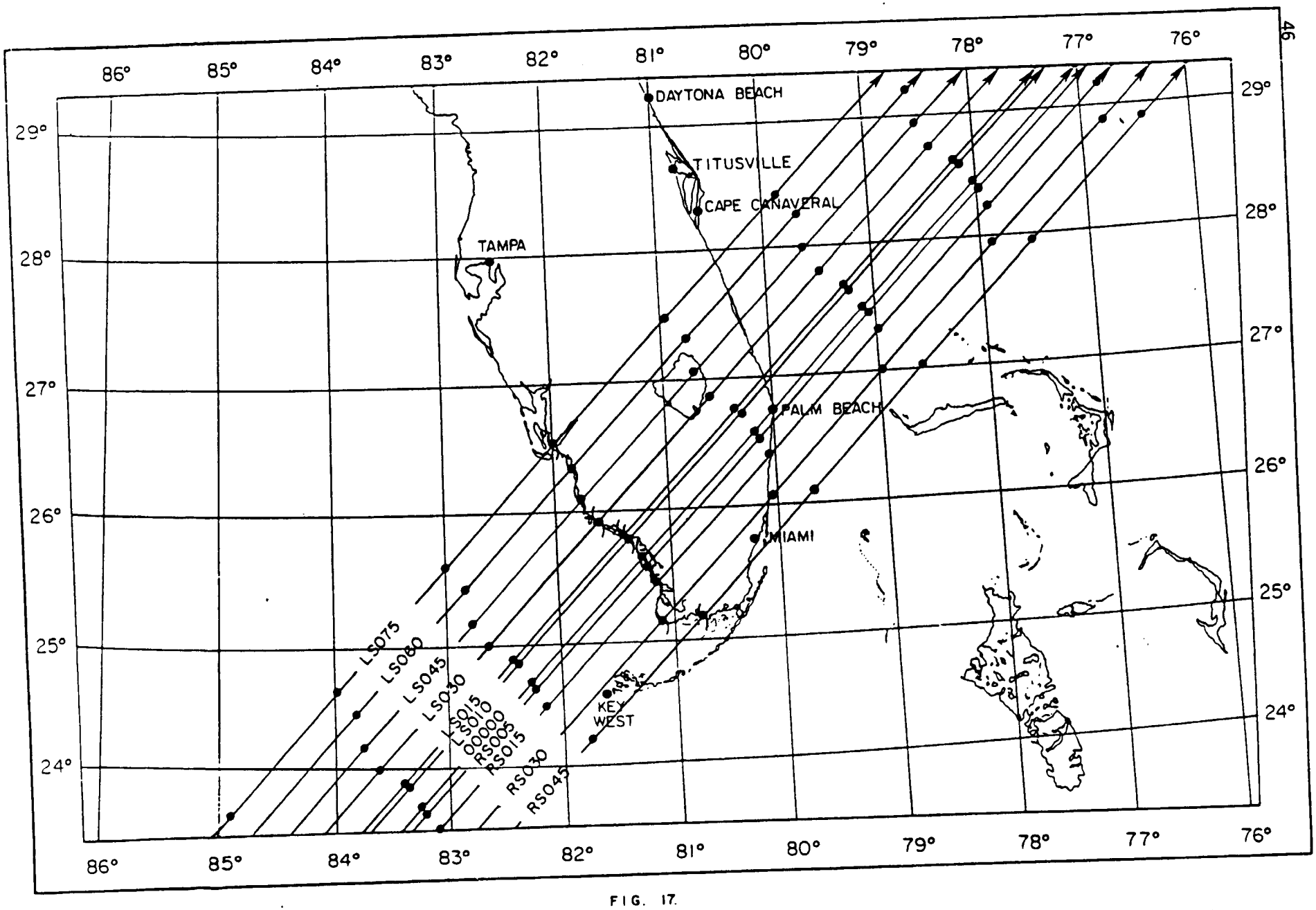

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
LS075
LS080
LS045
LS030
LS015
LS010
00000
RS005
RS015
RS030
RS045

FIG. 17.

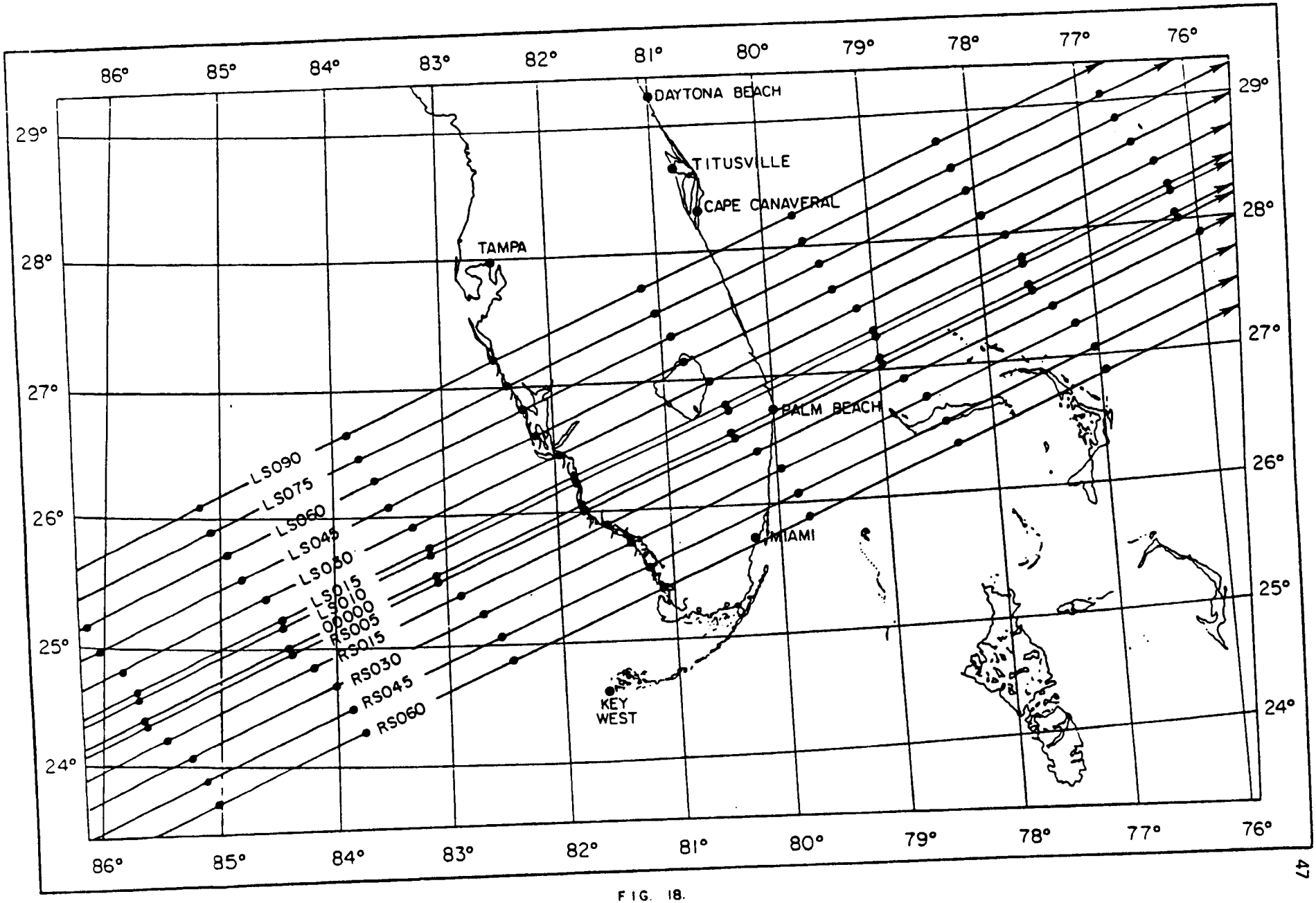

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
PALM BEACH
MIAMI
KEY WEST
LS090
LS075
LS060
LS045
LS030
LS015
LS010
00000
RS005
RS015
RS030
RS045
RS060

FIG. 18.

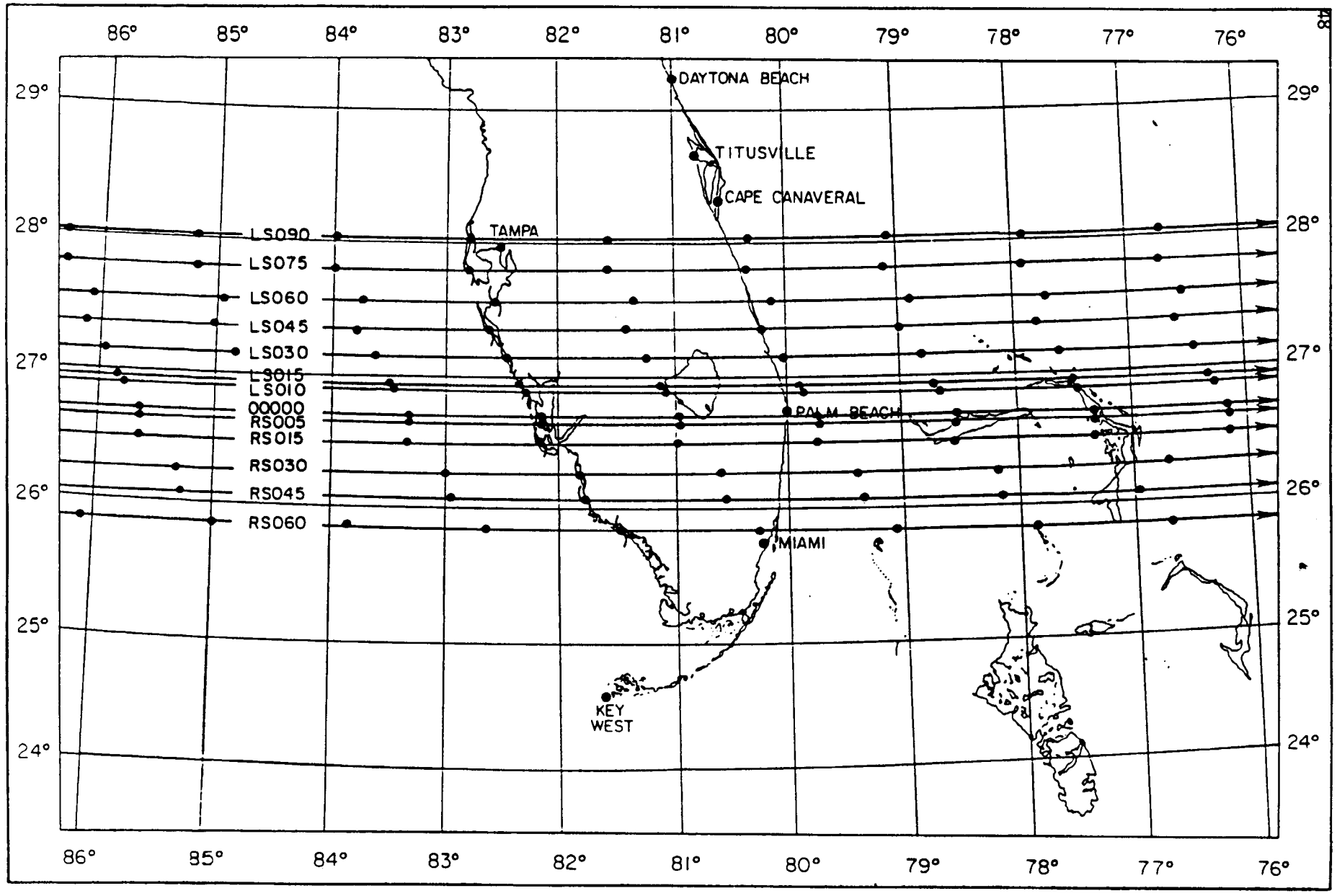

86°
85°
84°
83°
82°
81°
80°
79°
78°
77°
76°
29°
28°
27°
26°
25°
24°
DAYTONA BEACH
TITUSVILLE
CAPE CANAVERAL
TAMPA
LS090
LS075
LS060
LS045
LS030
LS015
LS010
00000
RS005
RS015
RS030
RS045
RS060
PALM BEACH
MIAMI
KEY
WEST

FIG. 19.

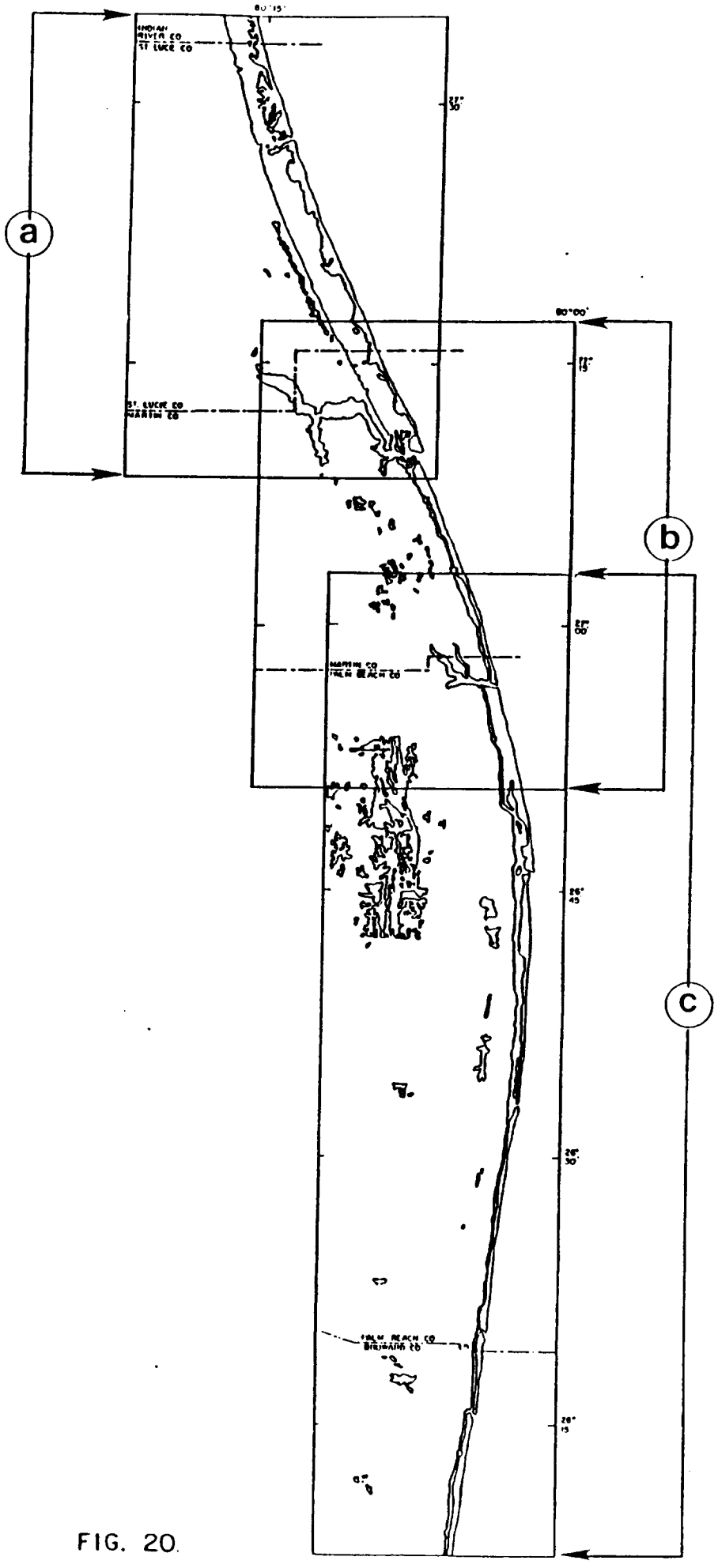


FIG. 20.

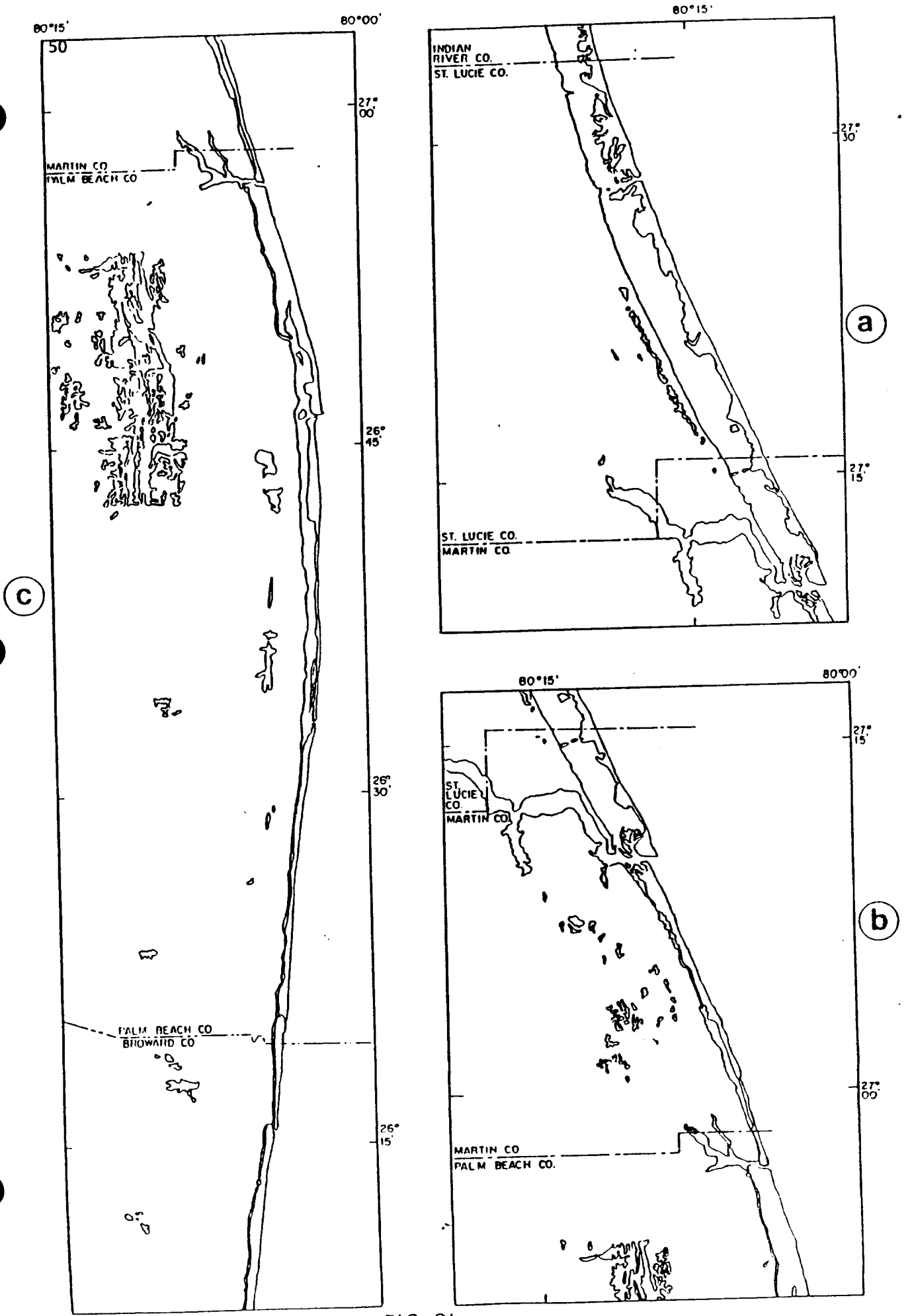
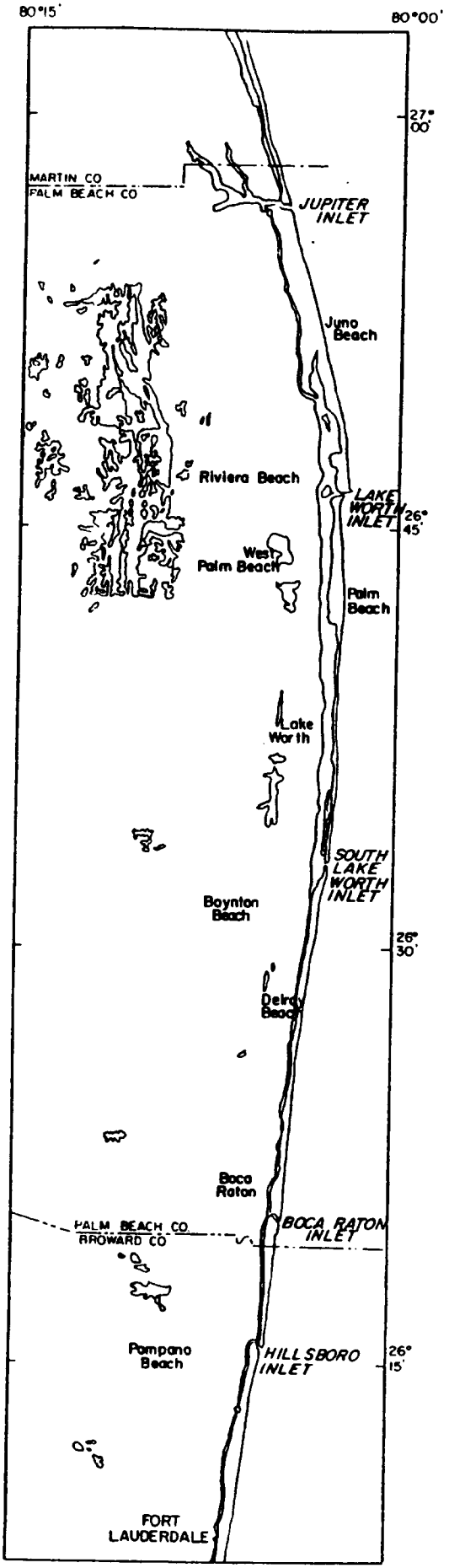
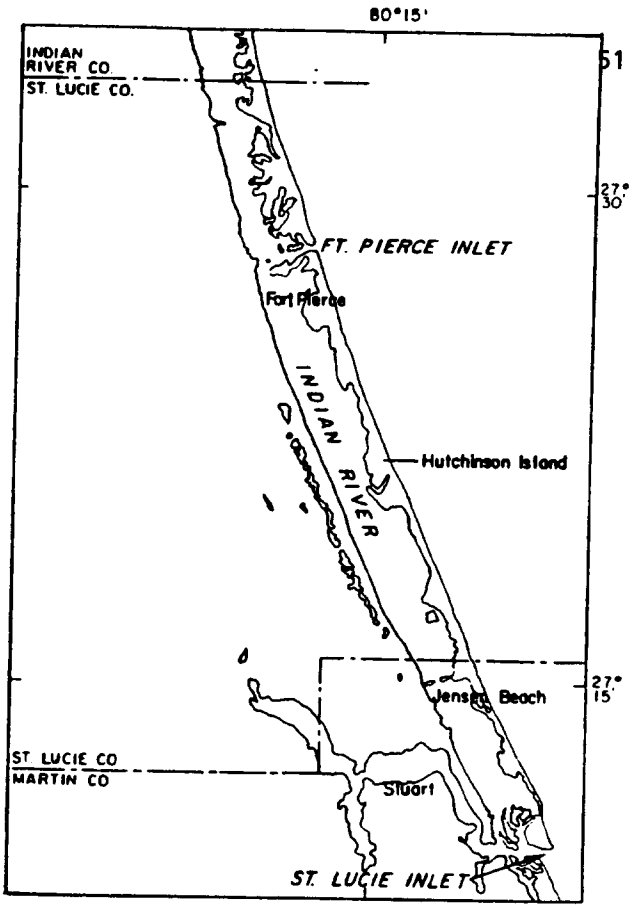
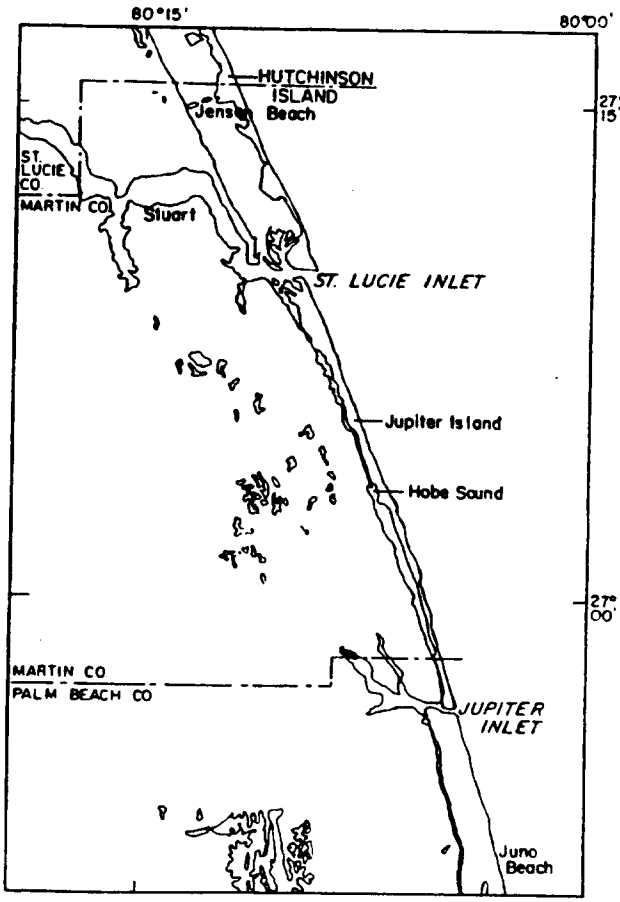
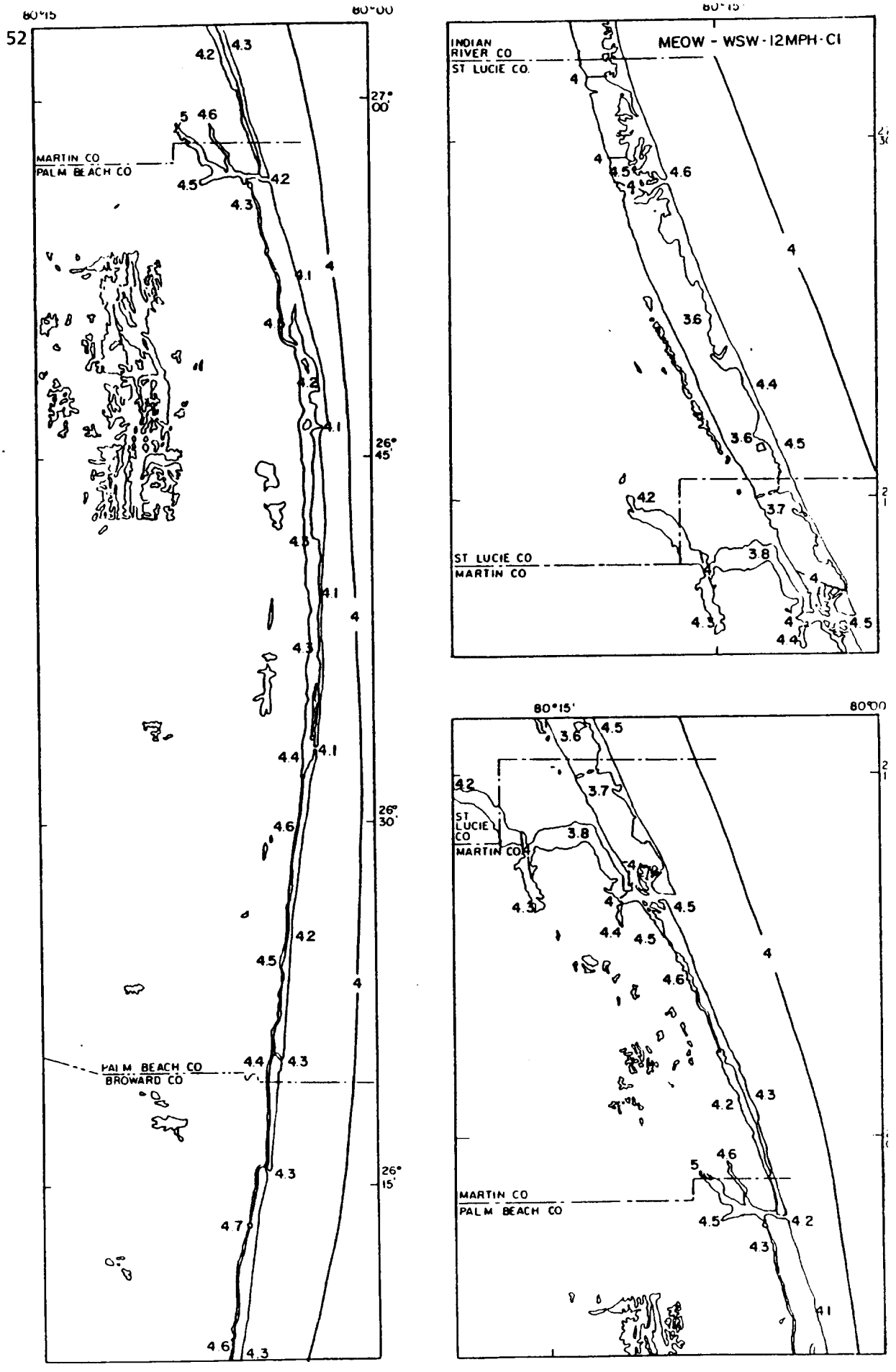

80°15'
80°00'
50
27° 00'
MARTIN CO
PALM BEACH CO
26° 45'
26° 30'
PALM BEACH CO
BROWARD CO
26° 15'
c
80°15'
INDIAN RIVER CO.
ST. LUCIE CO.
27° 30'
27° 15'
ST. LUCIE CO.
MARTIN CO.
a
80°15'
80°00'
27° 15'
ST. LUCIE CO.
MARTIN CO.
27° 00'
MARTIN CO
PALM BEACH CO.
b

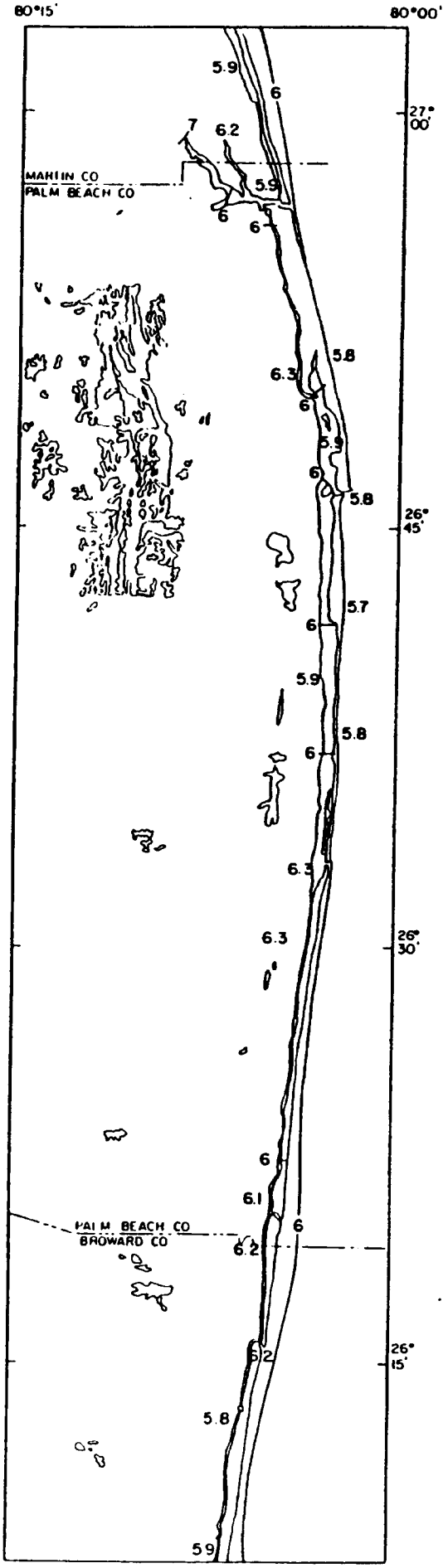
FIG. 21.

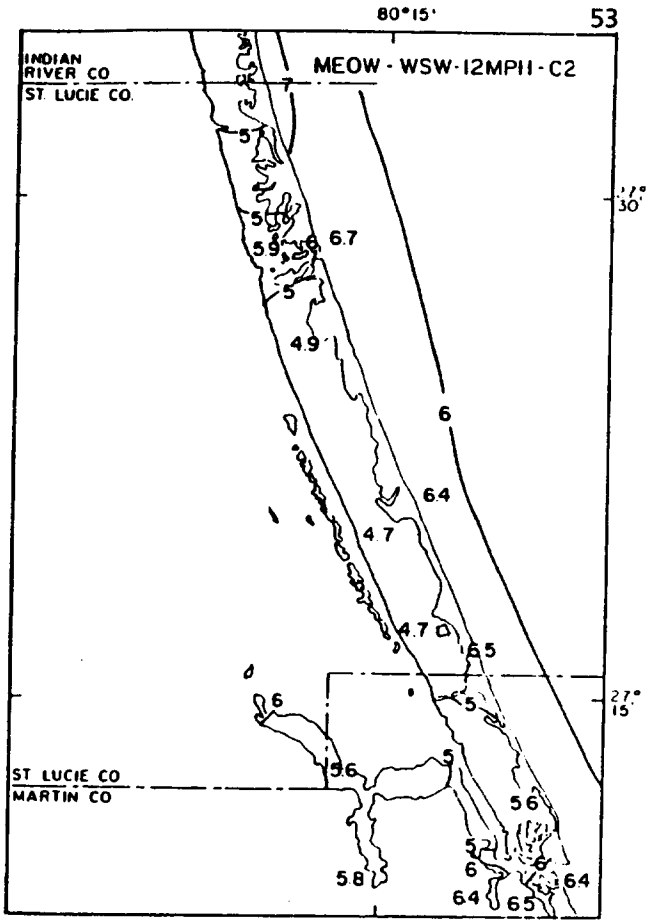

80°15'
80°00'
27° 00'
MARTIN CO
PALM BEACH CO
JUPITER INLET
Juno Beach
Riviera Beach
LAKE WORTH INLET
26° 45'
West Palm Beach
Palm Beach
Lake Worth
SOUTH LAKE WORTH INLET
Boynton Beach
26° 30'
Delray Beach
Boca Raton
PALM BEACH CO
BROWARD CO
BOCA RATON INLET
Pompano Beach
HILLSBORO INLET
26° 15'
FORT LAUDERDALE

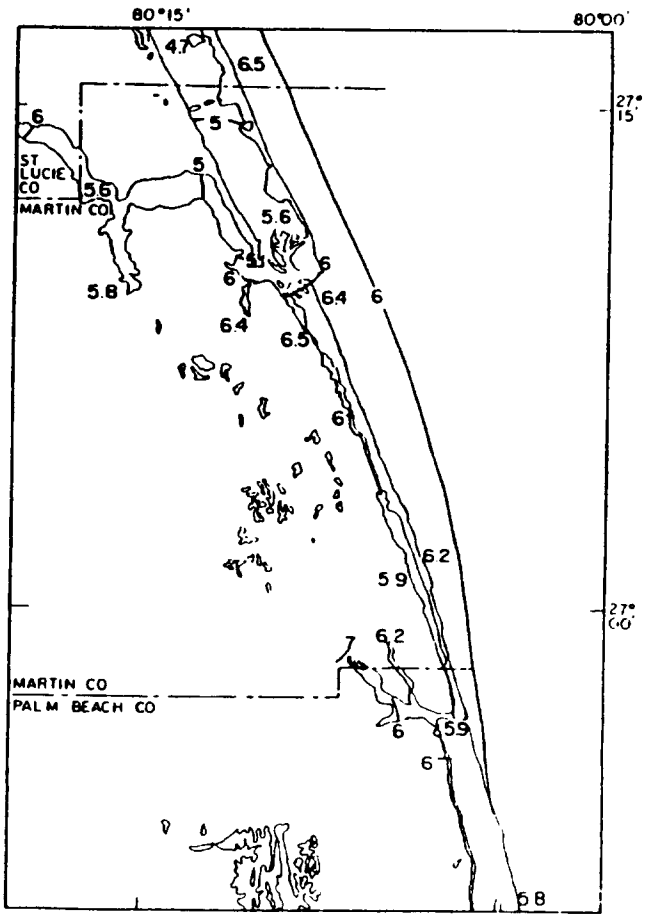

80°15'
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
FT. PIERCE INLET
Fort Pierce
INDIAN RIVER
Hutchinson Island
27° 15'
Jensen Beach
ST LUCIE CO
MARTIN CO
Stuart
ST. LUCIE INLET

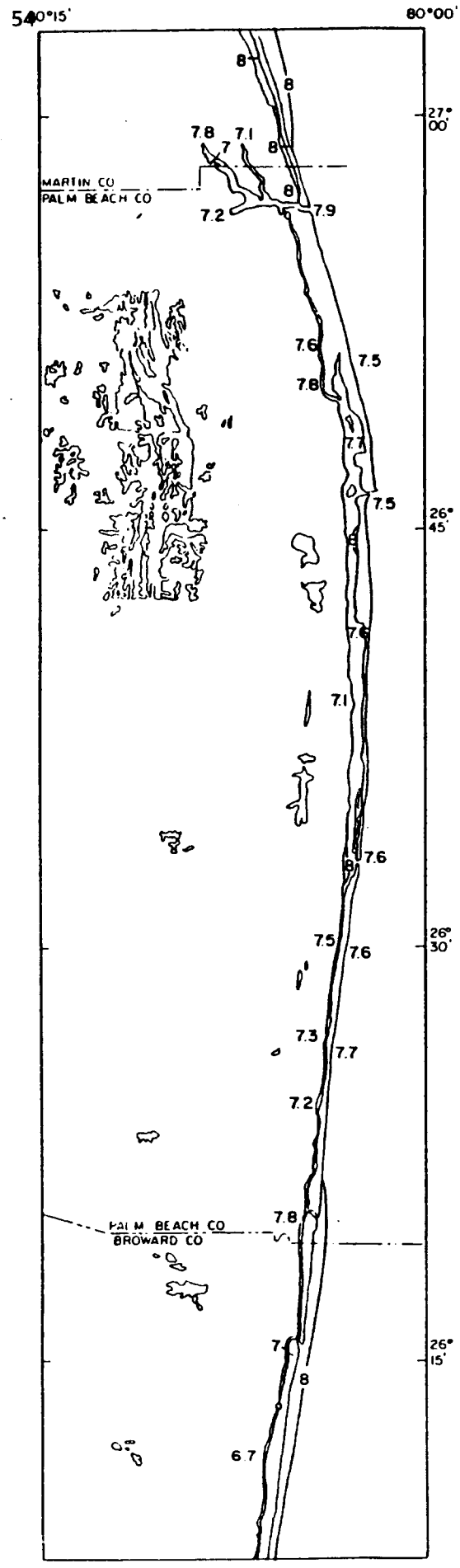

80°15'
80°00'
HUTCHINSON ISLAND
Jensen Beach
27° 15'
ST. LUCIE CO
MARTIN CO
Stuart
ST. LUCIE INLET
Jupiter Island
Hobe Sound
27° 00'
MARTIN CO
PALM BEACH CO
JUPITER INLET
Juno Beach

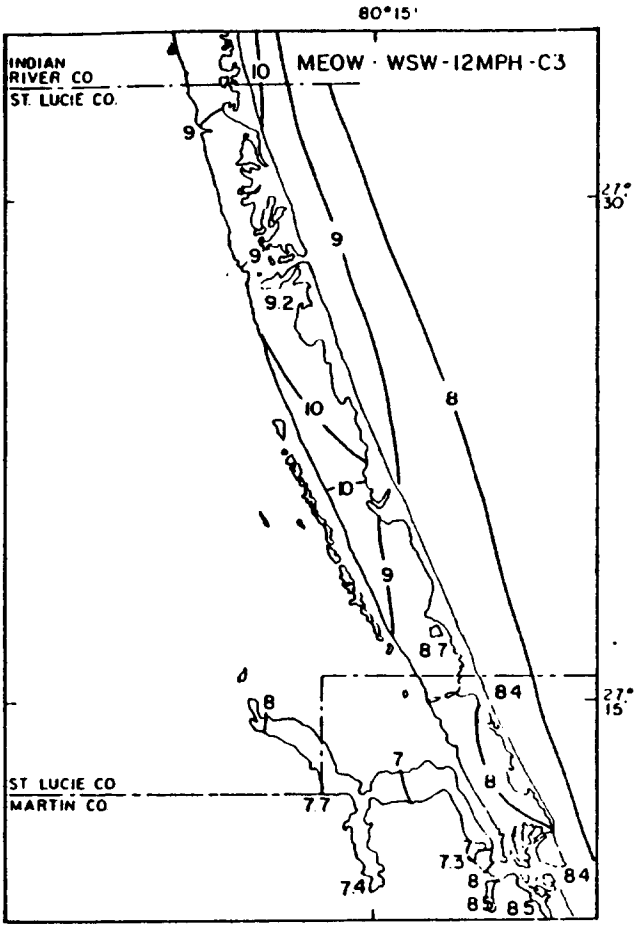

52
80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST LUCIE CO.
MEOW - WSW - 12MPH - CI
ST LUCIE CO
MARTIN CO
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

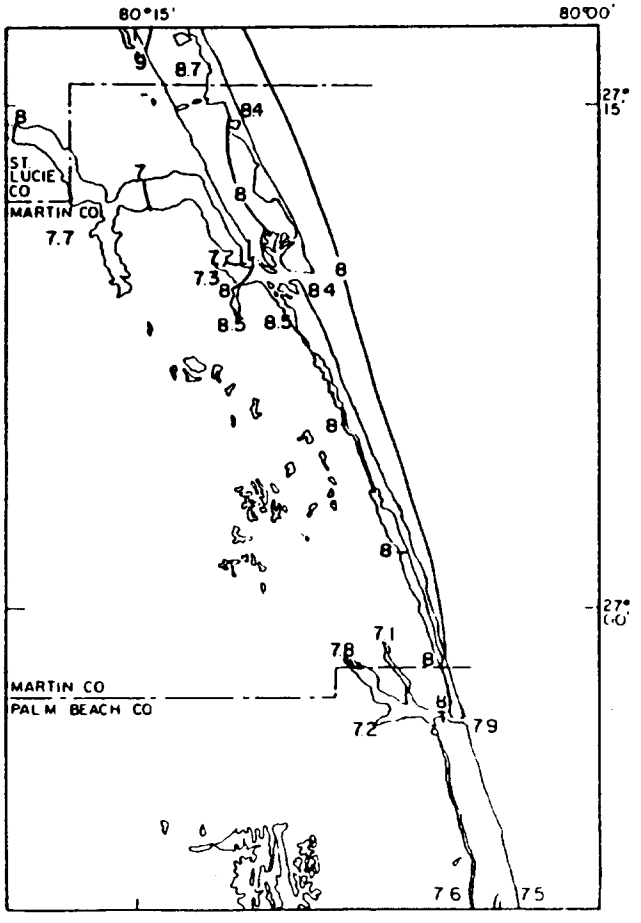

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

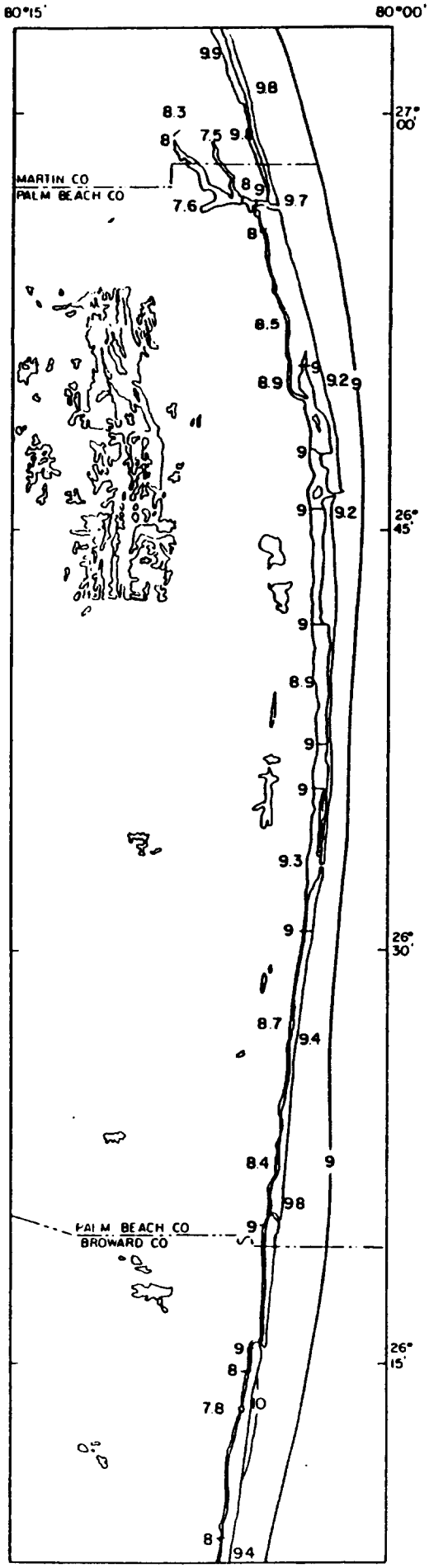

80°15'
53
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - WSW-12MPH-C2
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

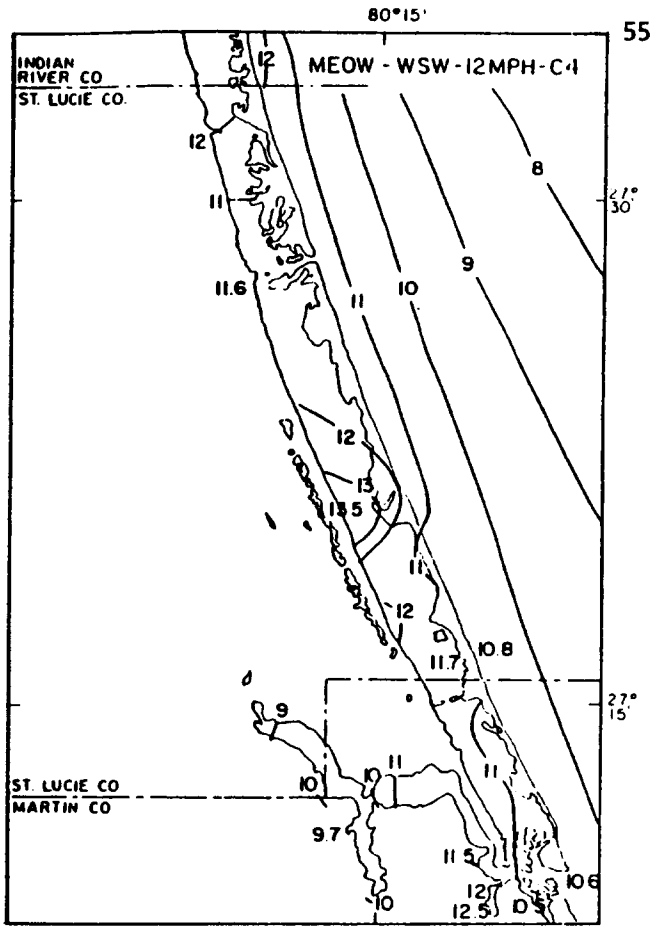

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

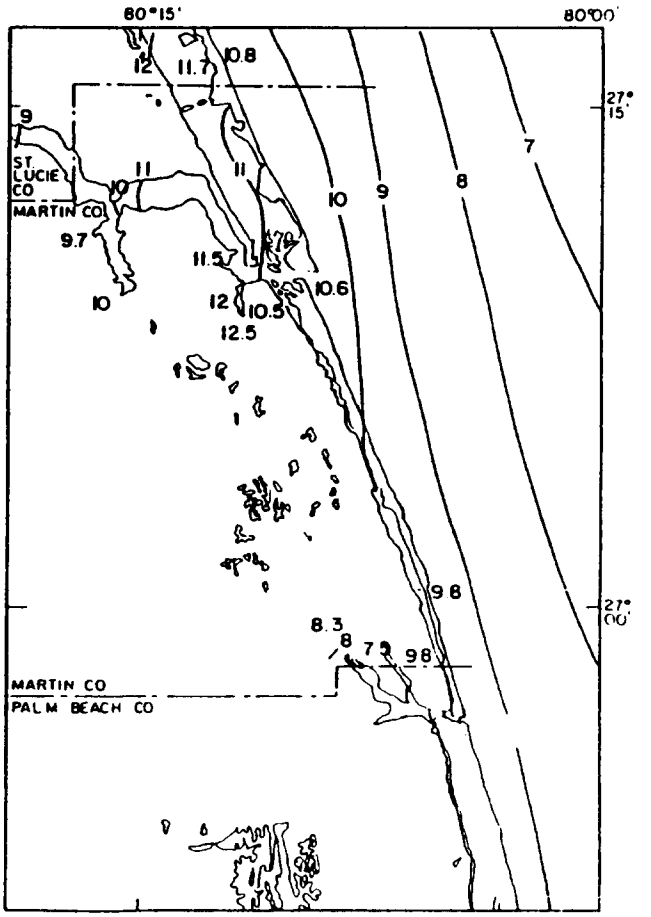

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

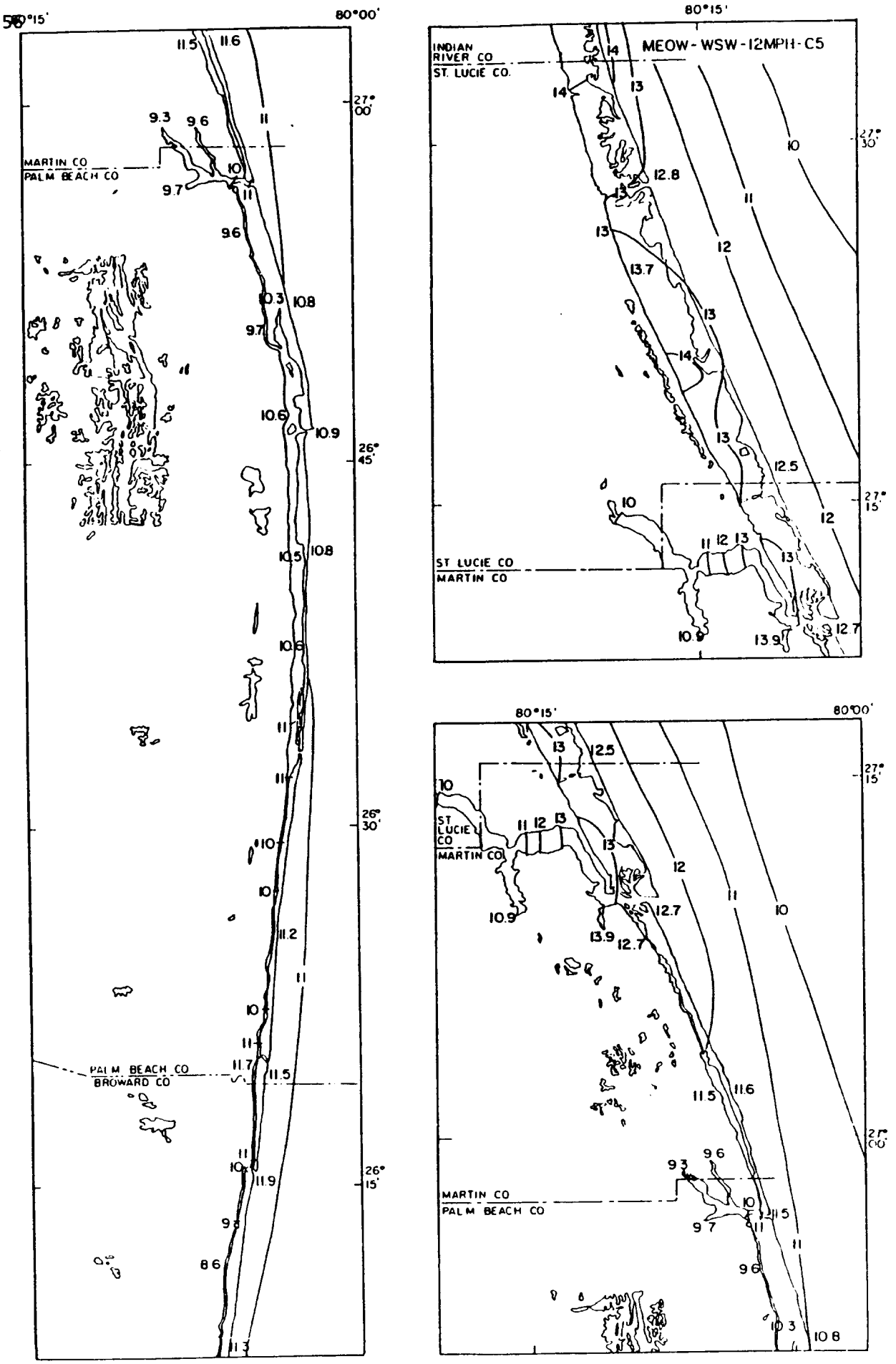

80°15'
MEOW · WSW-12MPH-C3
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

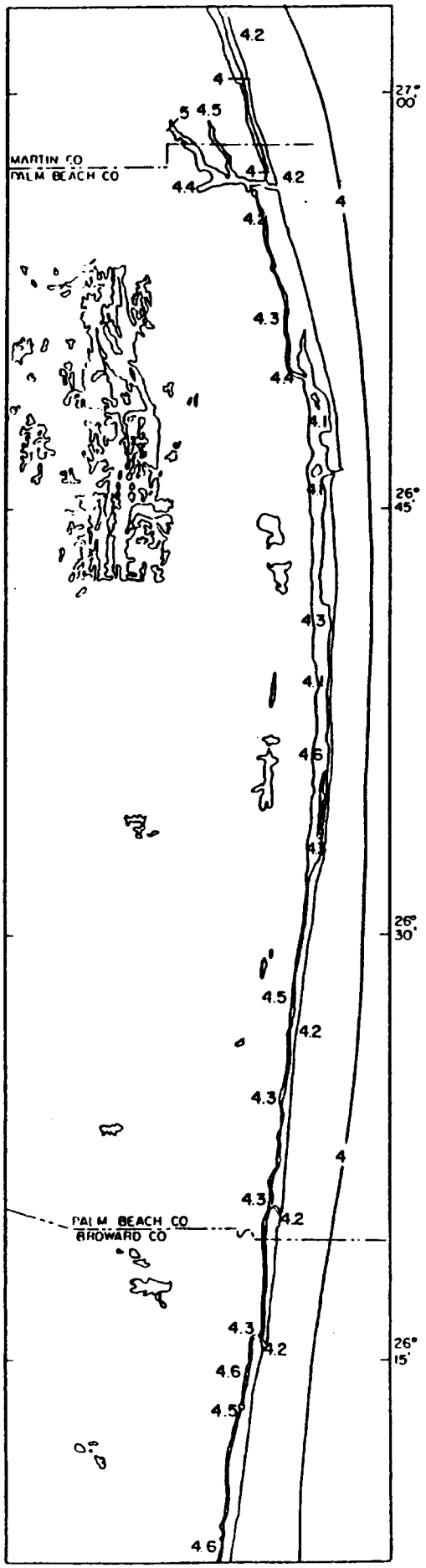

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

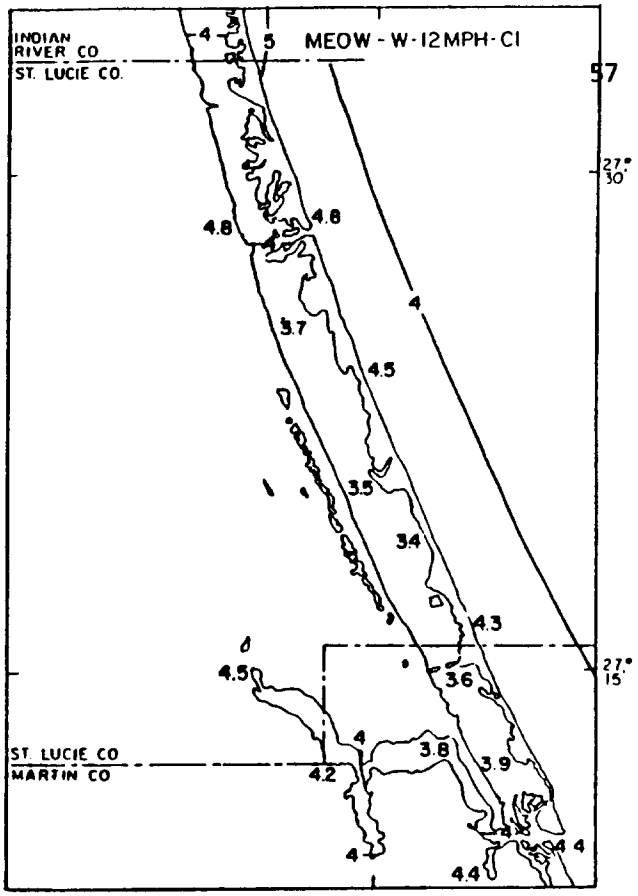

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

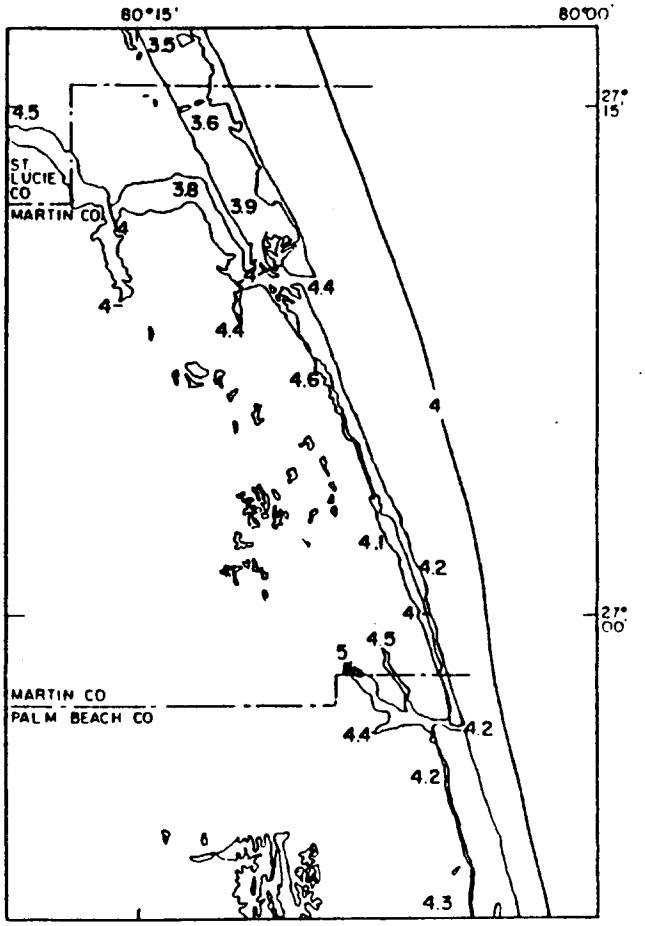

80°15'
MEOW - WSW - 12MPH - C-1
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST. LUCIE CO
MARTIN CO

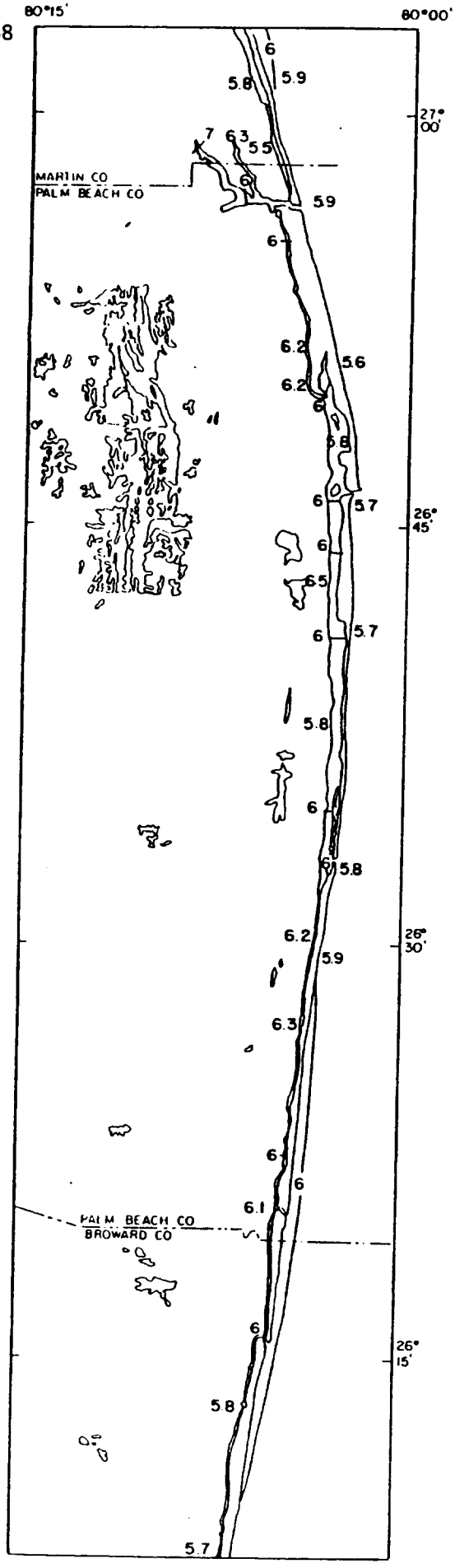

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

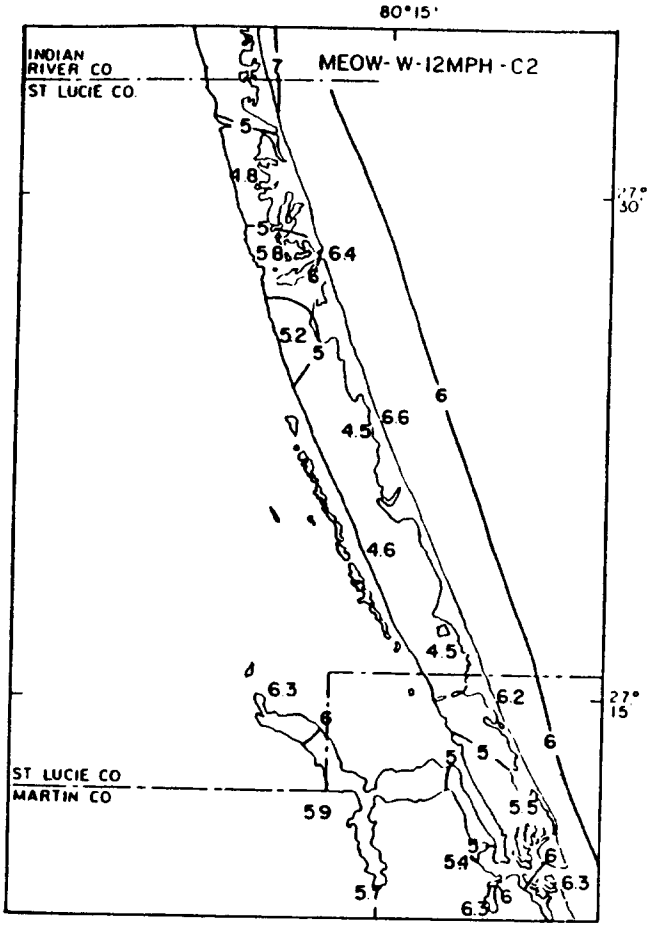

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - WSW - 12MPH - C5
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO
27° 00'

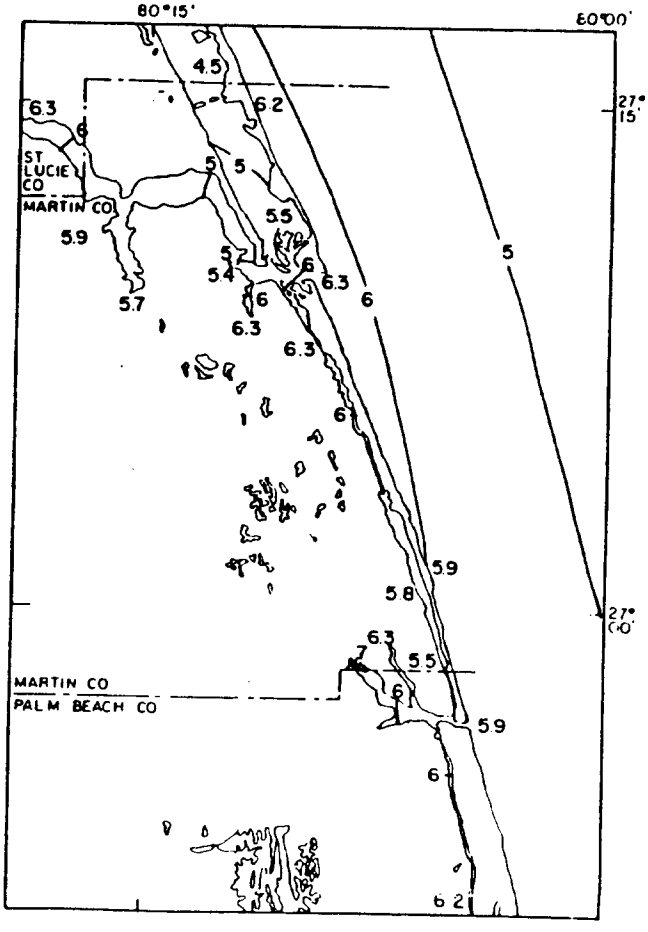

MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
27° 00'
26° 45'
26° 30'
26° 15'

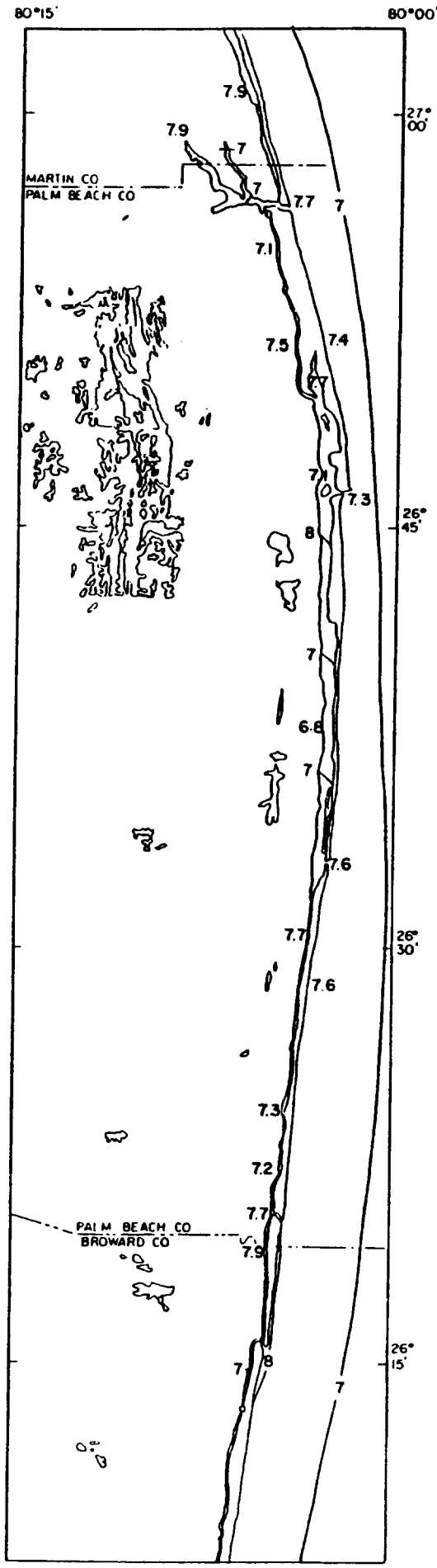

INDIAN RIVER CO
ST. LUCIE CO.
MEOW - W-12MPH-CI
57
27° 30'
27° 15'
ST. LUCIE CO
MARTIN CO

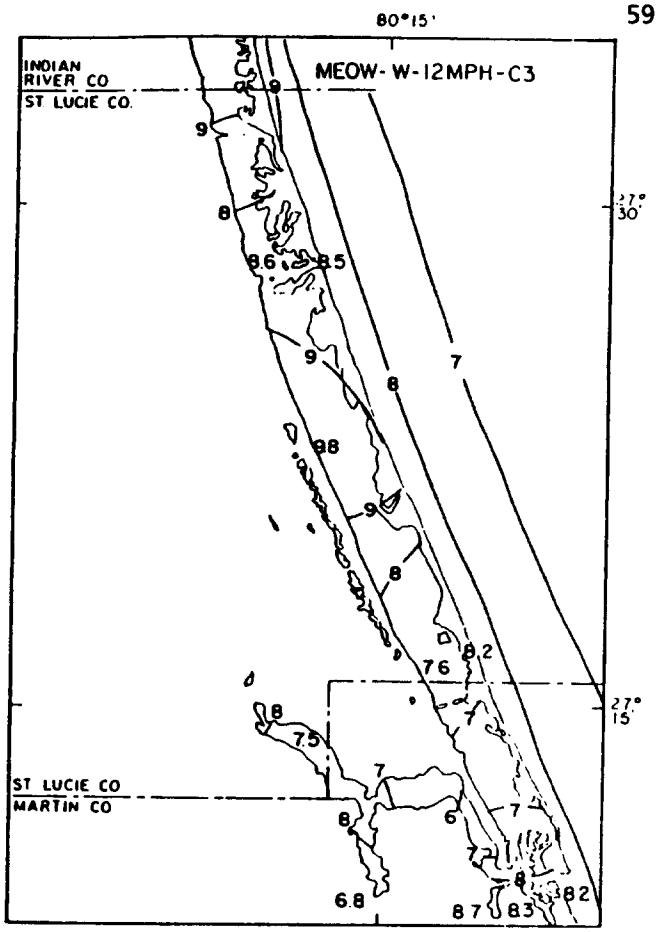

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

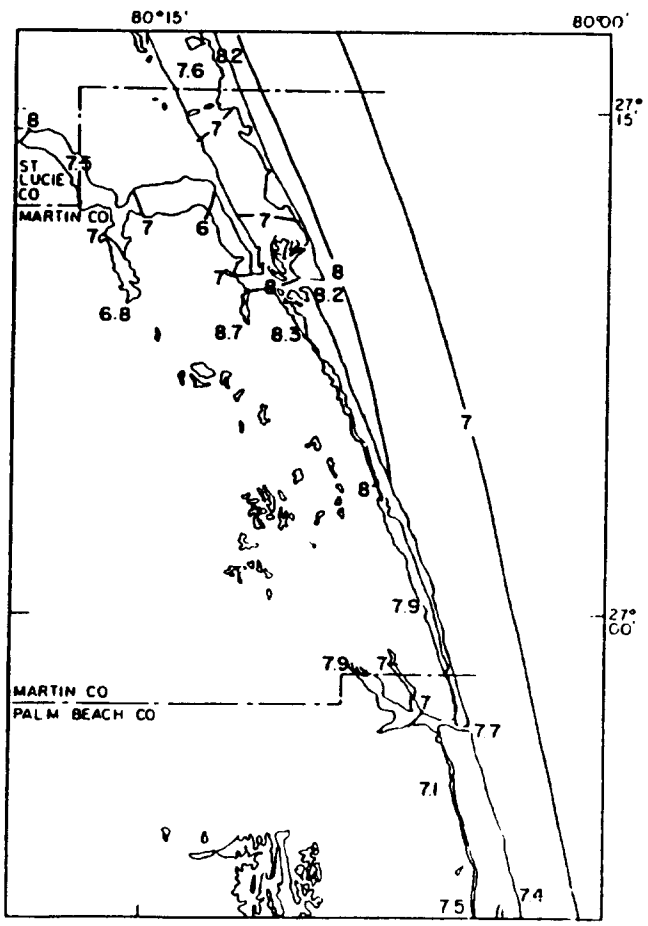

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

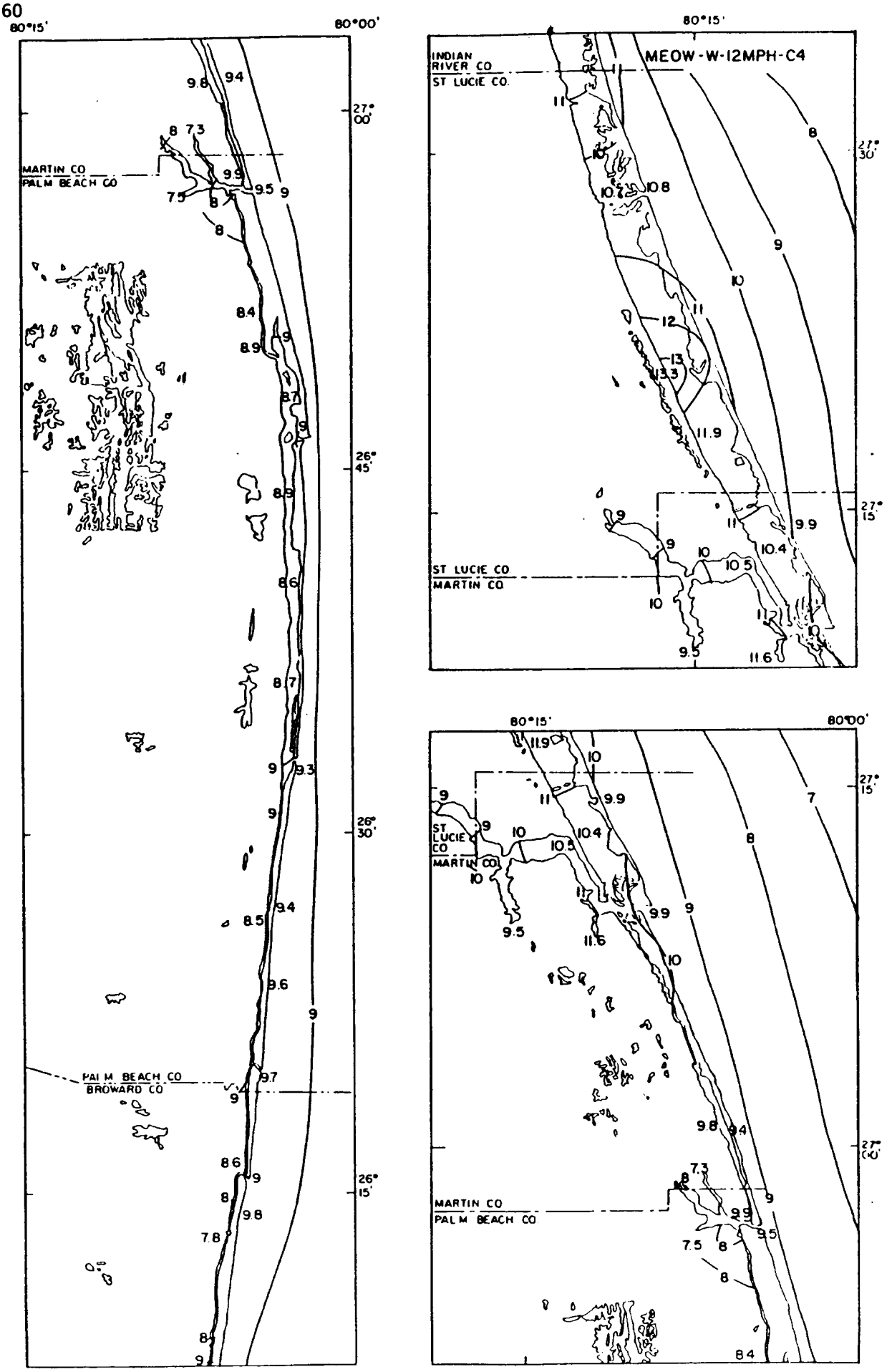

80°15'
INDIAN RIVER CO
ST LUCIE CO
MEOW- W-12MPH - C2
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

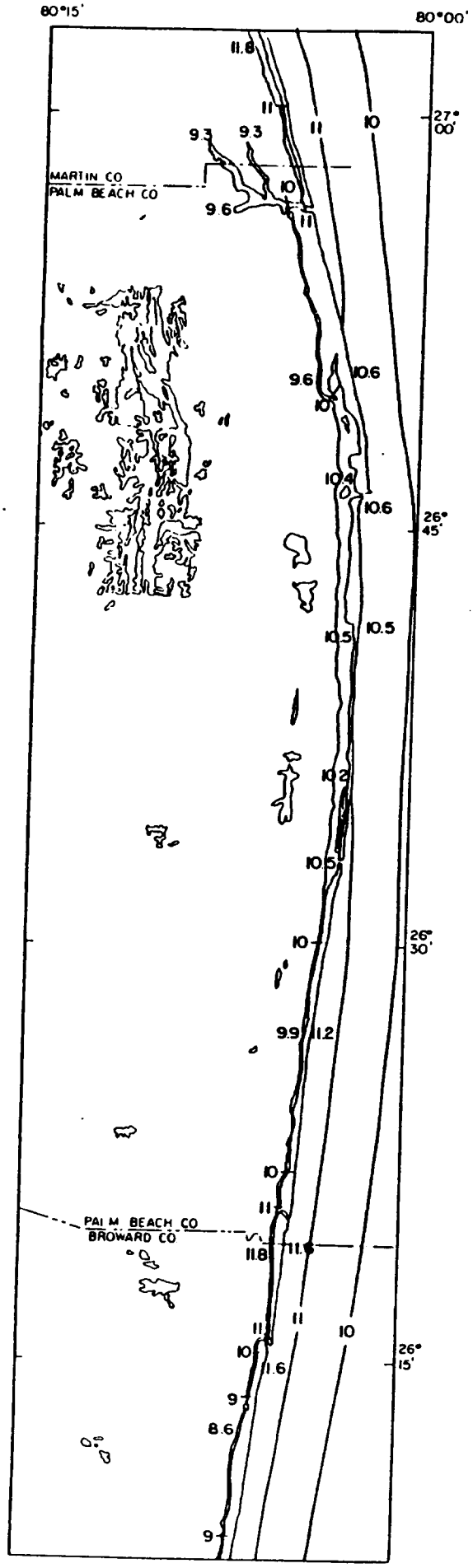

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

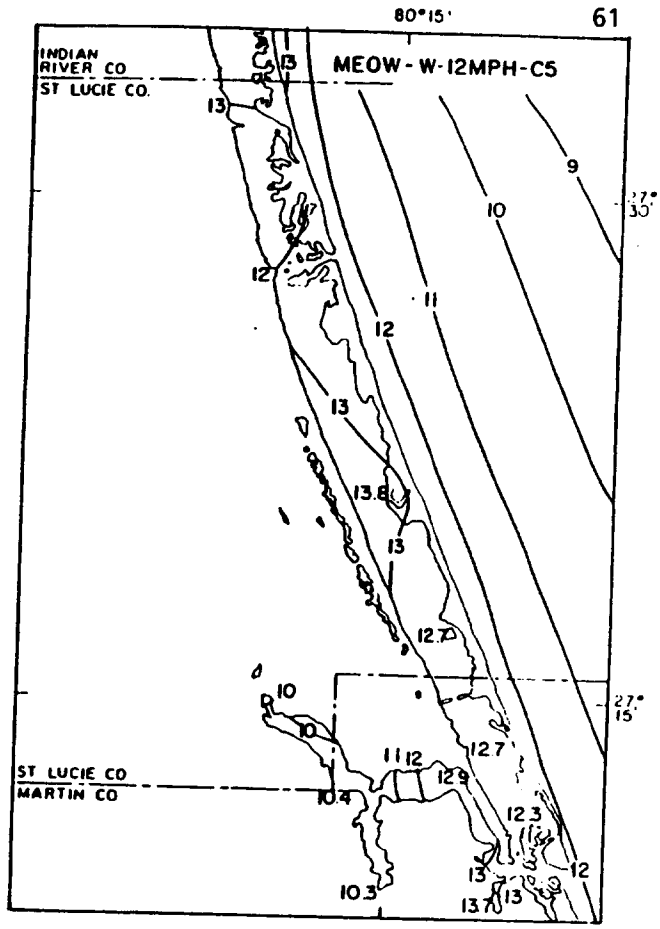

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

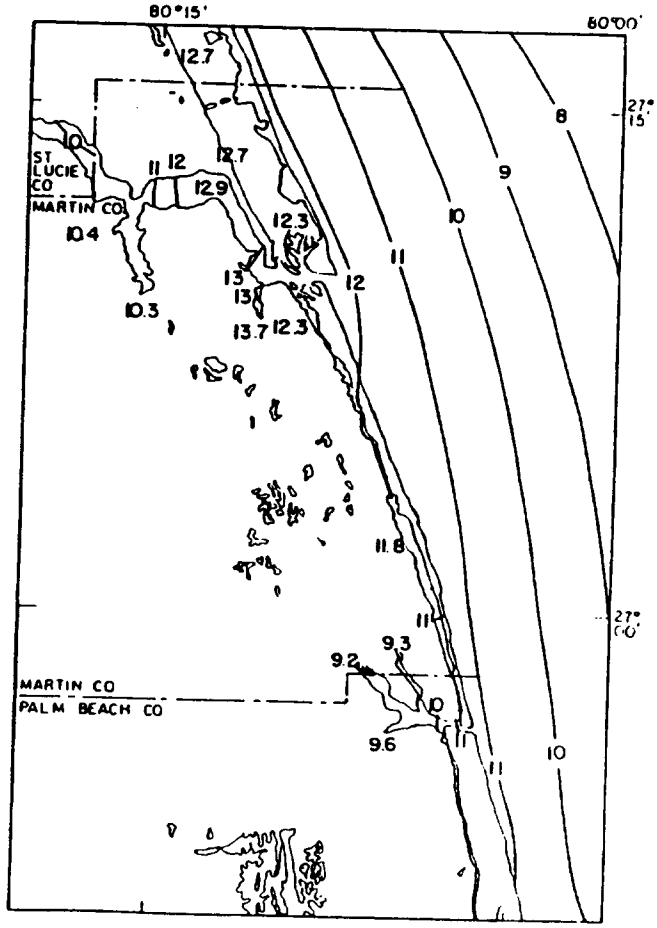

80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW- W-12MPH-C3
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

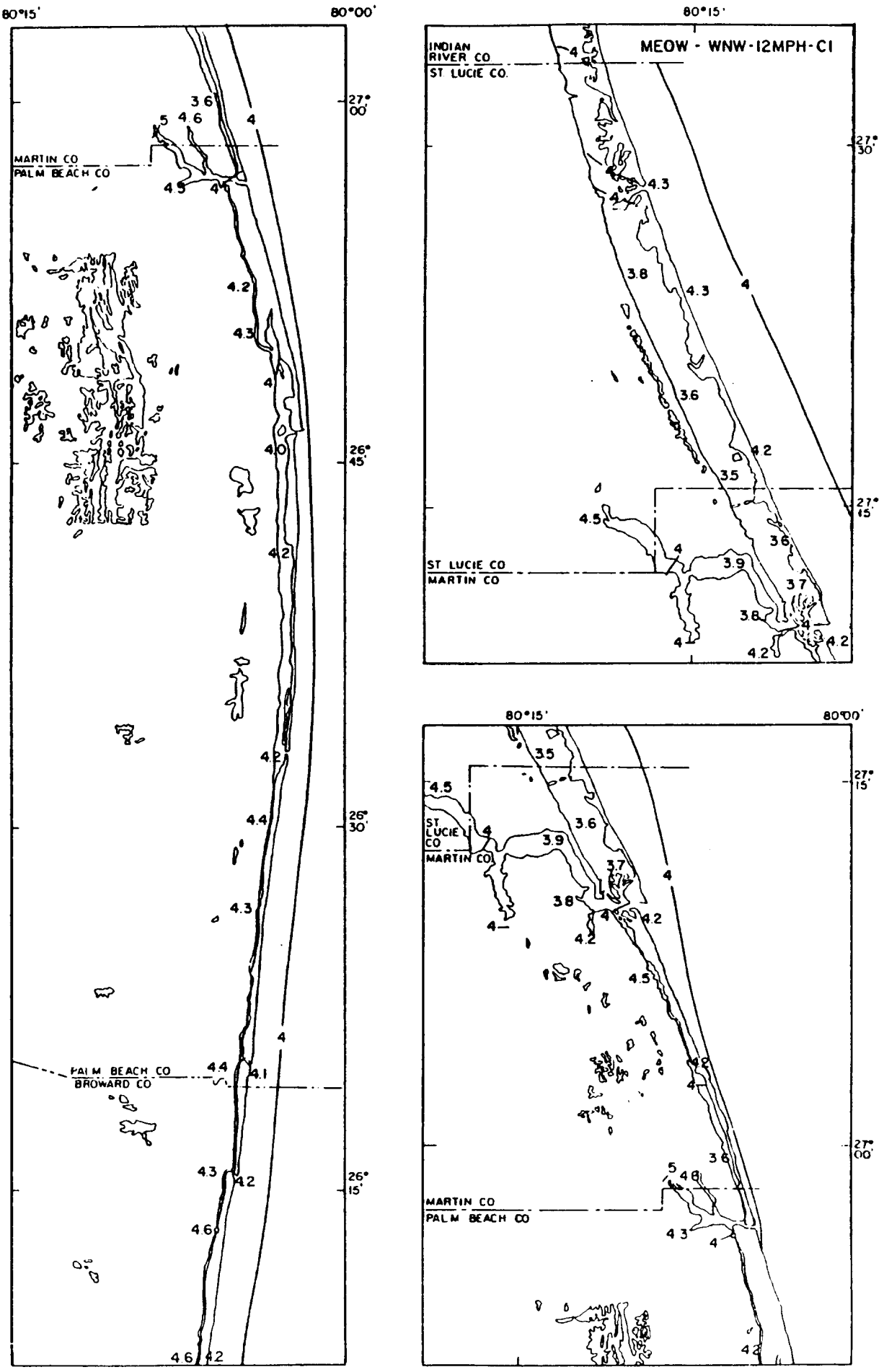

80°15'
80°00'
27° 15'
ST LUCIE CO
MARTIN CO
27° 00'
MARTIN CO
PALM BEACH CO

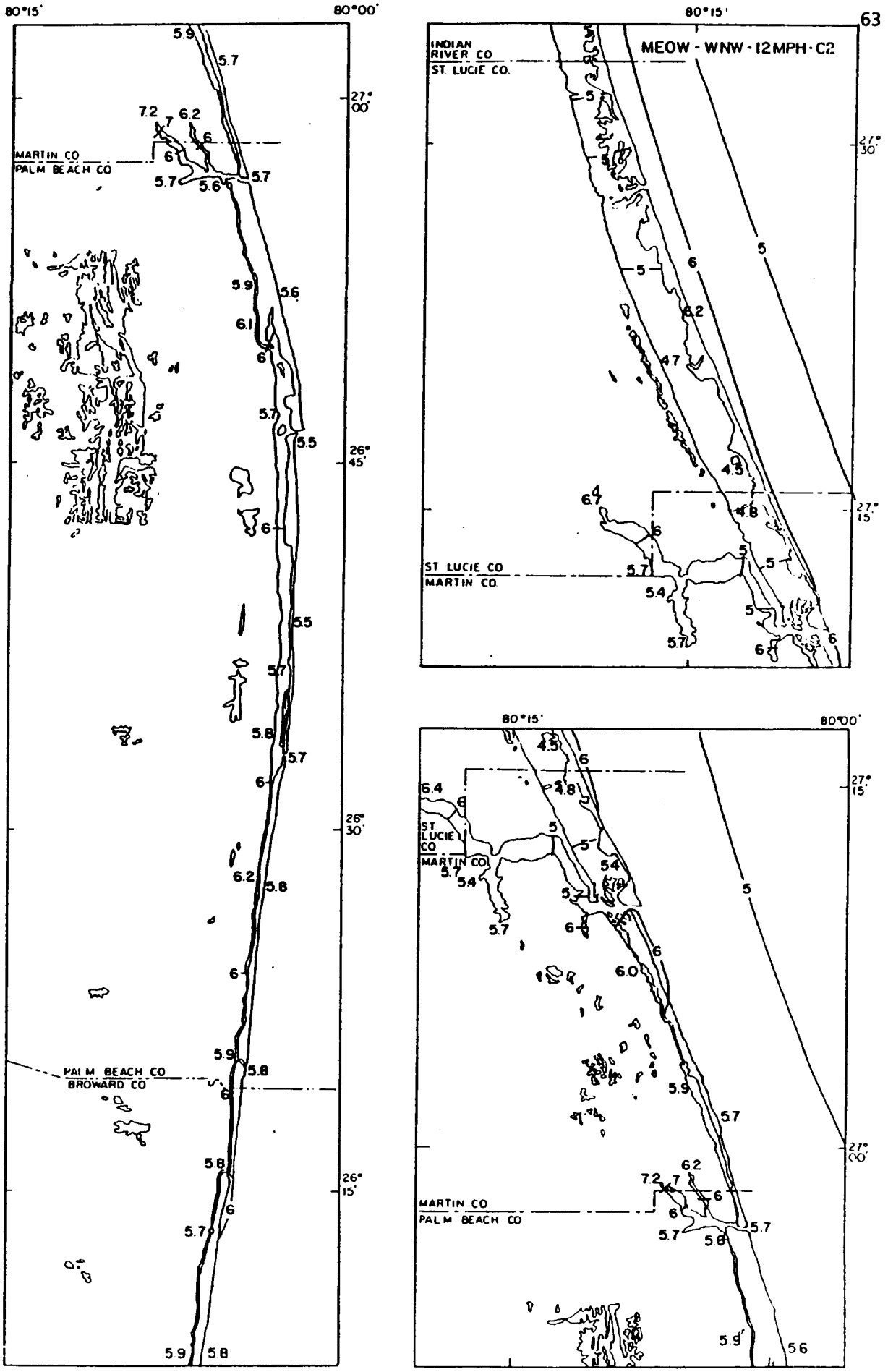

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST LUCIE CO.
MEOW-W-12MPH-C4
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO


80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

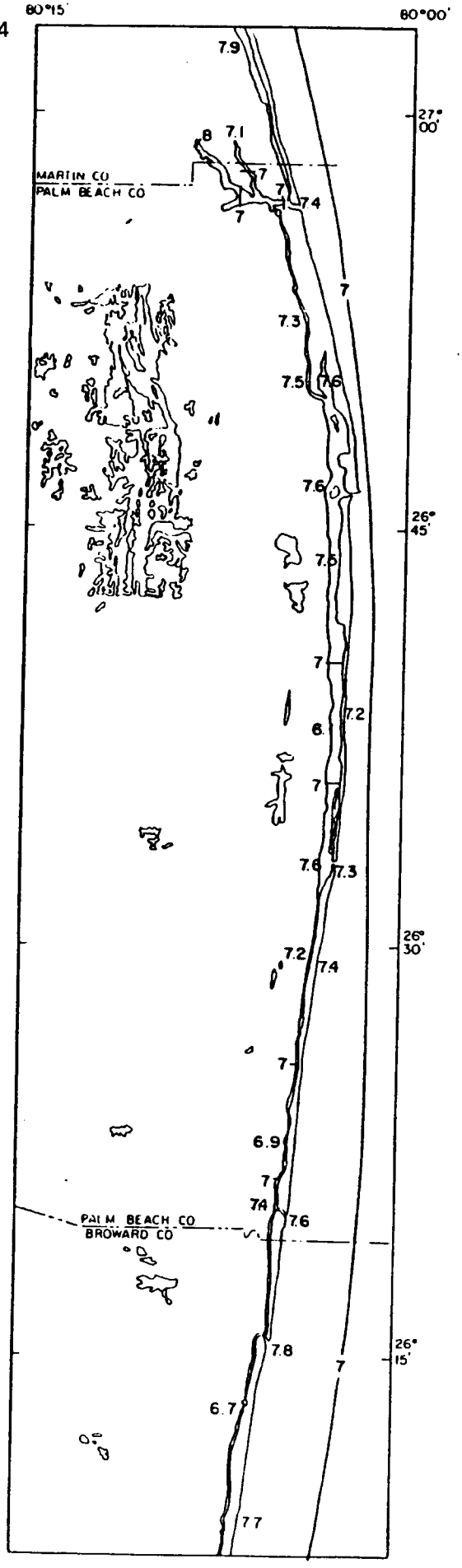

80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW - W-12MPH-C5
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

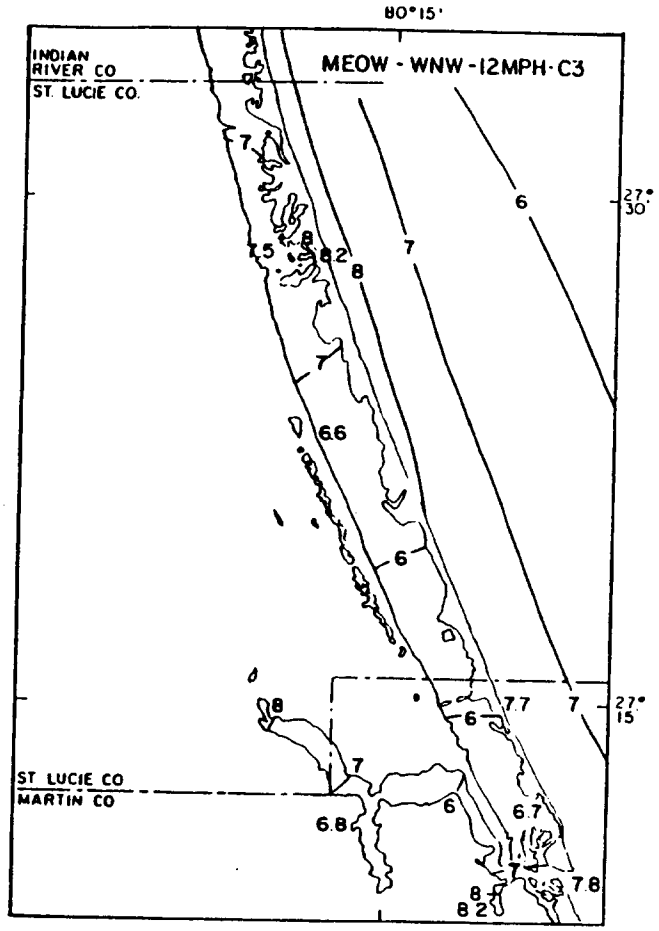

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

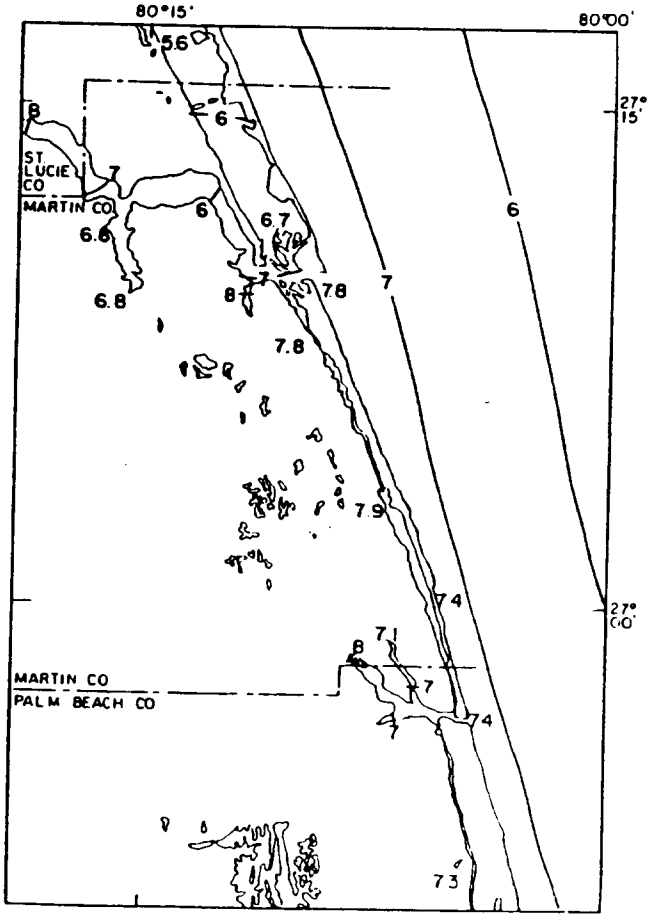

62
80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW - WNW-12MPH-CI
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
80°15'
80°00'
ST LUCIE CO
MARTIN CO
27° 15'
27° 00'
MARTIN CO
PALM BEACH CO

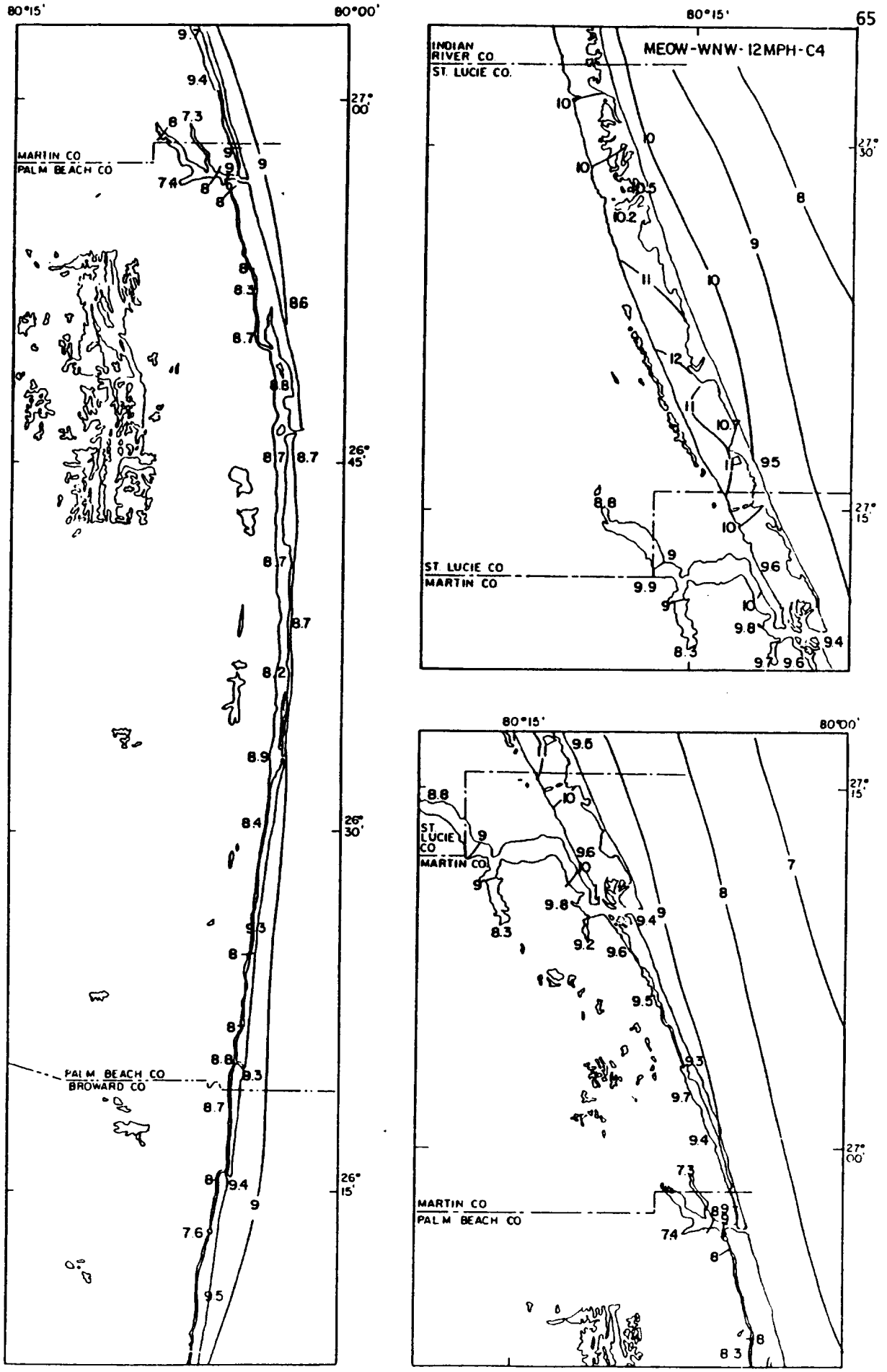

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - WNW - 12MPH - C2
ST LUCIE CO
MARTIN CO
27° 30'
27° 15'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

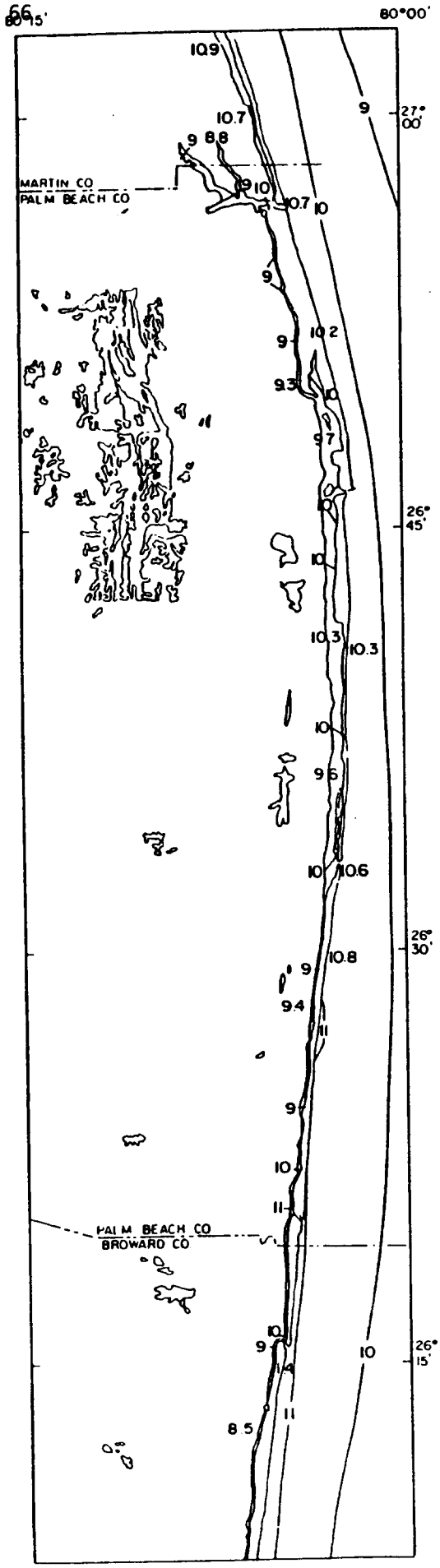
64

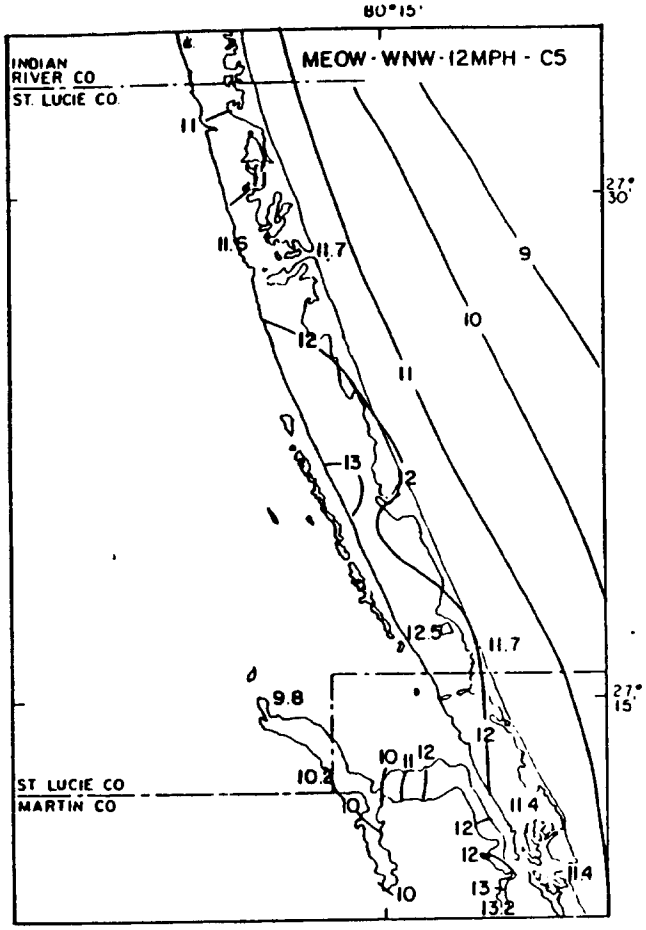

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

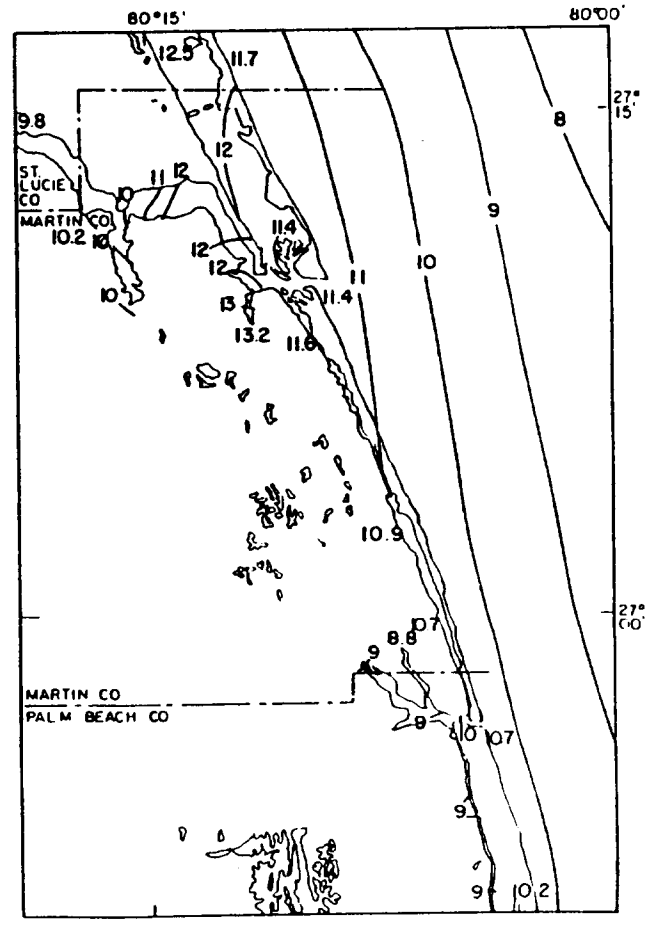

80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - WNW - 12MPH - C3
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

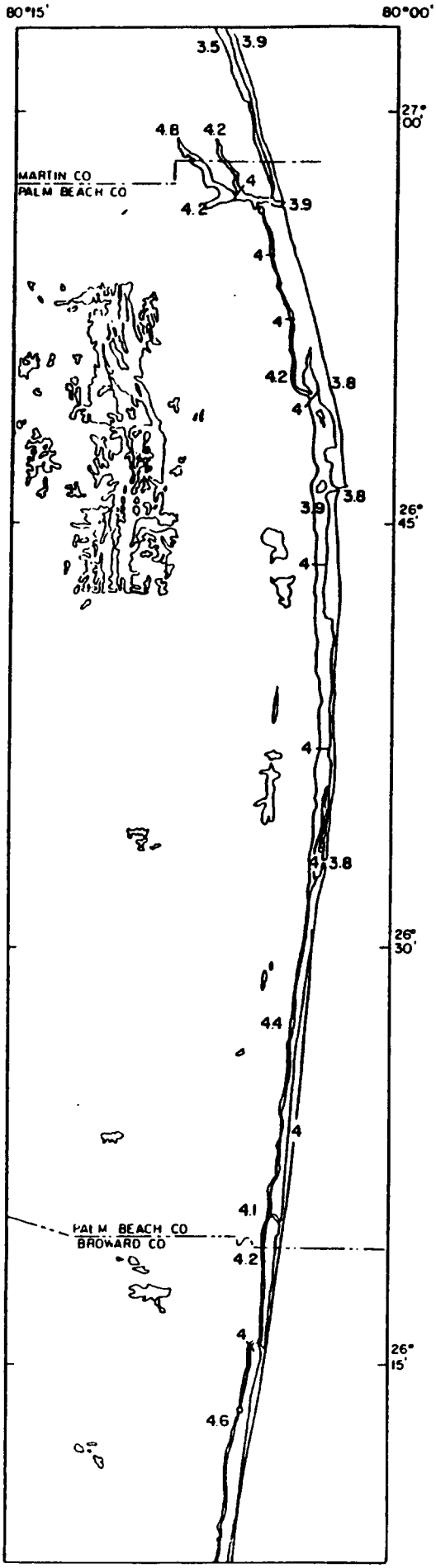

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

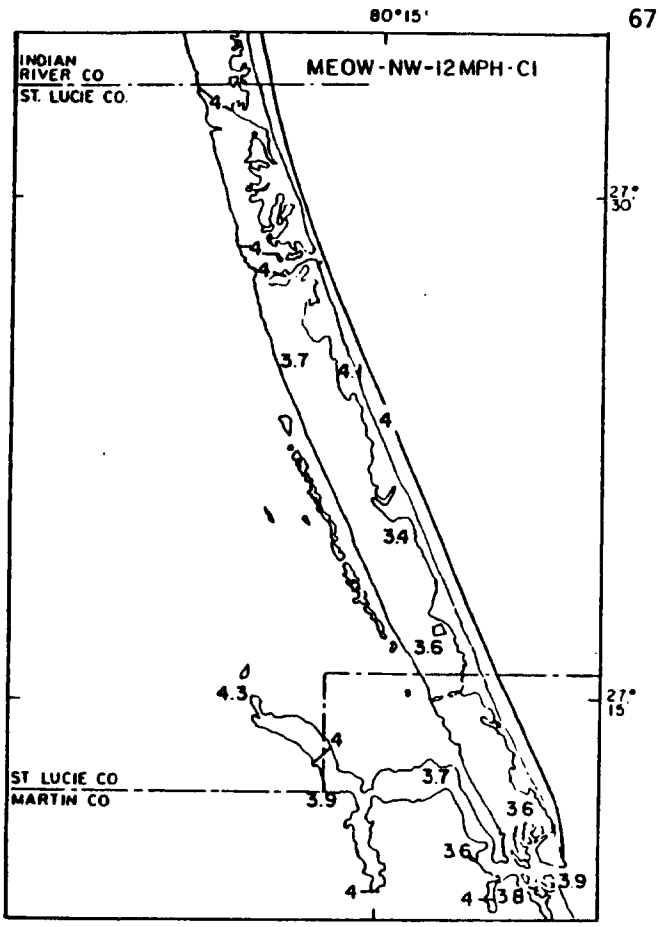

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
65
MEOW-WNW-12MPH-C4
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST. LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
ST. LUCIE CO
MARTIN CO.
27° 00'
MARTIN CO
PALM BEACH CO

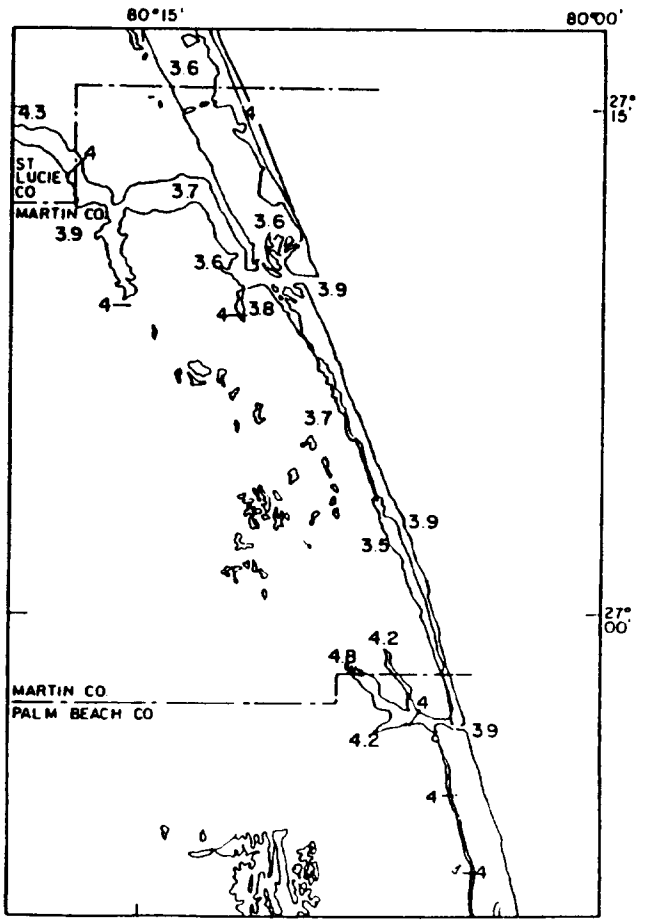

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

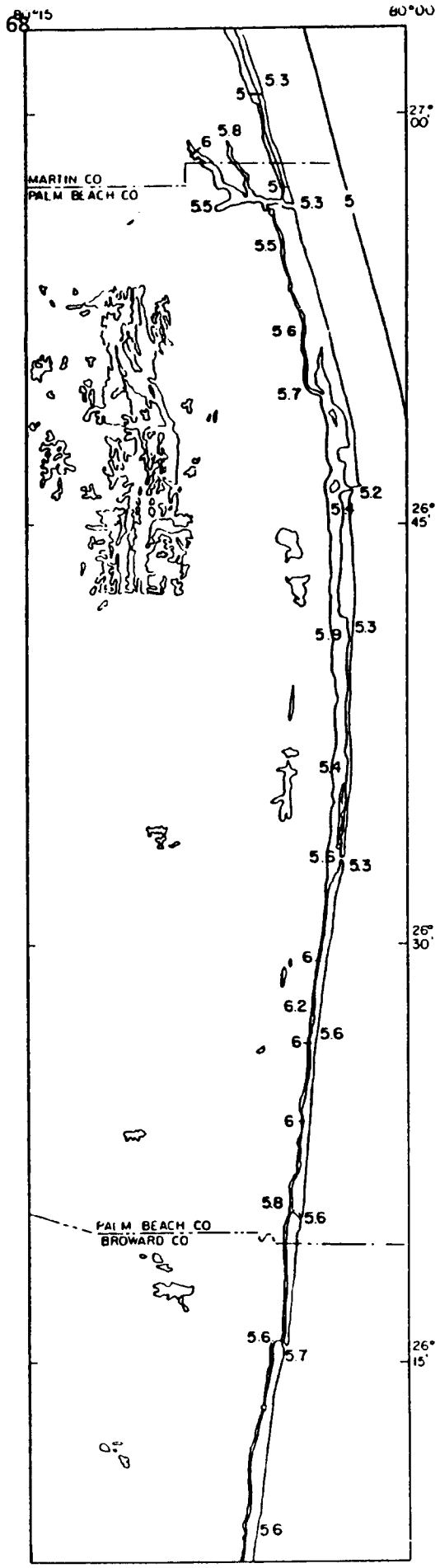

80°15'
MEOW - WNW - 12MPH - C5
INDIAN RIVER CO
ST. LUCIE CO
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

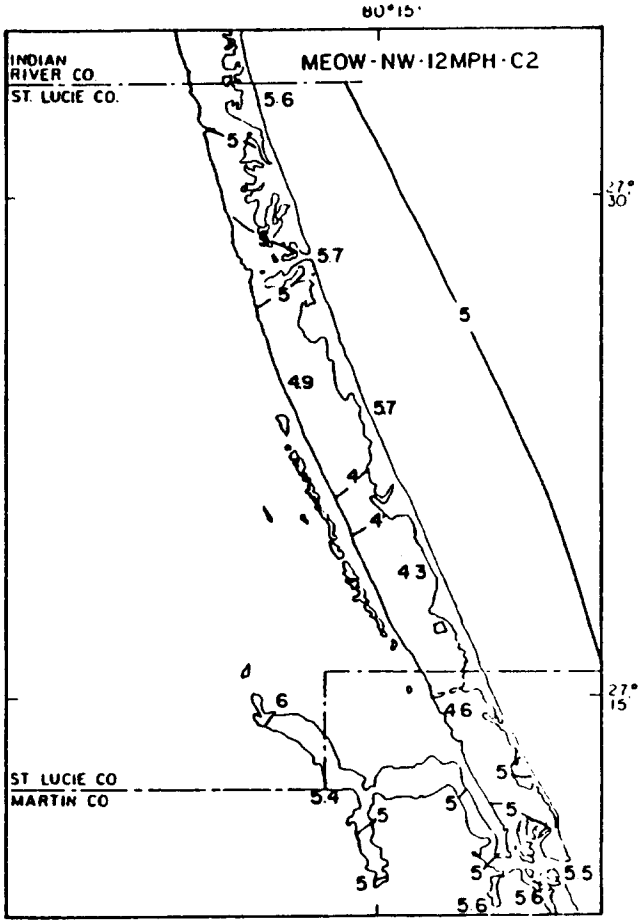

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

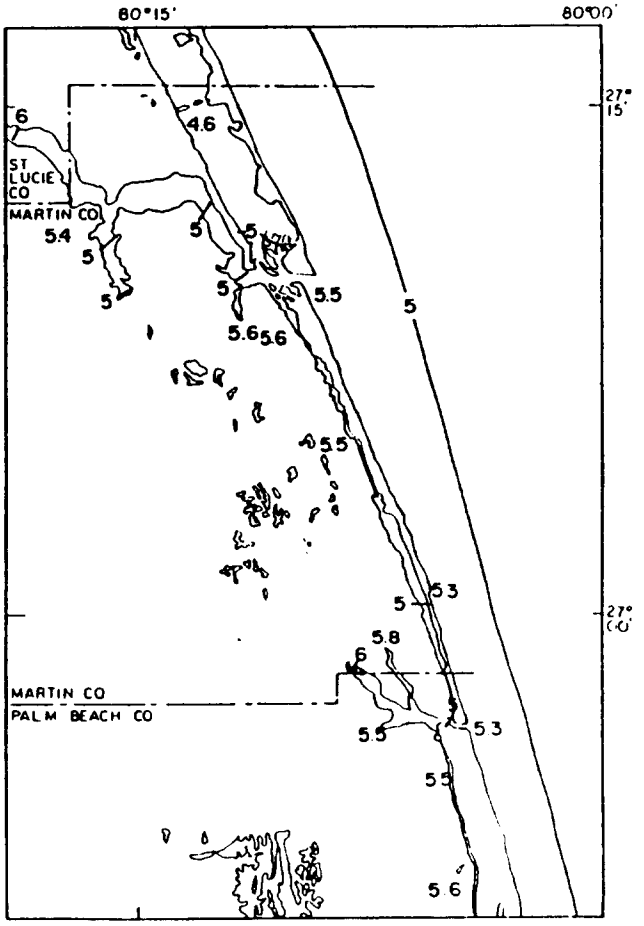

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

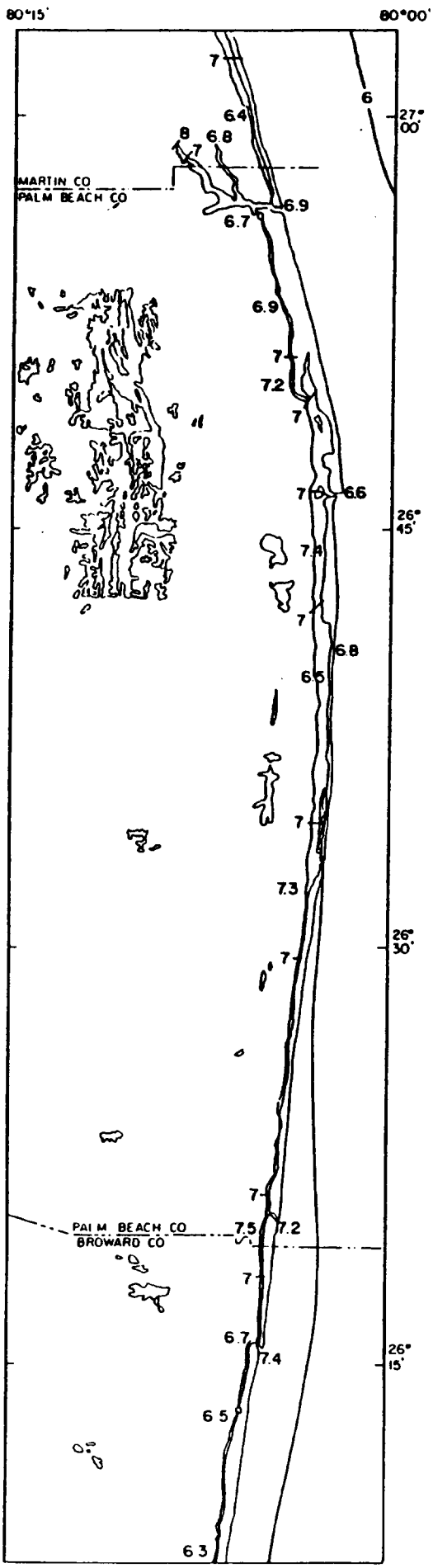

80°15'
MEOW-NW-12MPH-CI
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

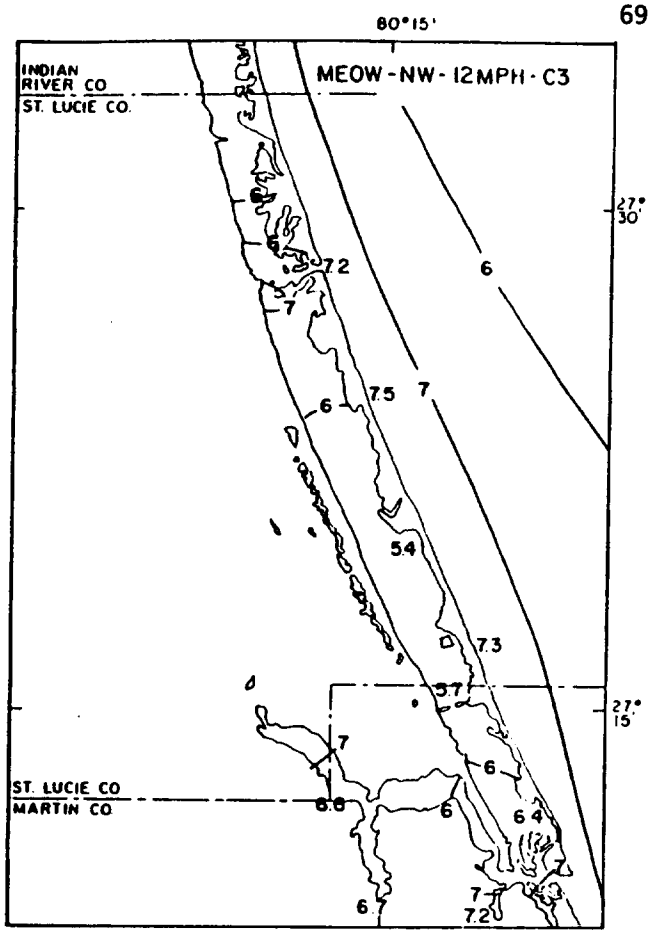

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

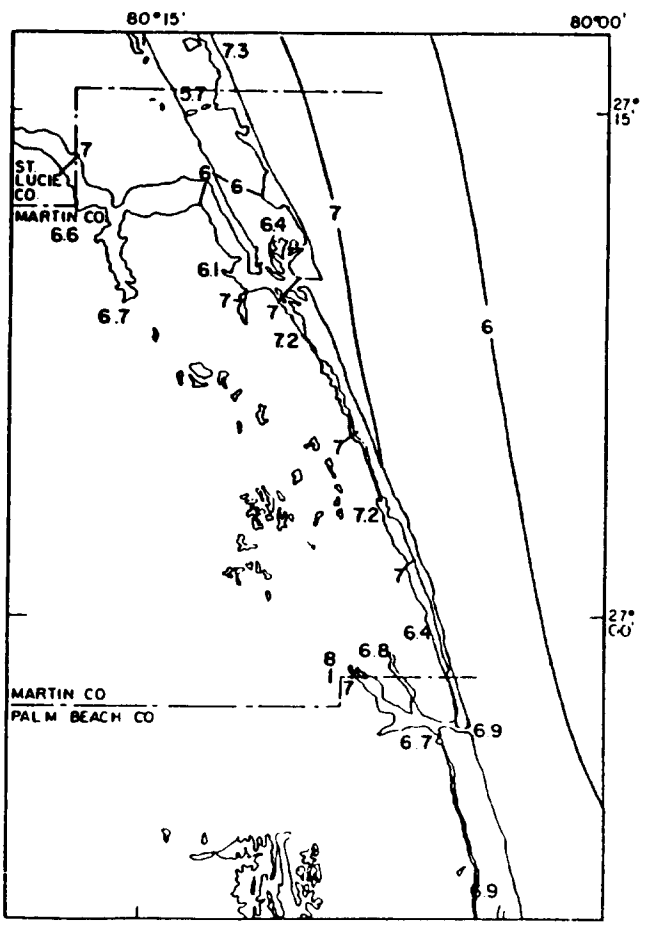

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

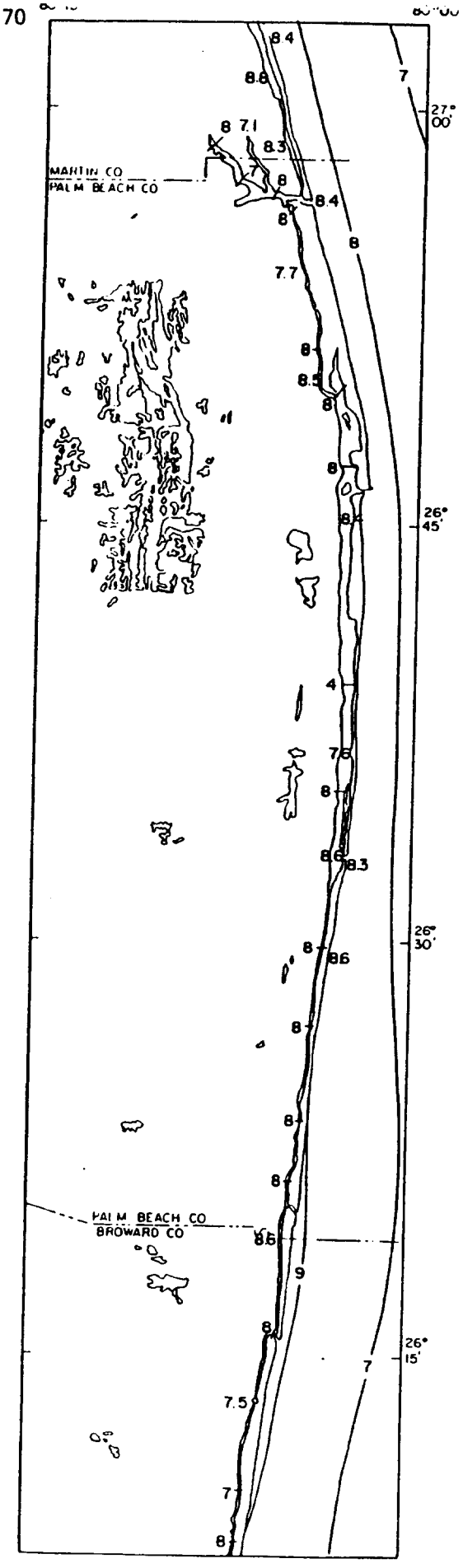

80°15'
MEOW-NW-12MPH-C2
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

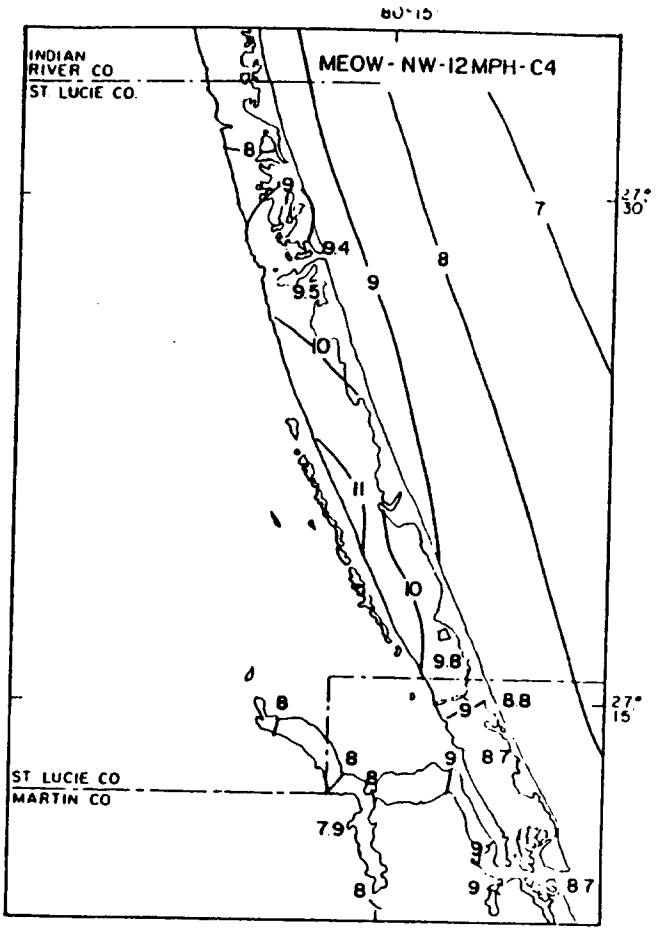

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

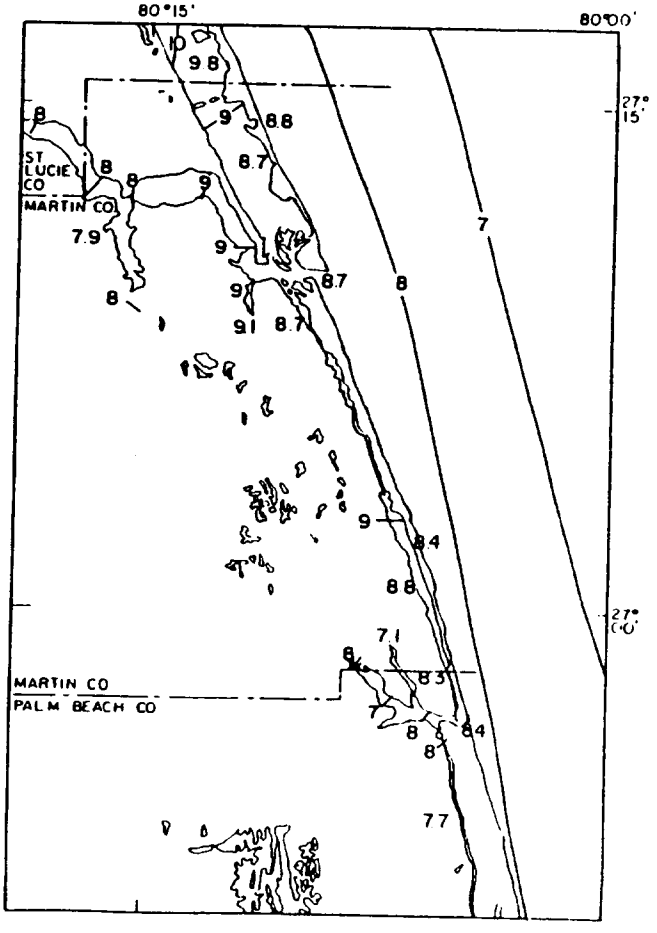

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

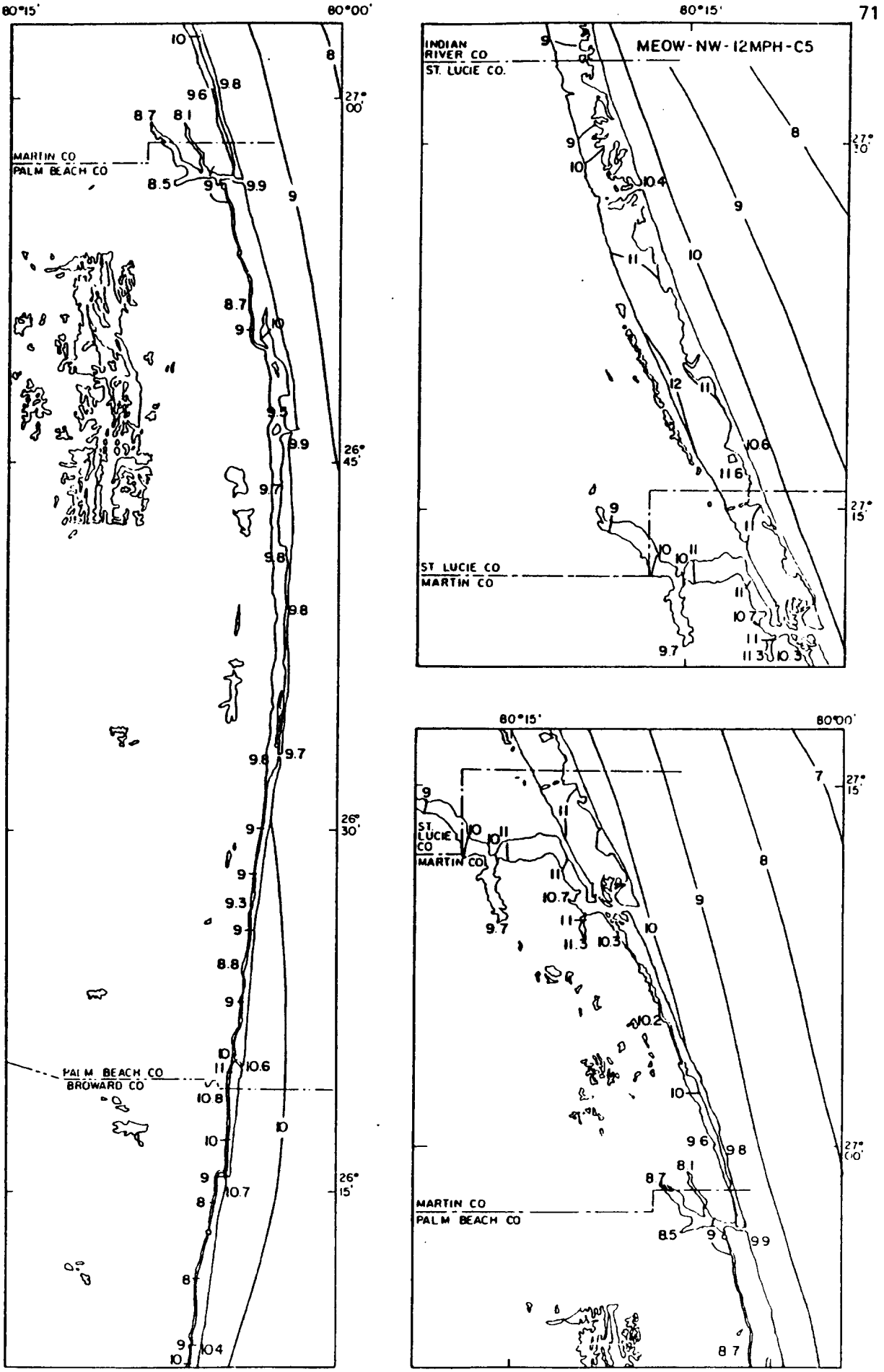

80°15'
MEOW - NW - 12MPH - C3
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST. LUCIE CO
MARTIN CO

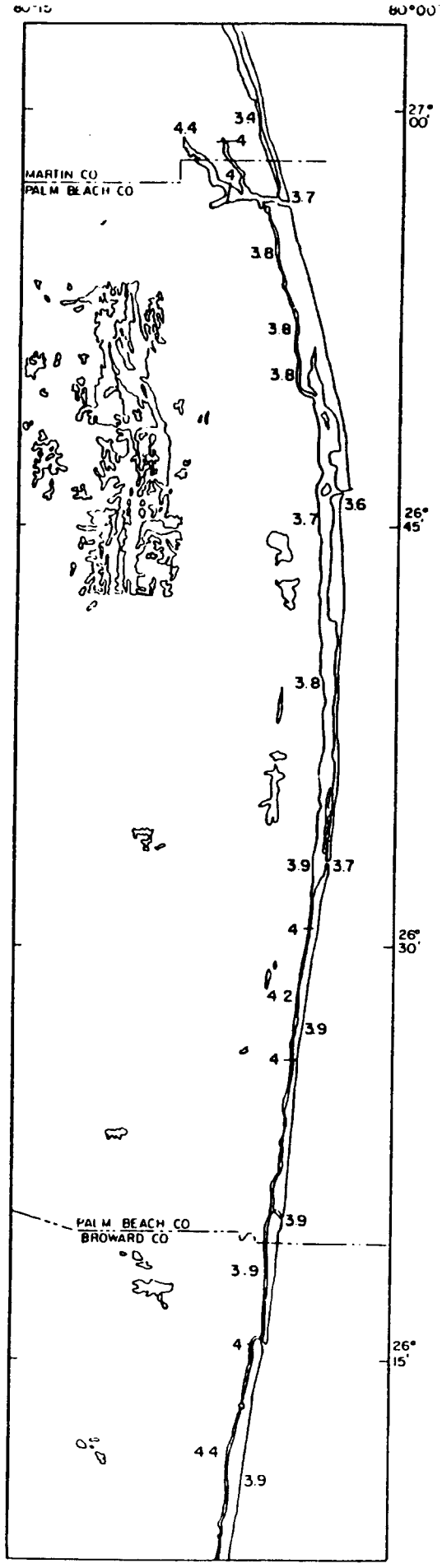

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO.
MARTIN CO.
MARTIN CO
PALM BEACH CO

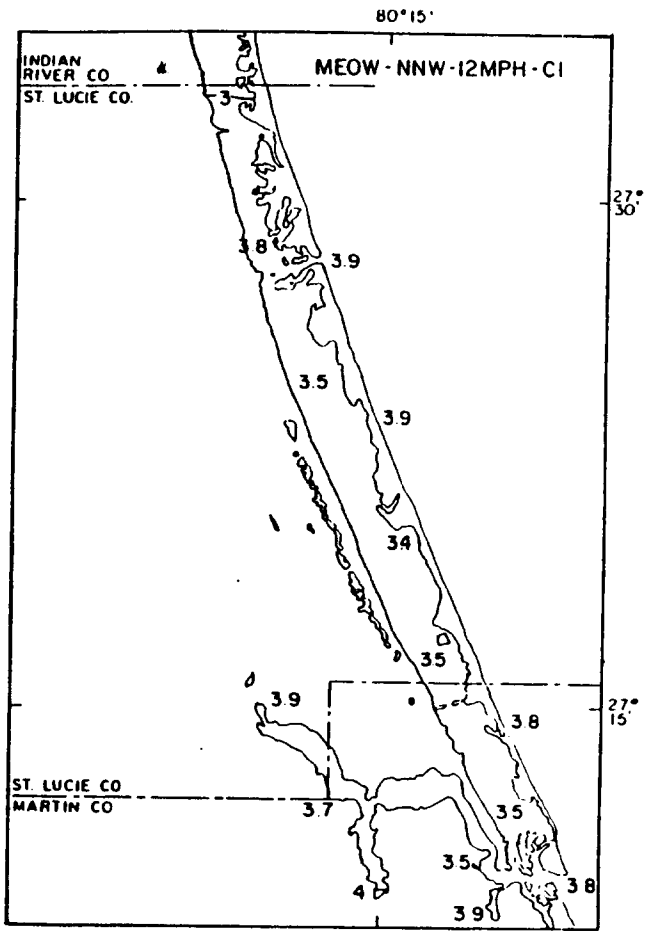

MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
27° 00'
26° 45'
26° 30'
26° 15'

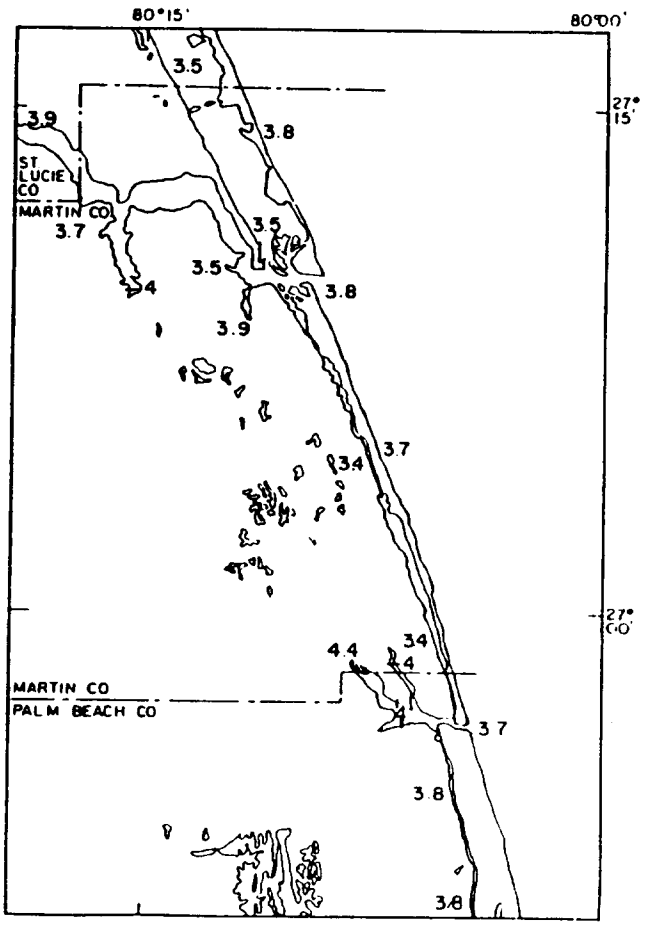

INDIAN RIVER CO
ST LUCIE CO.
MEOW - NW - 12MPH - C4
ST LUCIE CO
MARTIN CO
27° 30'
27° 15'

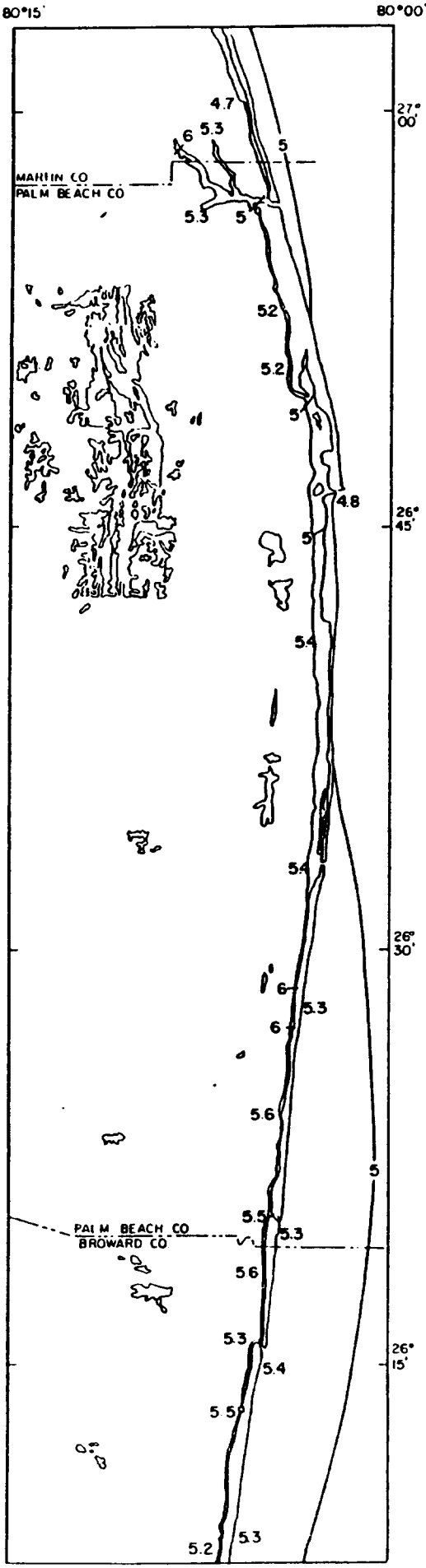

80°15'
80°00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO
27° 15'
27° 00'

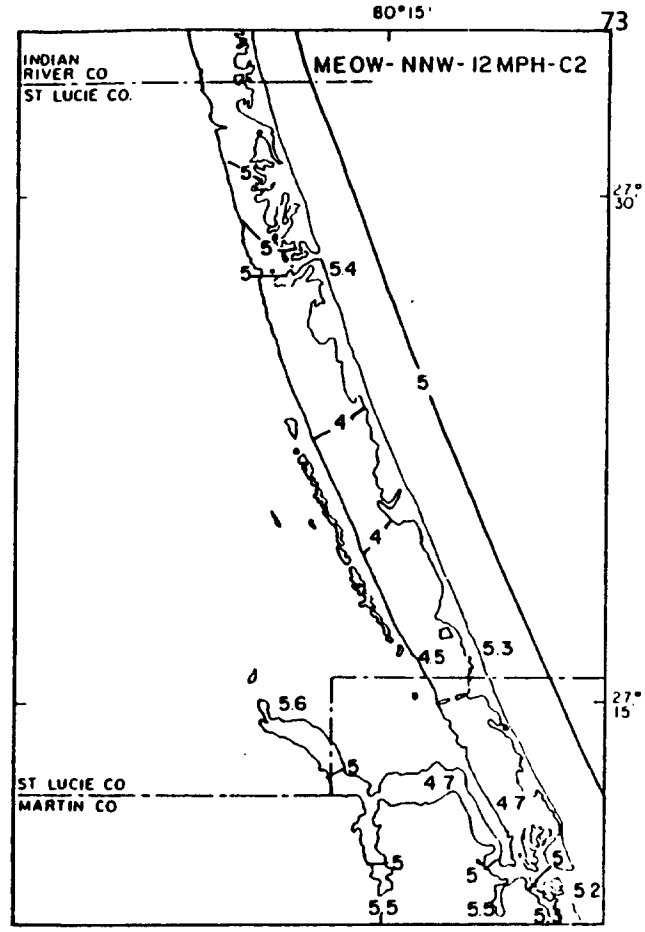

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST. LUCIE CO.
MEOW-NW-12MPH-C5
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

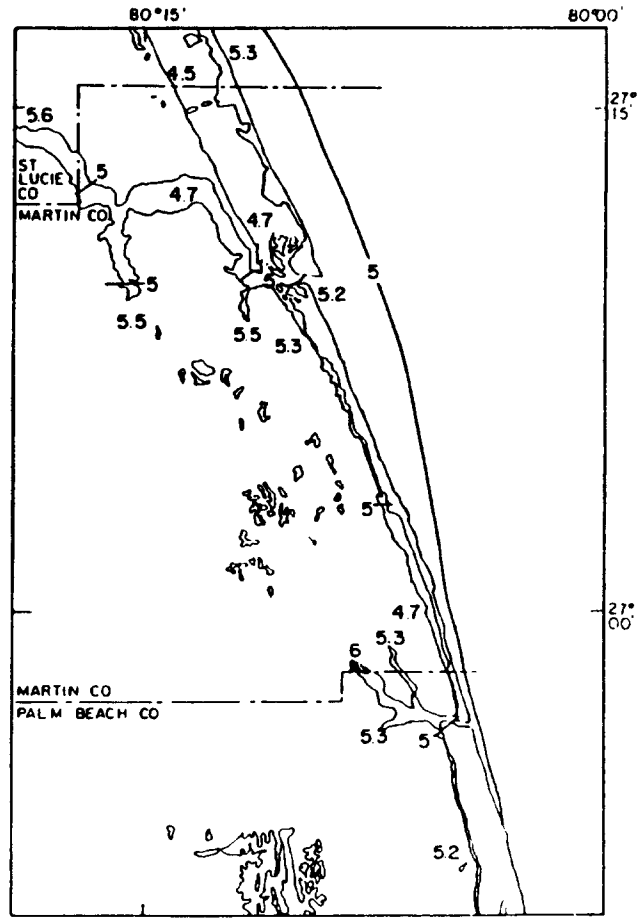

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
4.4
3.4
4
4
3.7
3.8
3.8
3.8
3.6
3.7
3.8
3.9
3.7
4
4.2
3.9
4
3.9
3.9
4
4.4
3.9

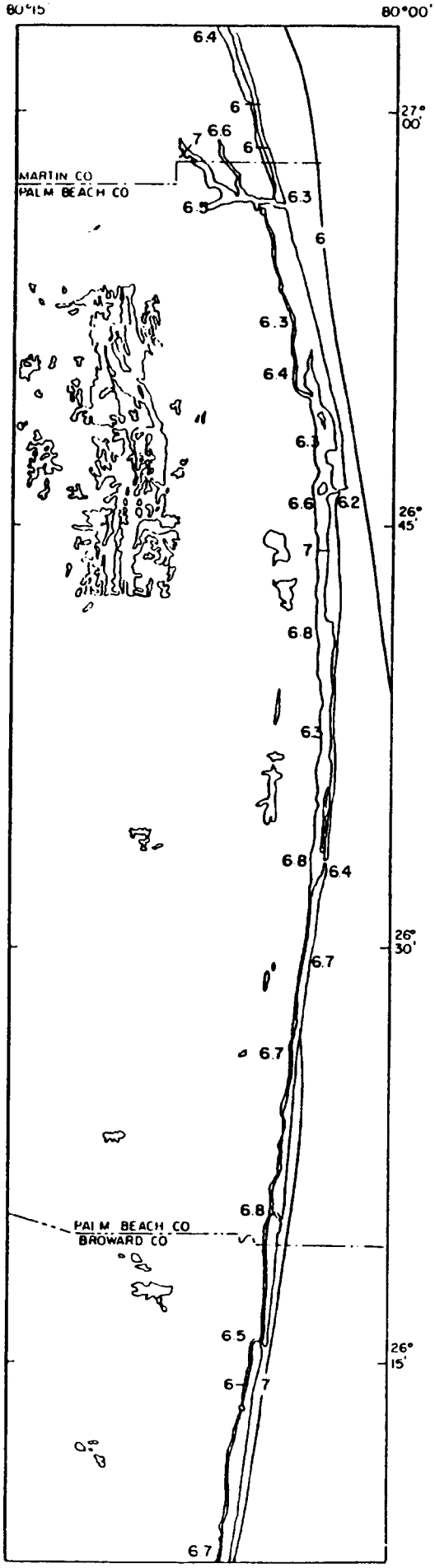

80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - NNW - 12MPH - CI
27° 30'
27° 15'
3
3.8
3.9
3.5
3.9
3.4
3.5
3.9
3.8
ST. LUCIE CO
MARTIN CO
3.7
3.5
3.5
3.8
4
3.9

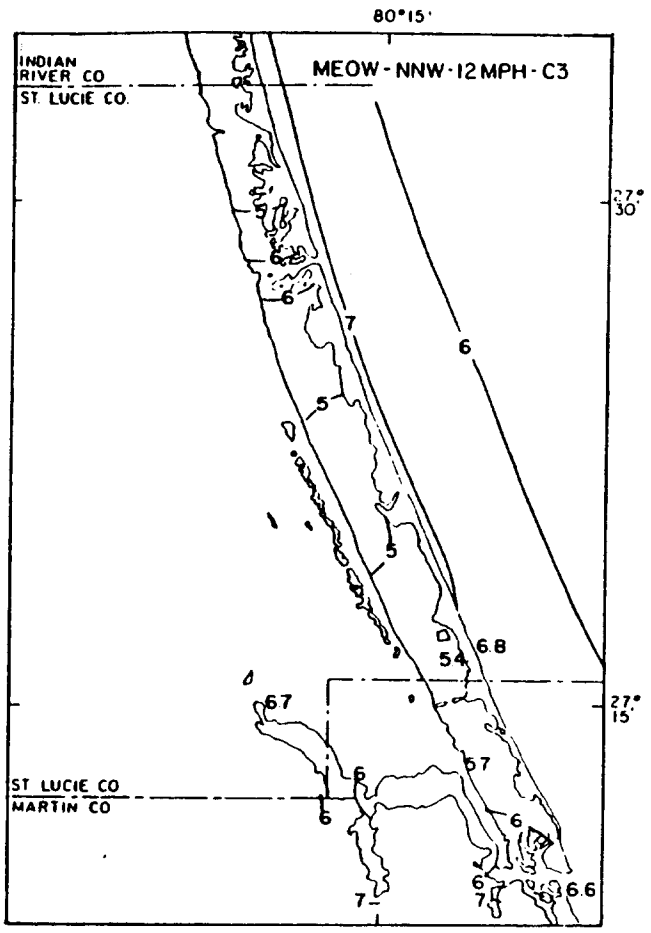

80°15'
80°00'
27° 15'
27° 00'
3.5
3.9
3.8
ST. LUCIE CO
MARTIN CO
3.7
3.5
3.5
4
3.8
3.9
3.7
3.4
4.4
3.4
4
MARTIN CO
PALM BEACH CO
3.7
3.8
3.8

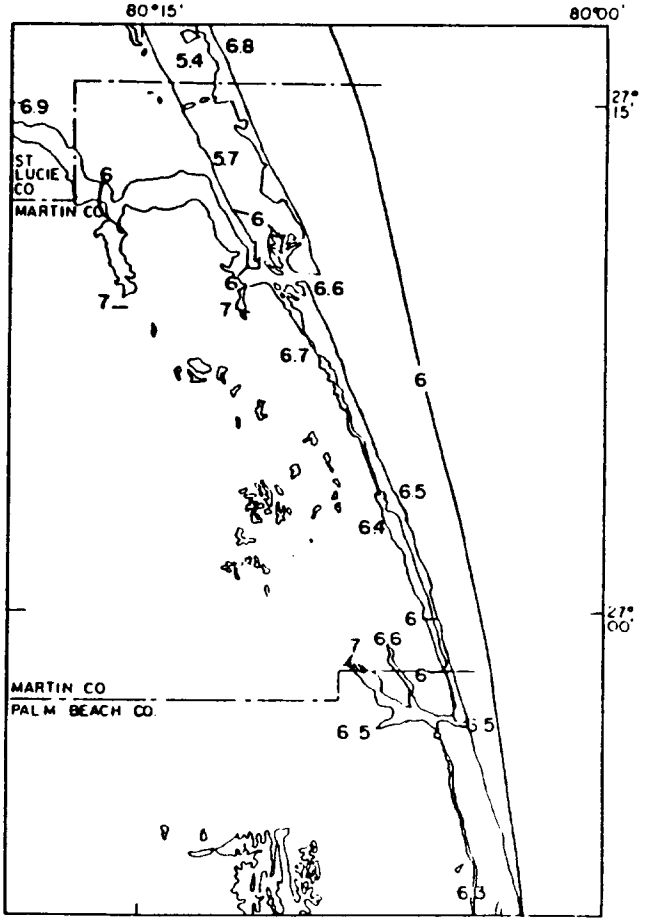

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
4.7
6
5.3
5
5.3
5
5.2
5.2
5
4.8
5
5.4
5.4
6
5.3
6
5.6
5
5.5
5.3
5.6
5.3
5.4
5.5
5.2
5.3

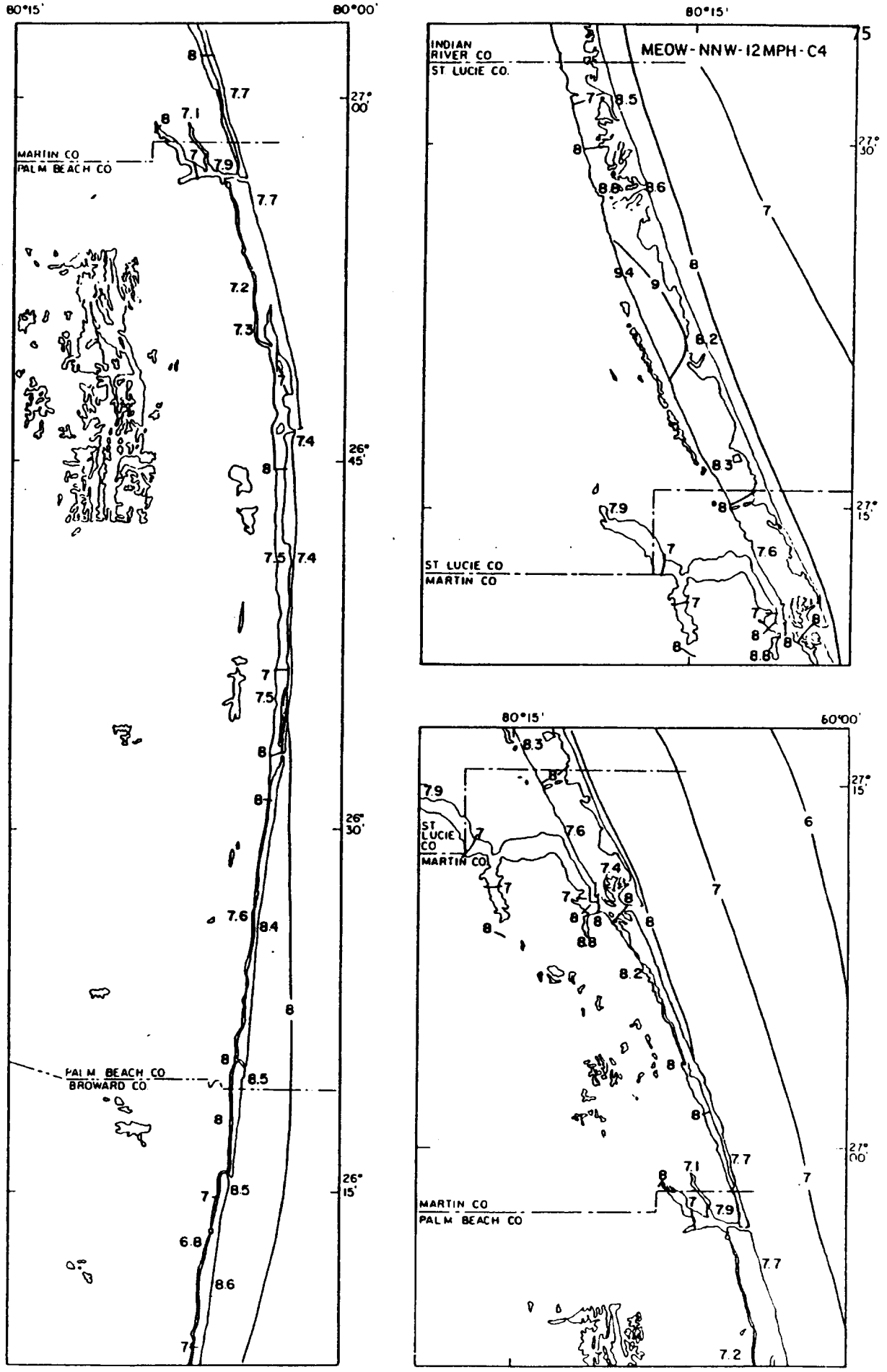

80°15'
MEOW- NNW- 12 MPH- C2
INDIAN RIVER CO
ST LUCIE CO.
27° 30'
27° 15'
5
5
5.4
5
4
4
4.5
5.3
5.6
5
4.7
4.7
ST LUCIE CO
MARTIN CO
5
5
5.5
5.5
5
5.2

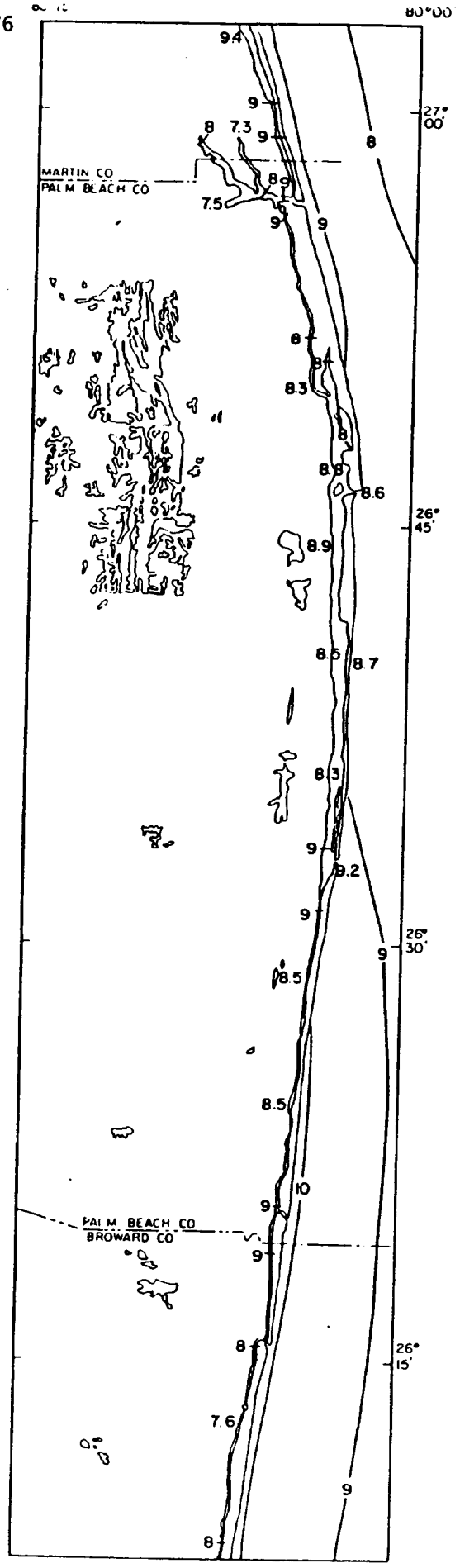

80°15'
80°00'
27° 15'
27° 00'
5.3
4.5
5.6
ST LUCIE CO
5
4.7
MARTIN CO
4.7
5
5
5.2
5.5
5.5
5.3
5
4.7
5.3
6
MARTIN CO
PALM BEACH CO
5.3
5
5.2

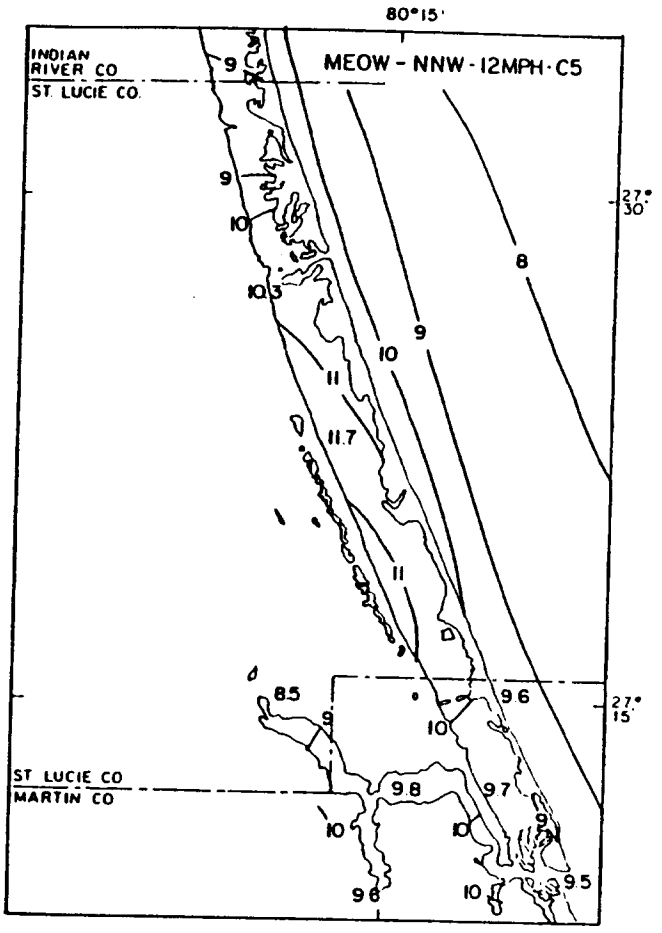

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

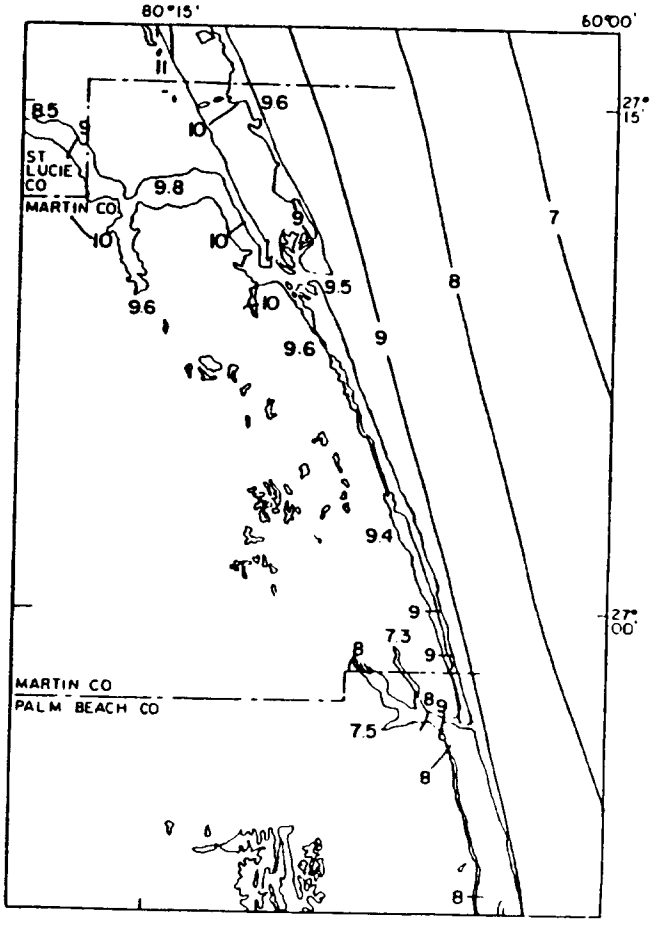

80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - NNW - 12 MPH - C3
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

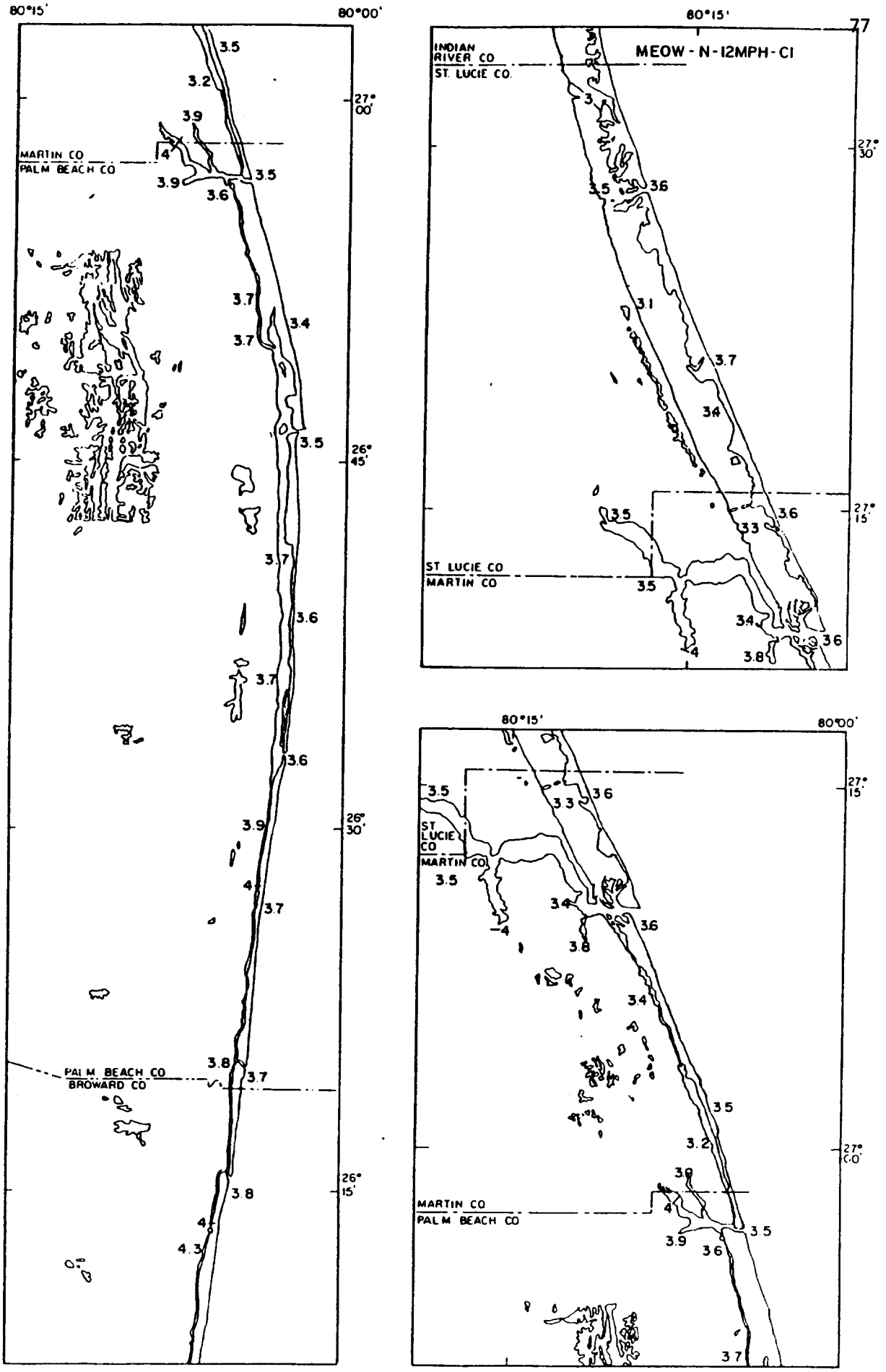

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO.

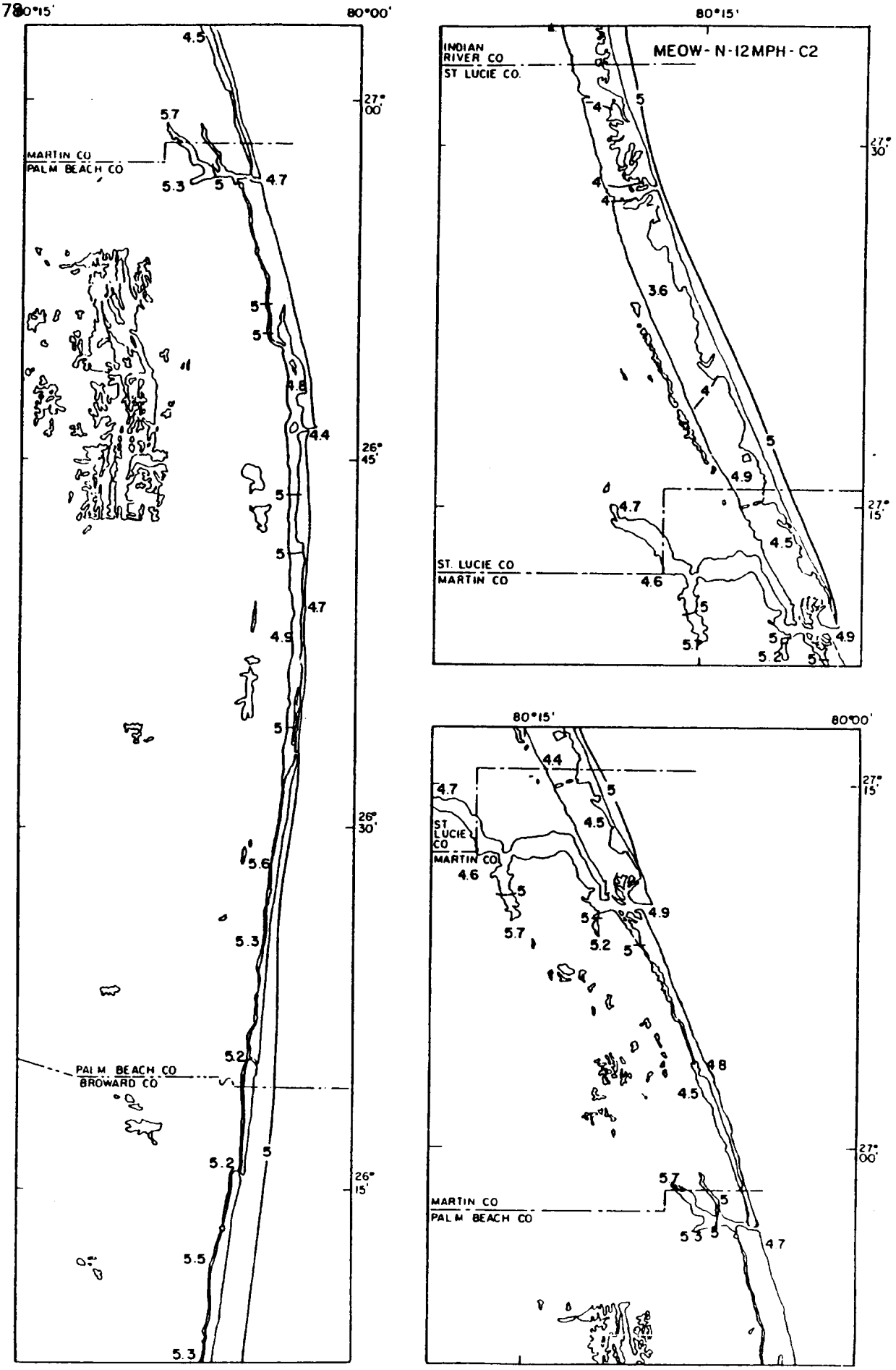

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW-NNW-12MPH-C4
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
ST LUCIE CO
MARTIN CO
27° 00'
MARTIN CO
PALM BEACH CO

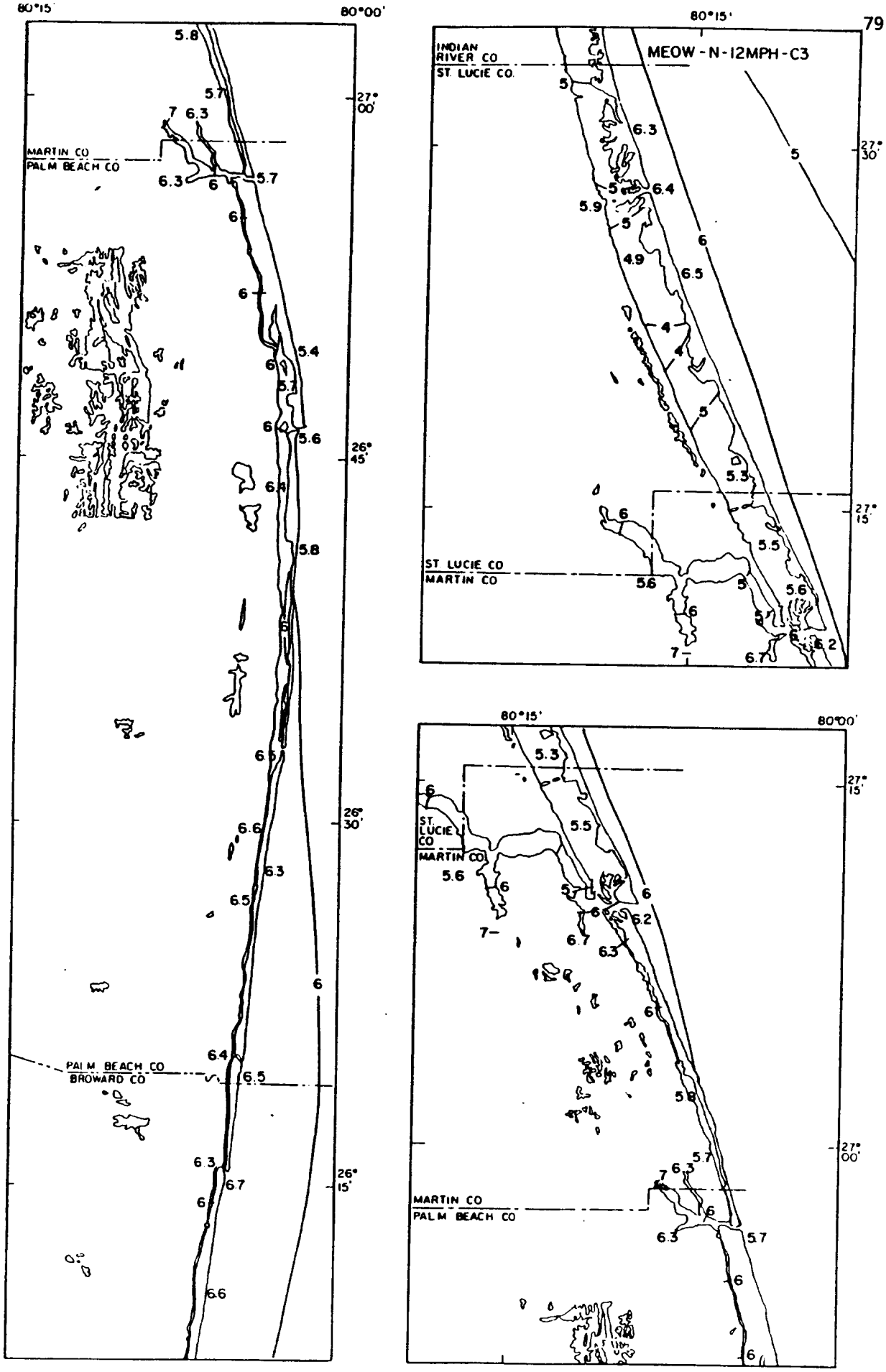

80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

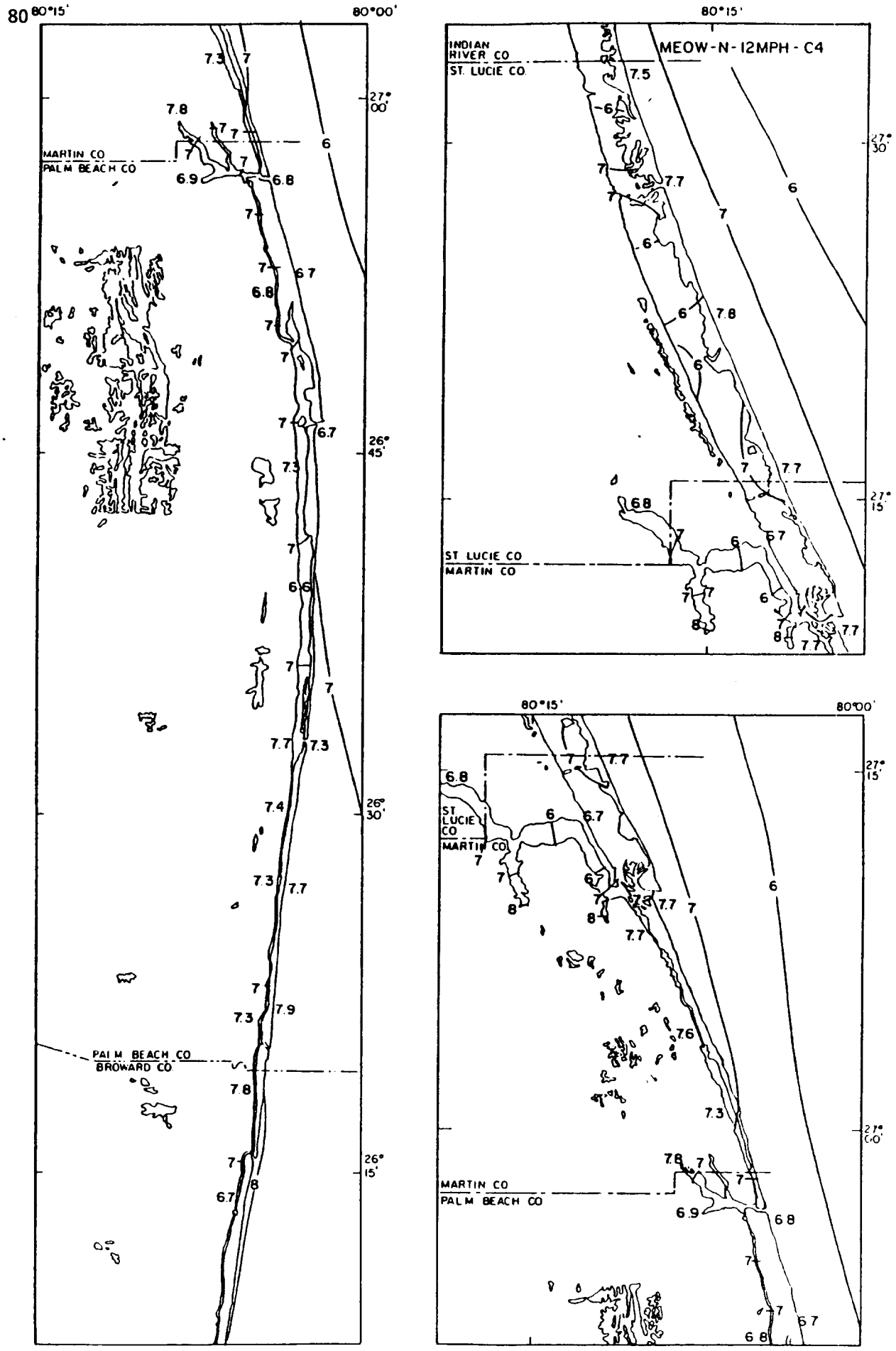

80°15'
MEOW - NNW - 12MPH - C5
INDIAN RIVER CO
ST. LUCIE CO
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

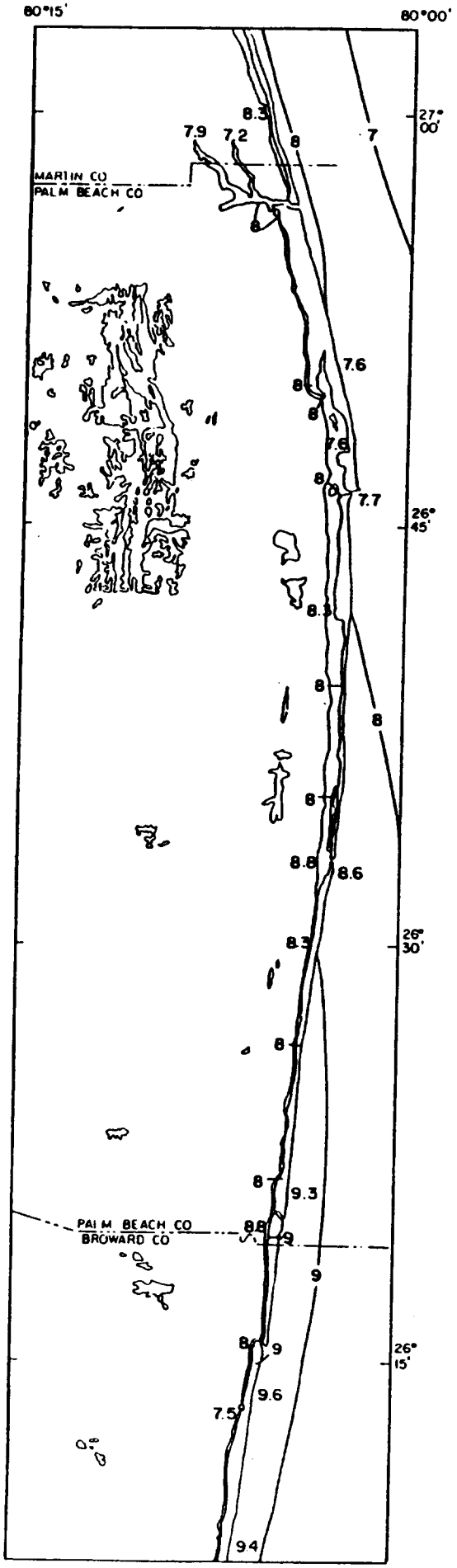

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

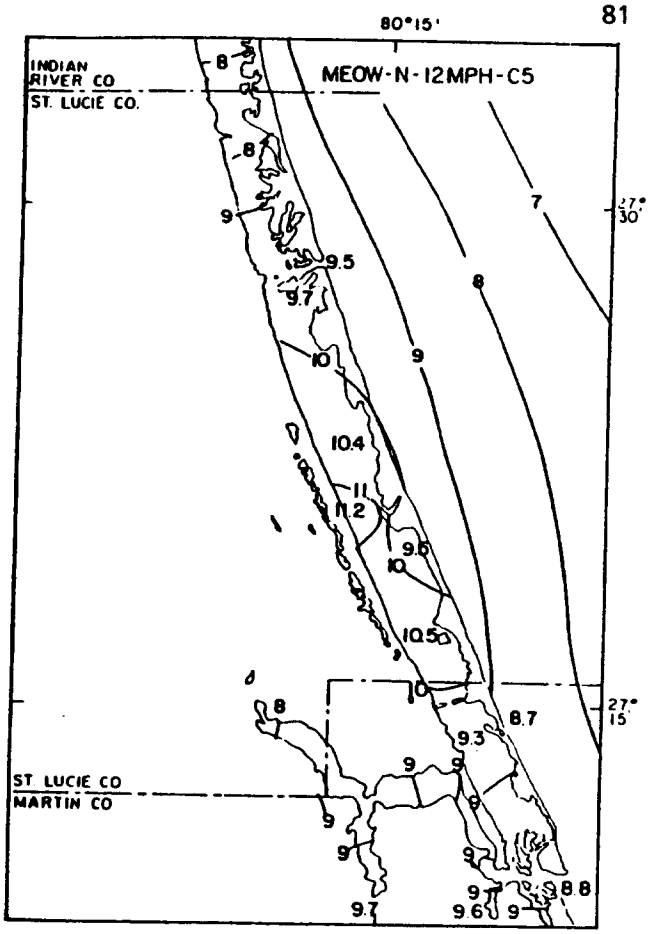

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
3.5
3.2
3.9
4
3.9
3.5
3.6
3.7
3.7
3.4
3.5
3.7
3.6
3.7
3.6
3.9
4
3.7
3.8
3.7
3.8
4
4.3
80°15'
77
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - N - 12MPH - CI
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
3
3.5
3.6
3.1
3.7
3.4
3.5
3.3
3.6
3.5
3.4
3.6
4
3.8
80°15'
80°00'
27° 15'
27° 00'
3.5
3.3
3.6
ST. LUCIE CO
MARTIN CO
3.5
3.4
4
3.6
3.8
3.4
3.5
3.2
3.9
MARTIN CO
PALM BEACH CO
4
3.5
3.9
3.6
3.7

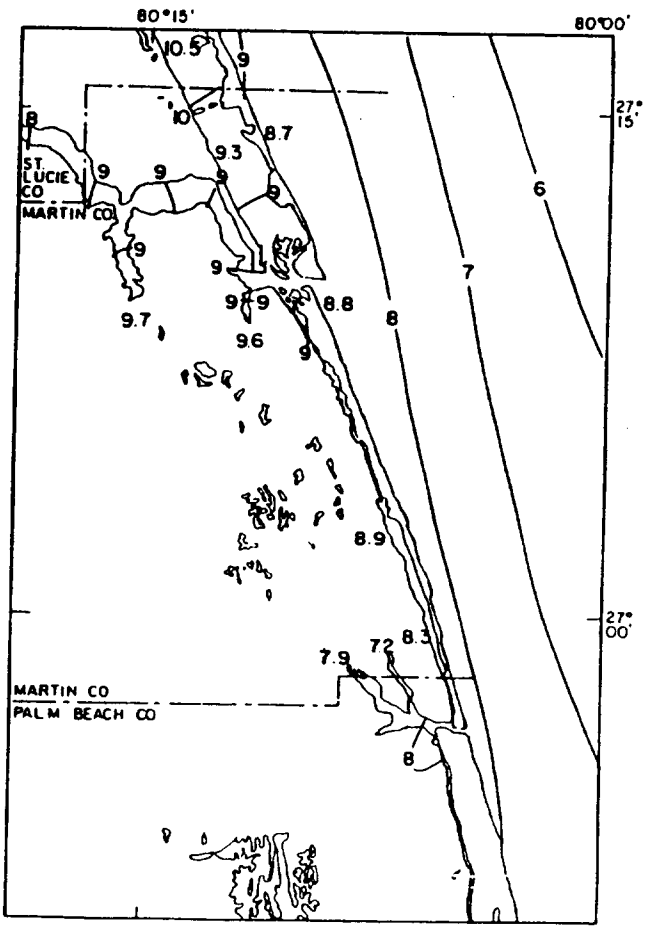

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST LUCIE CO.
MEOW - N - 12MPH - C2
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

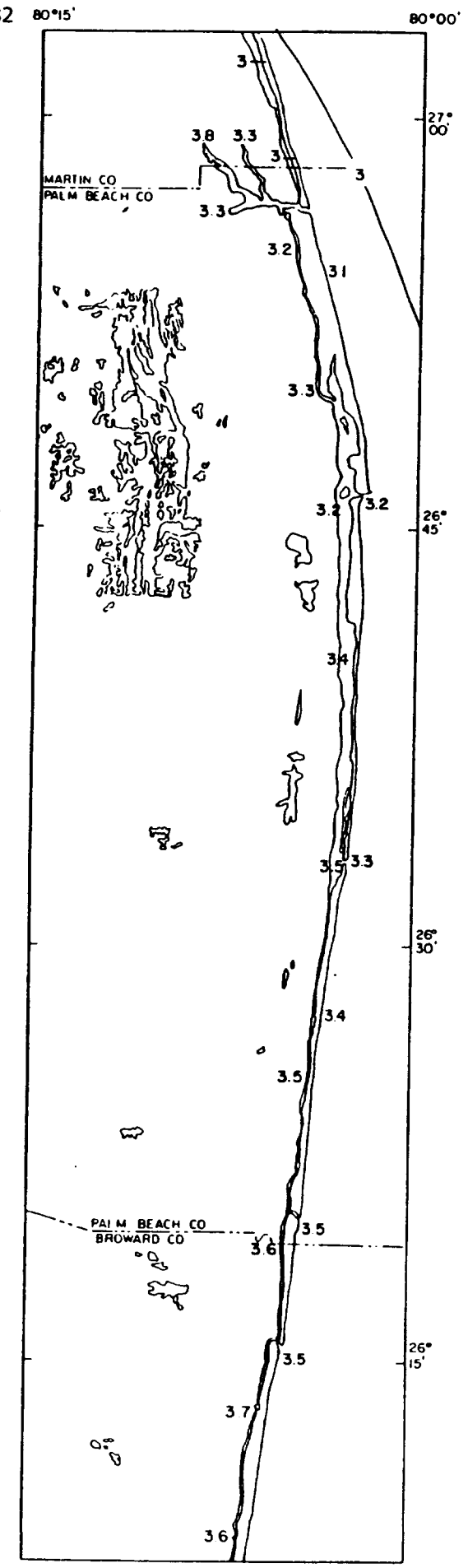

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
79
INDIAN RIVER CO
ST. LUCIE CO
MEOW - N - 12MPH - C3
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO
27° 00'

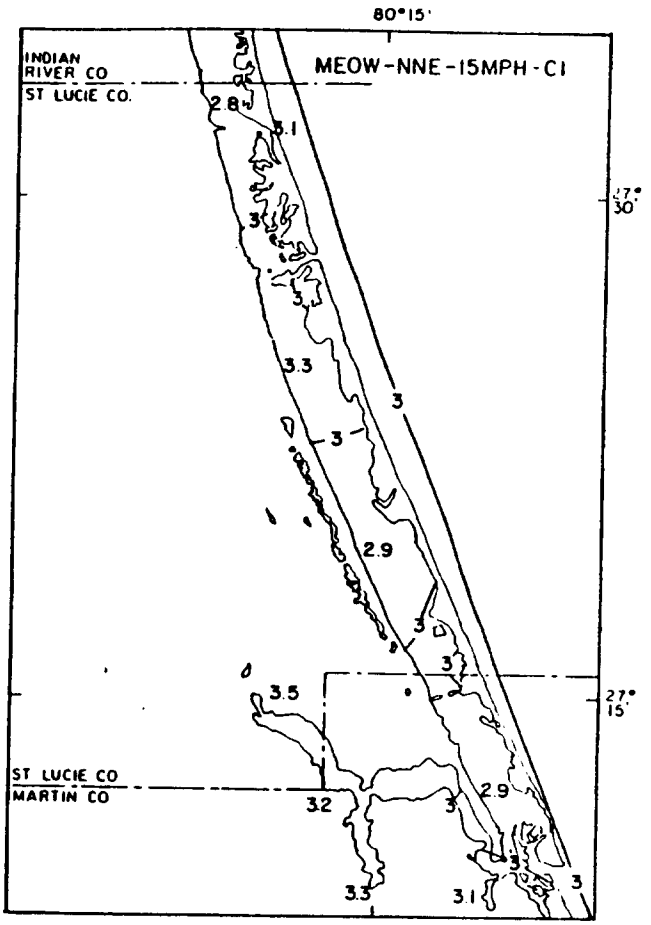

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST. LUCIE CO
MEOW-N-12MPH-C4
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
ST LUCIE CO
MARTIN CO
27° 15'
27° 00'
MARTIN CO
PALM BEACH CO

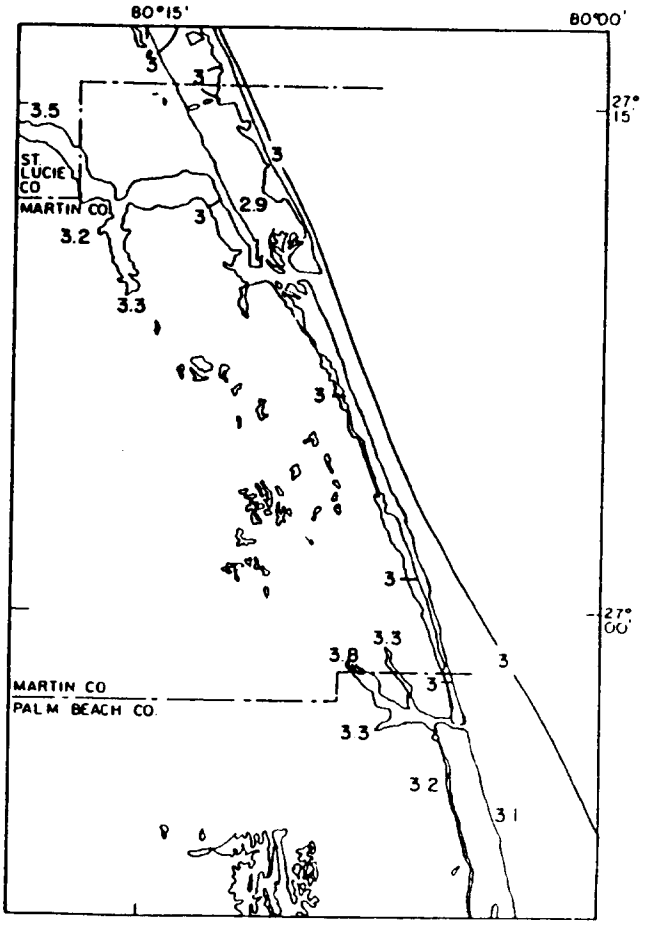

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

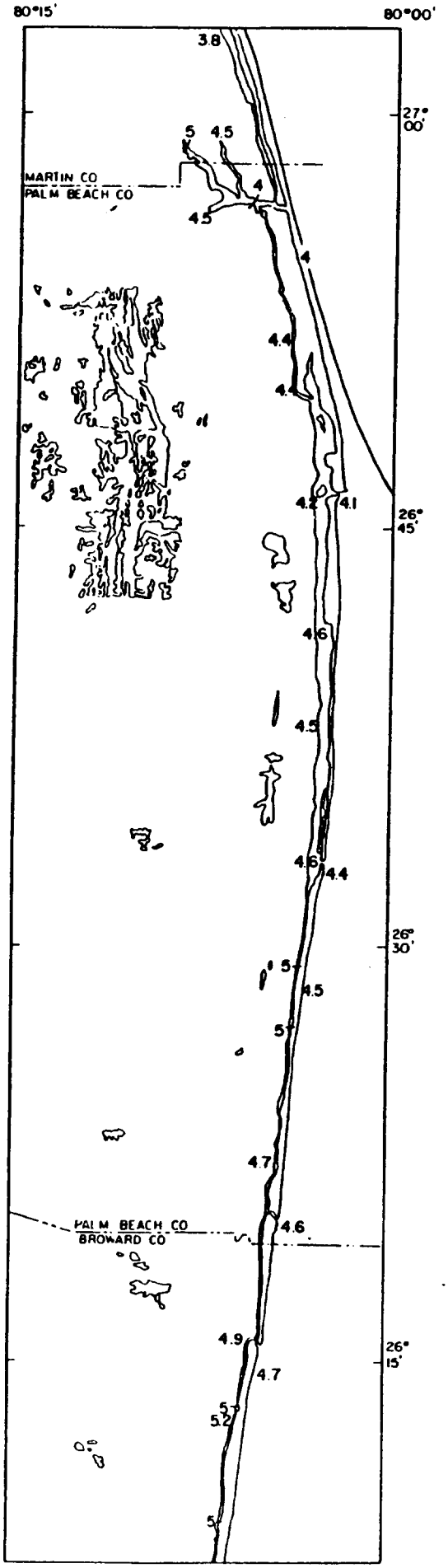

80°15'
MEOW-N-12MPH-C5
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

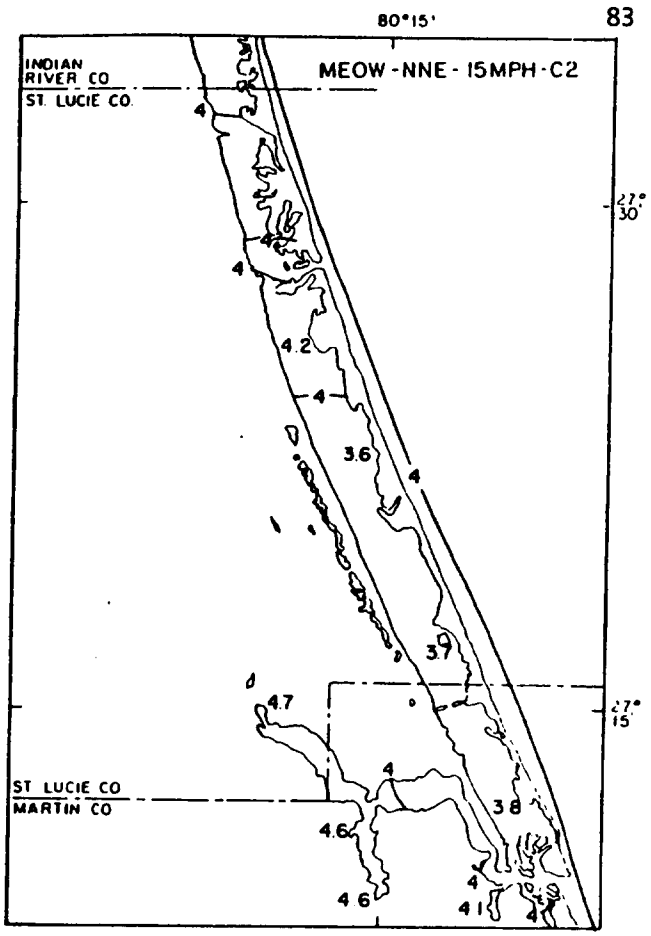

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

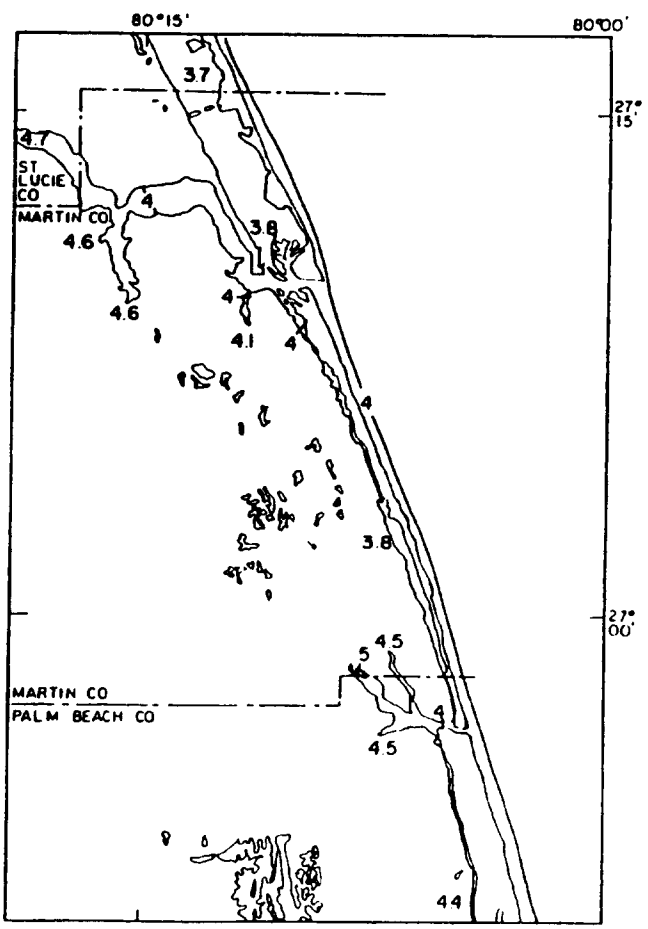

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

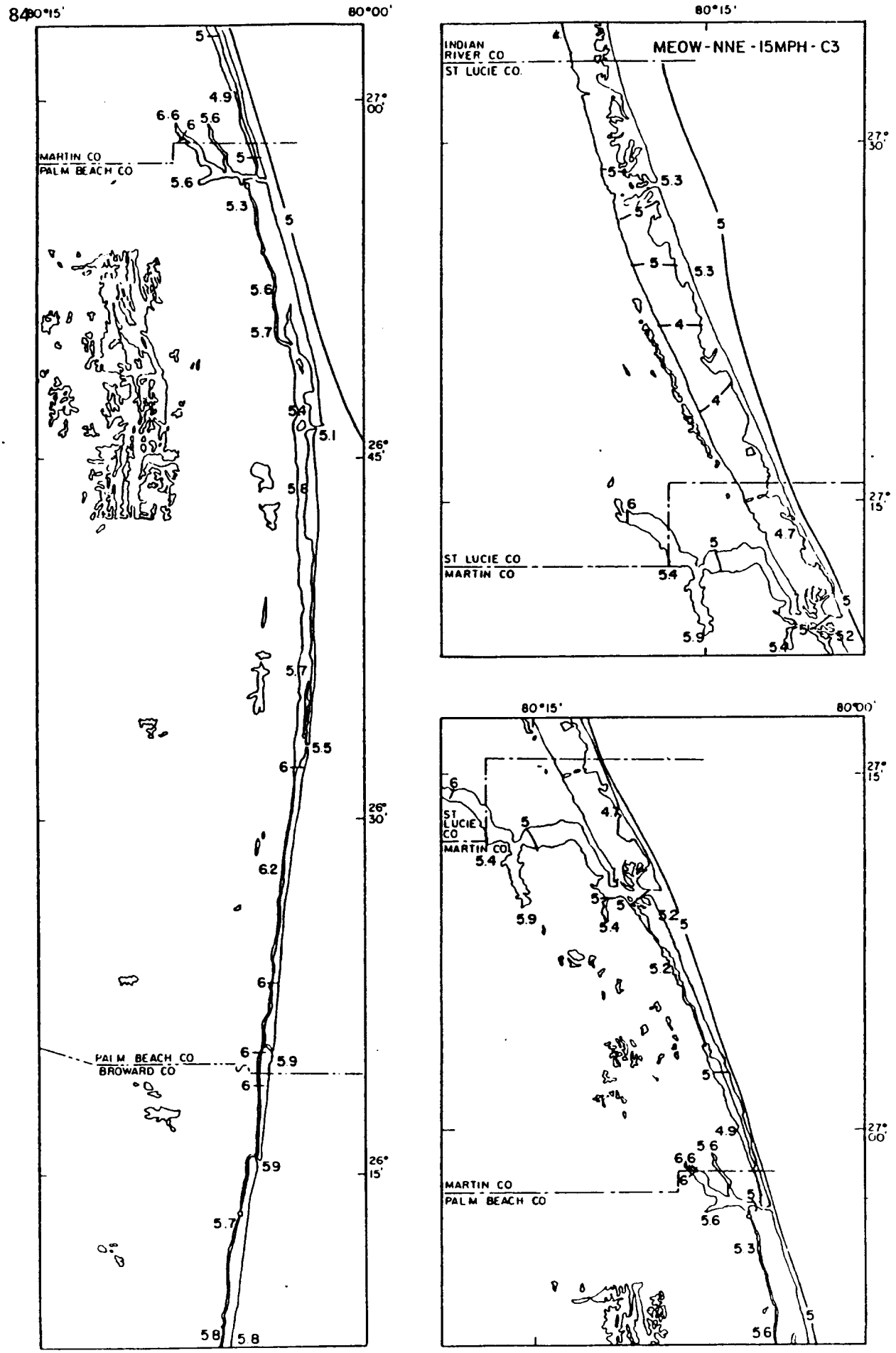

80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW-NNE-15MPH-C1
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

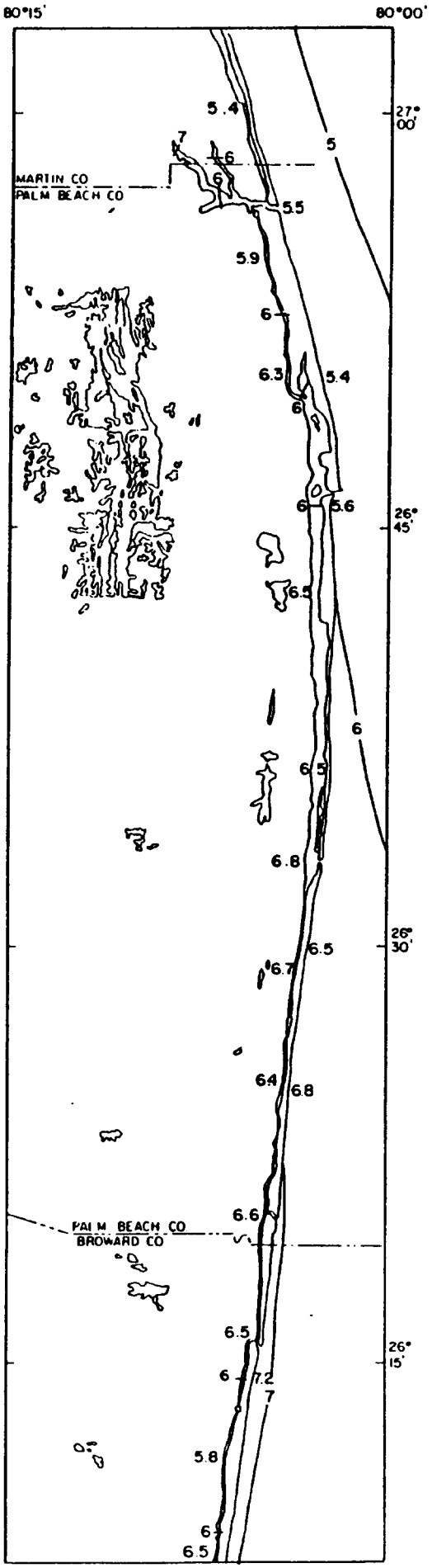

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO.

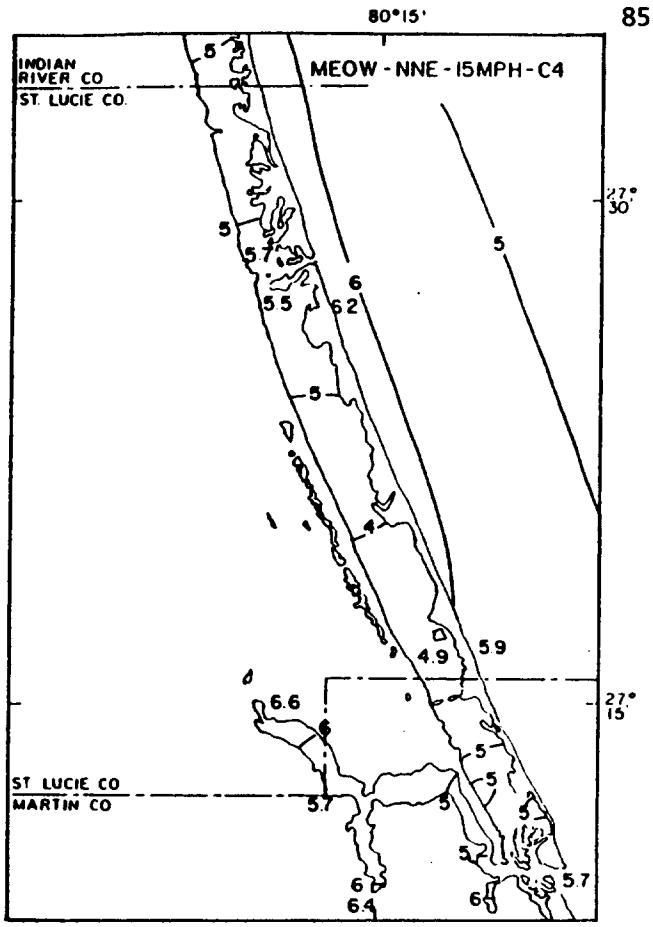

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

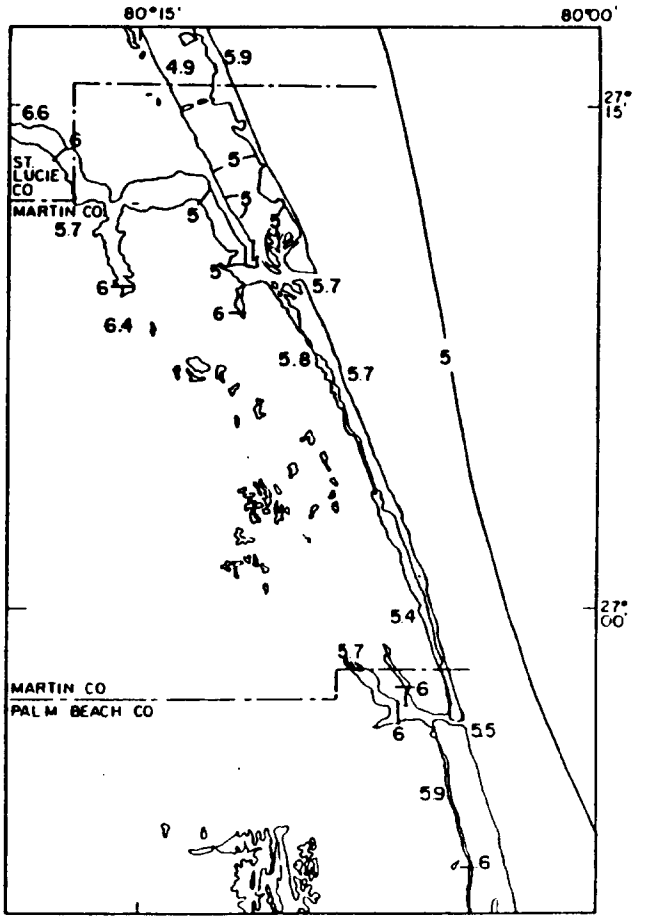

80°15'
MEOW - NNE - 15MPH - C2
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

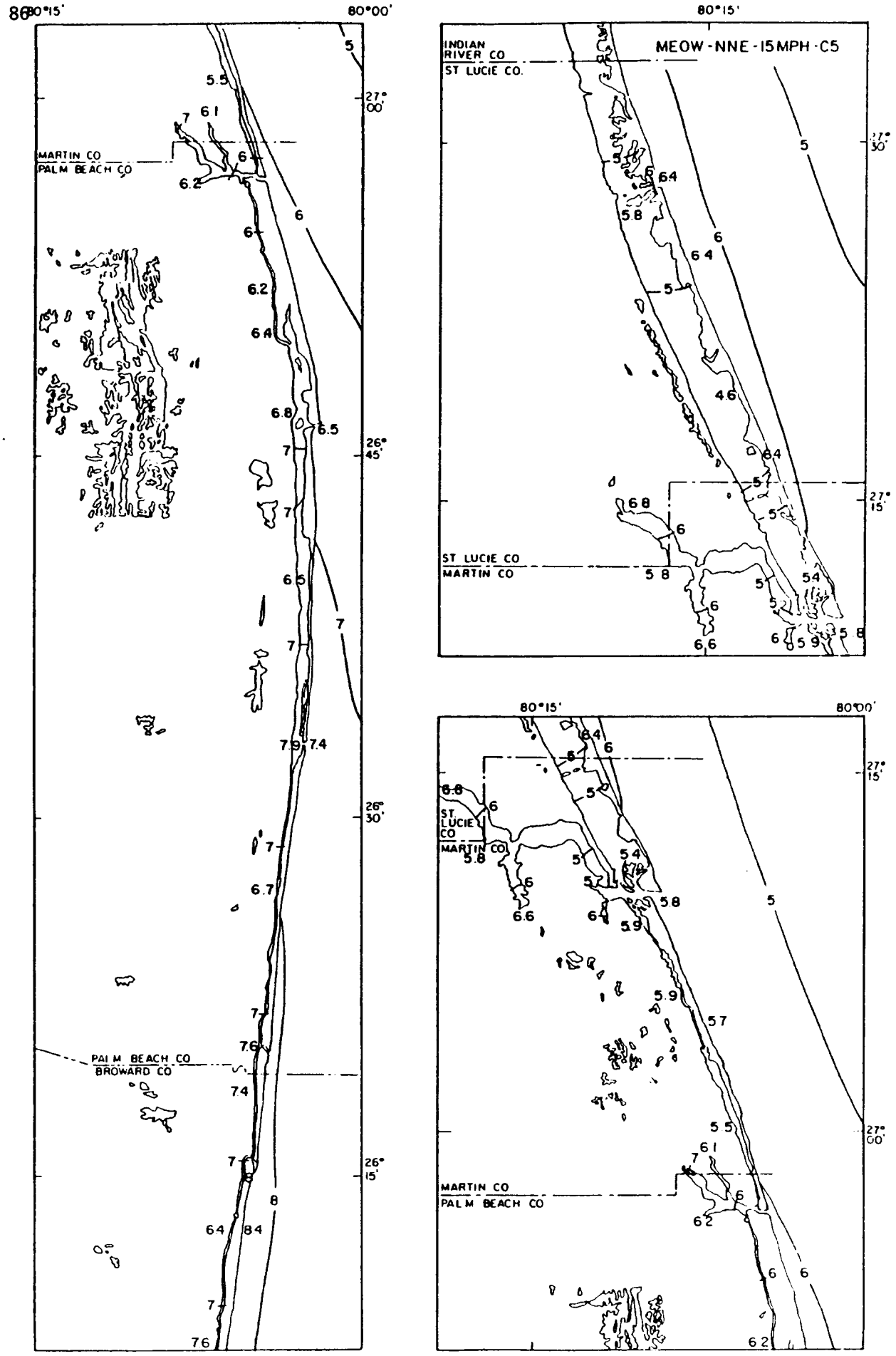

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

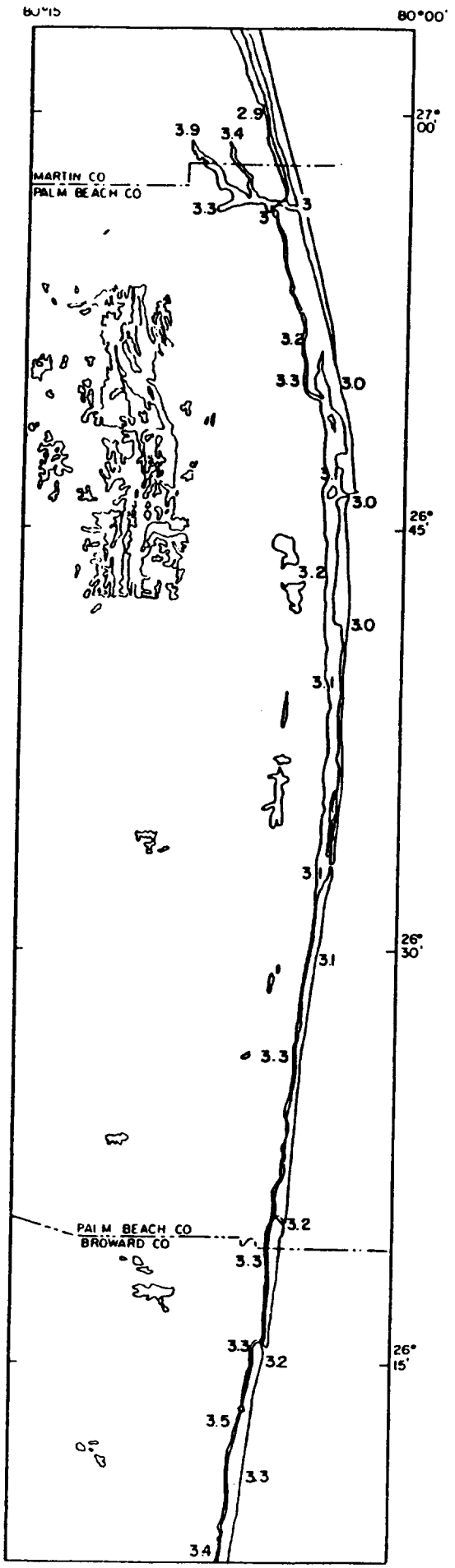

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST LUCIE CO.
MEOW - NNE - 15MPH - C3
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

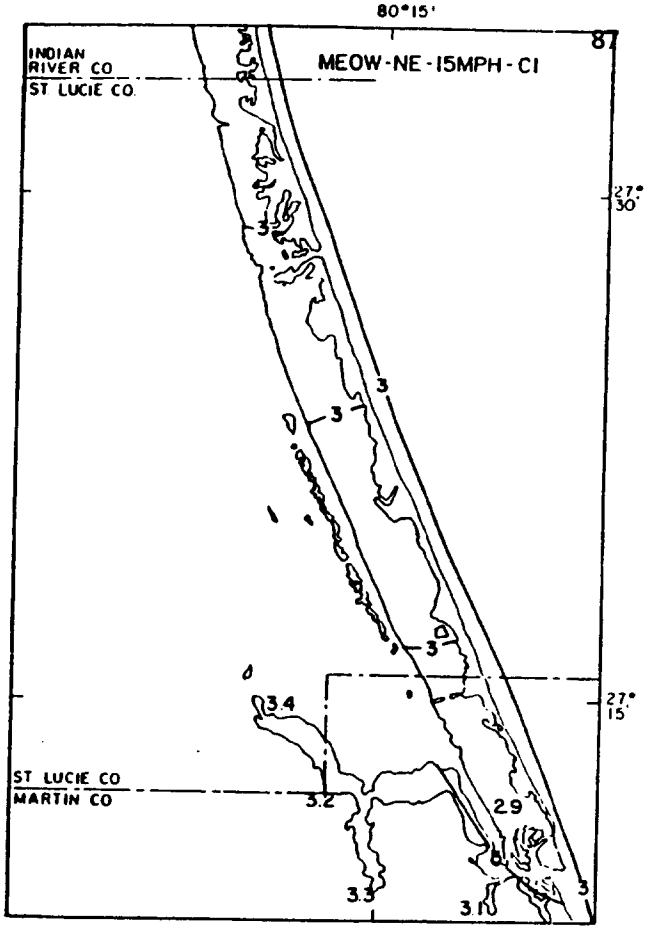

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

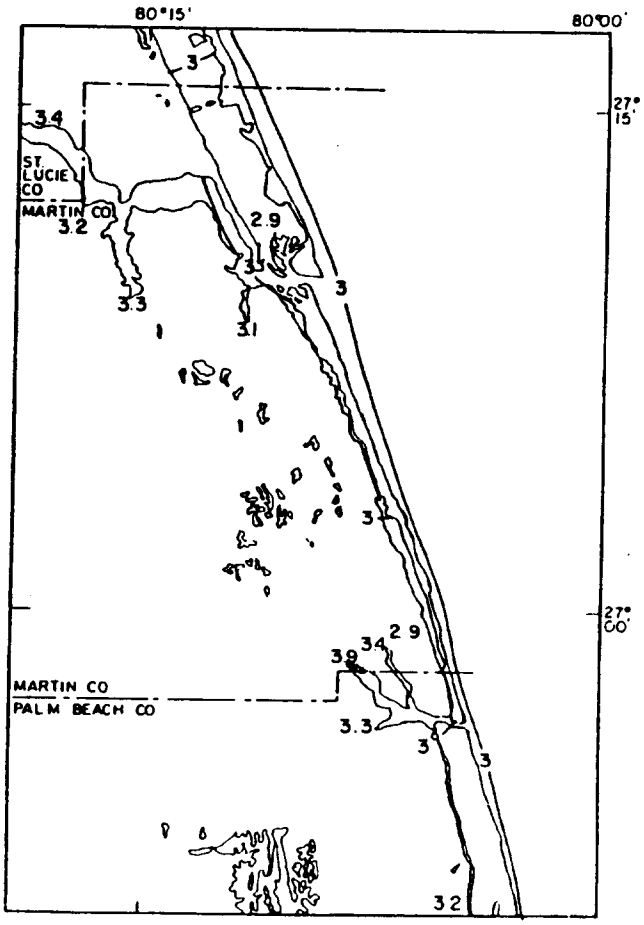

80°15'
MEOW - NNE - 15MPH - C4
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

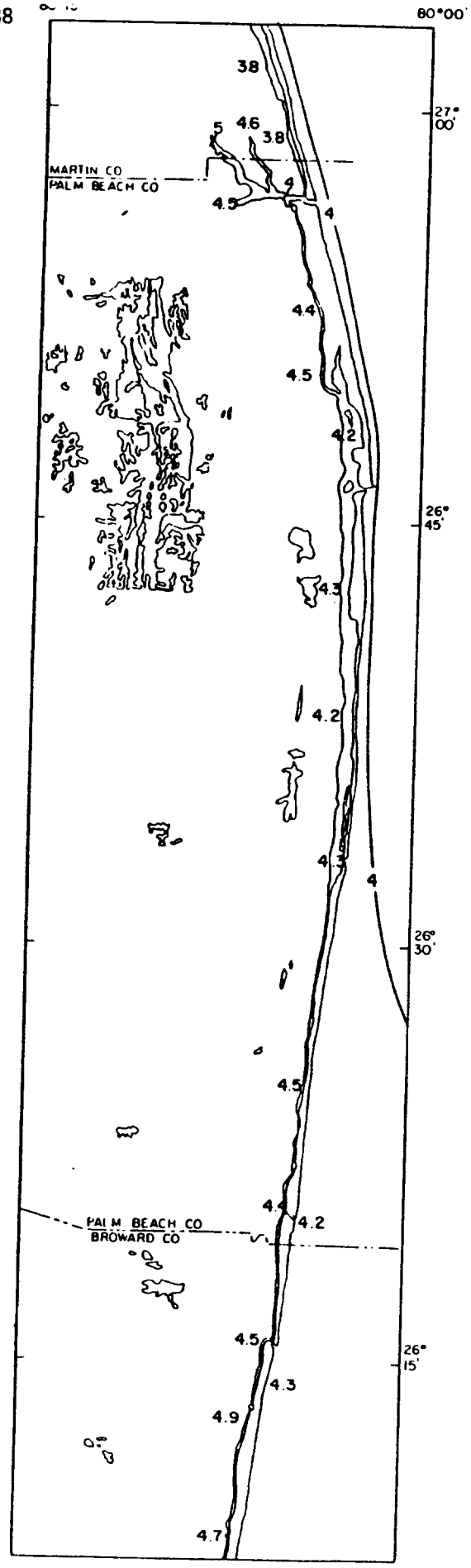

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

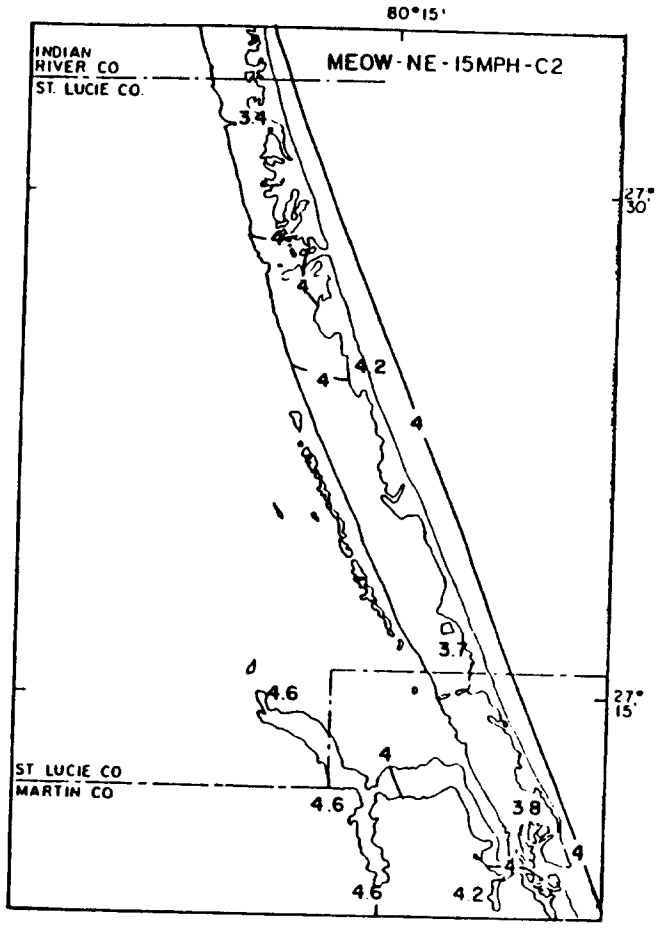

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW - NNE - 15 MPH - C5
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
ST LUCIE CO
MARTIN CO
27° 00'
MARTIN CO
PALM BEACH CO

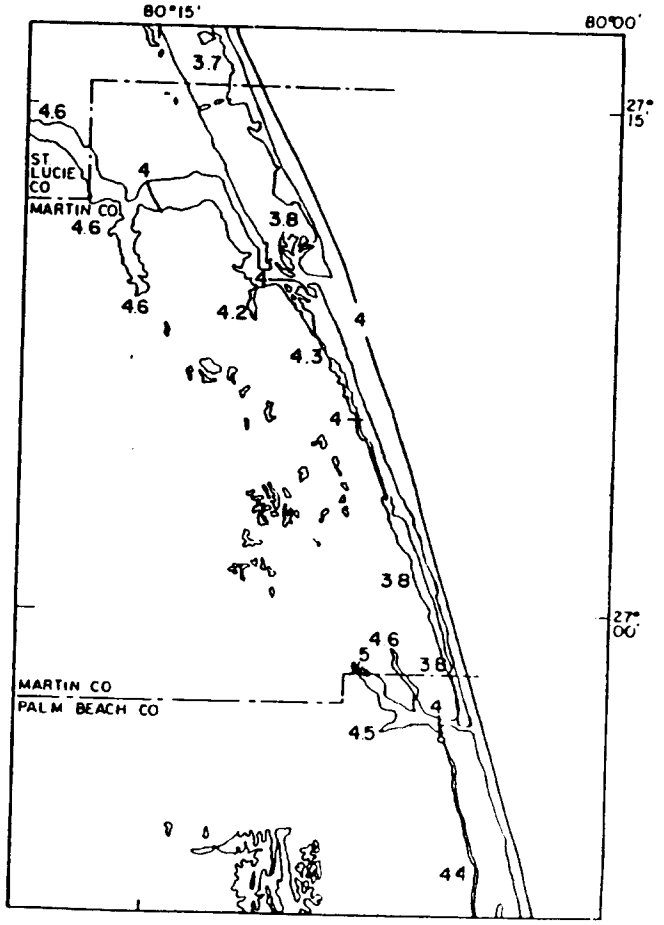

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
2.9
3.9
3.4
3.3
3
3.2
3.0
3.1
3.5
3.4

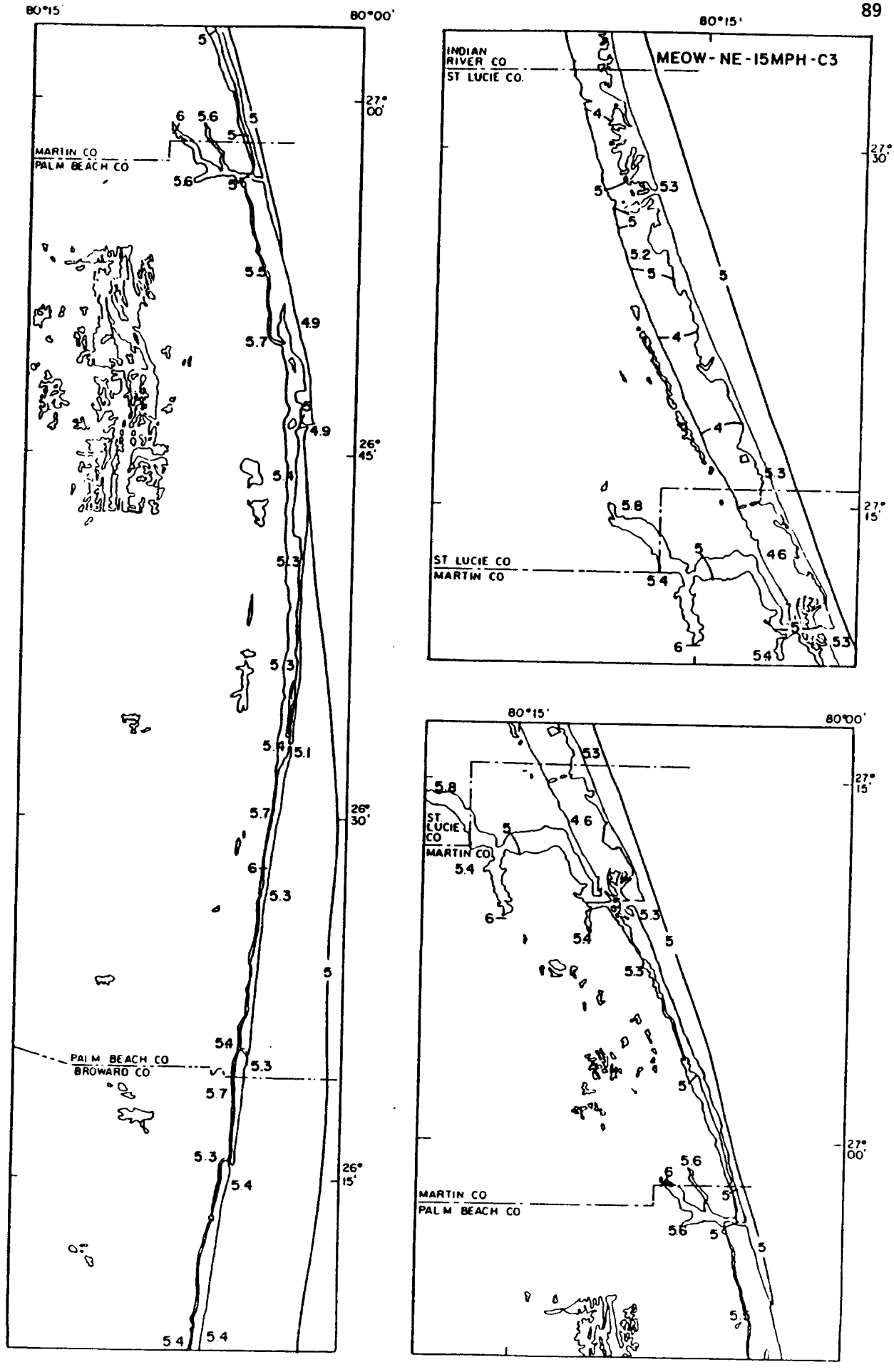

80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW-NE-15MPH-CI
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
3.4
3.2
2.9
3.3
3.1
3

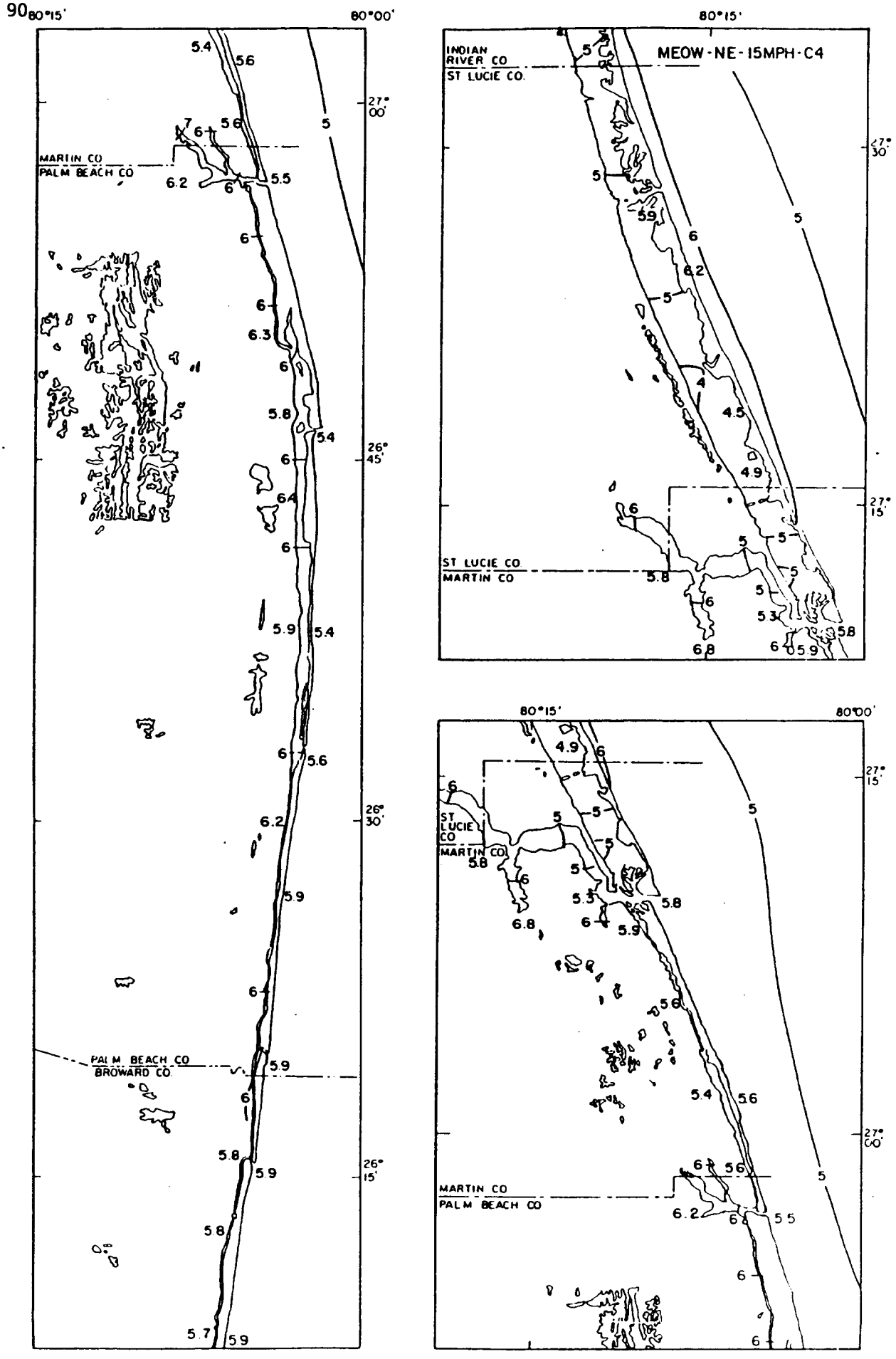

80°15'
80°00'
27° 15'
27° 00'
3.4
ST LUCIE CO
MARTIN CO
3.2
2.9
3.3
3.1
3
MARTIN CO
PALM BEACH CO
3.9
3.4
2.9
3.3

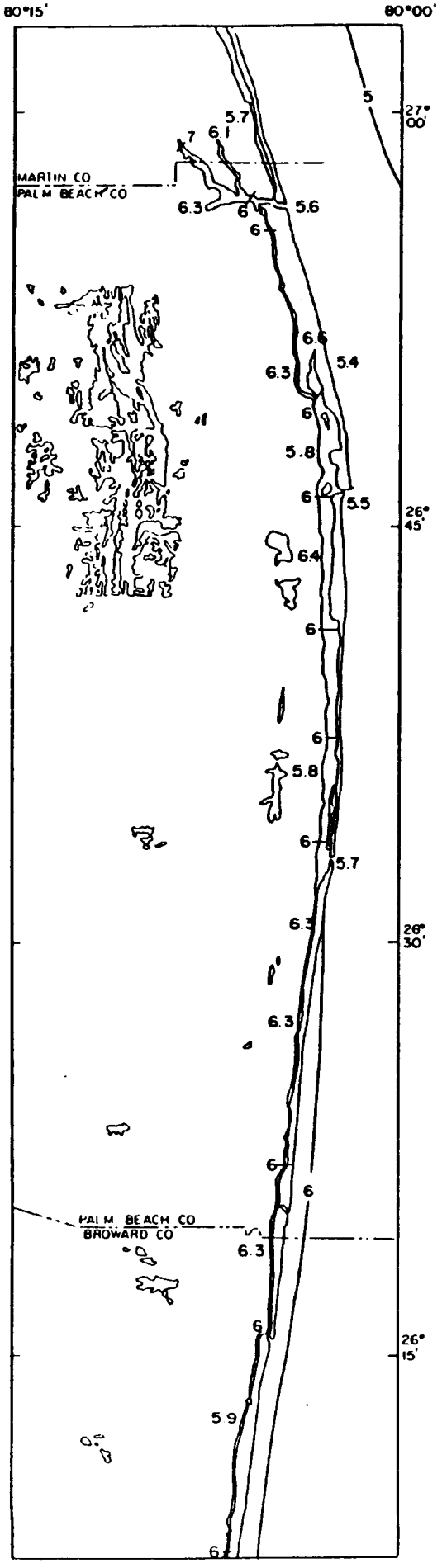

80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
38
5
4.6
3.8
4
4.5
4.4
4.5
4.2
4.3
4.2
4.3
4
4.5
4.4
4.2
4.5
4.3
4.9
4.7

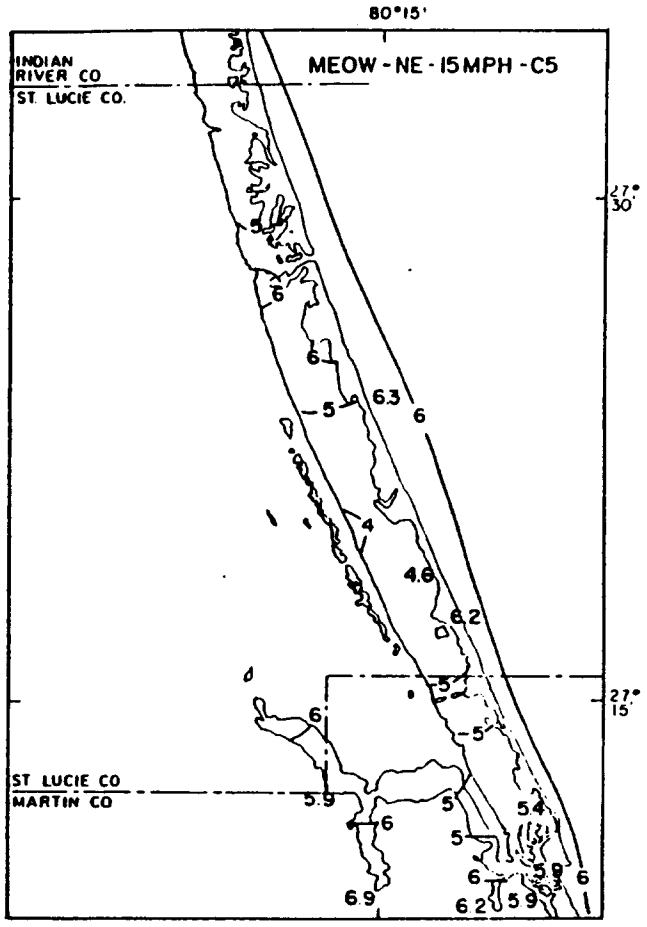

80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW-NE-15MPH-C2
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
3.4
4.2
4
4
3.7
4.6
4
4.6
3.8
4
4.6
4.2

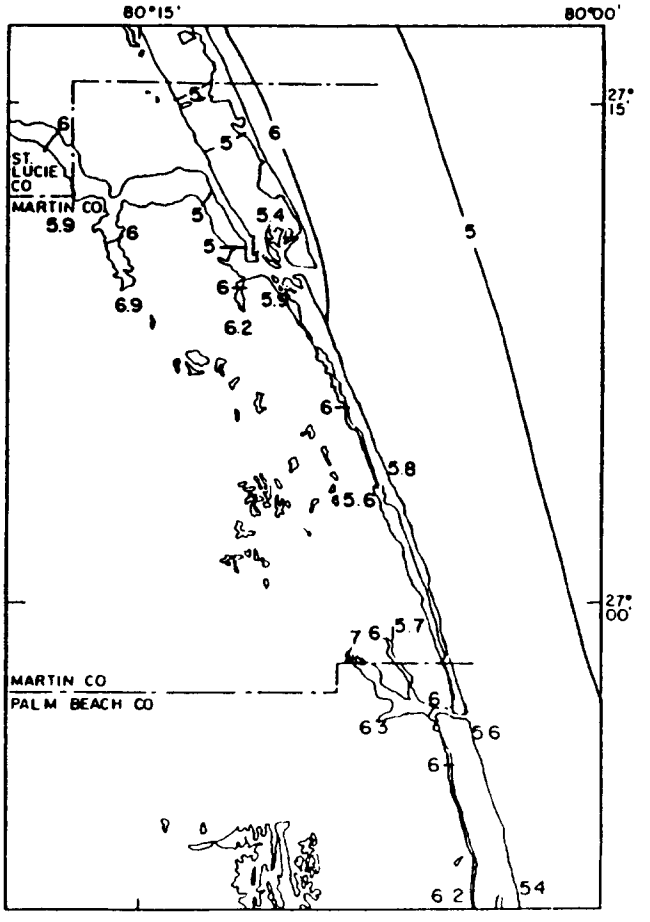

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO
3.7
4.6
4
4.6
3.8
4.6
4.2
4
4.3
4
3.8
5
4.6
3.8
4
4.5
44

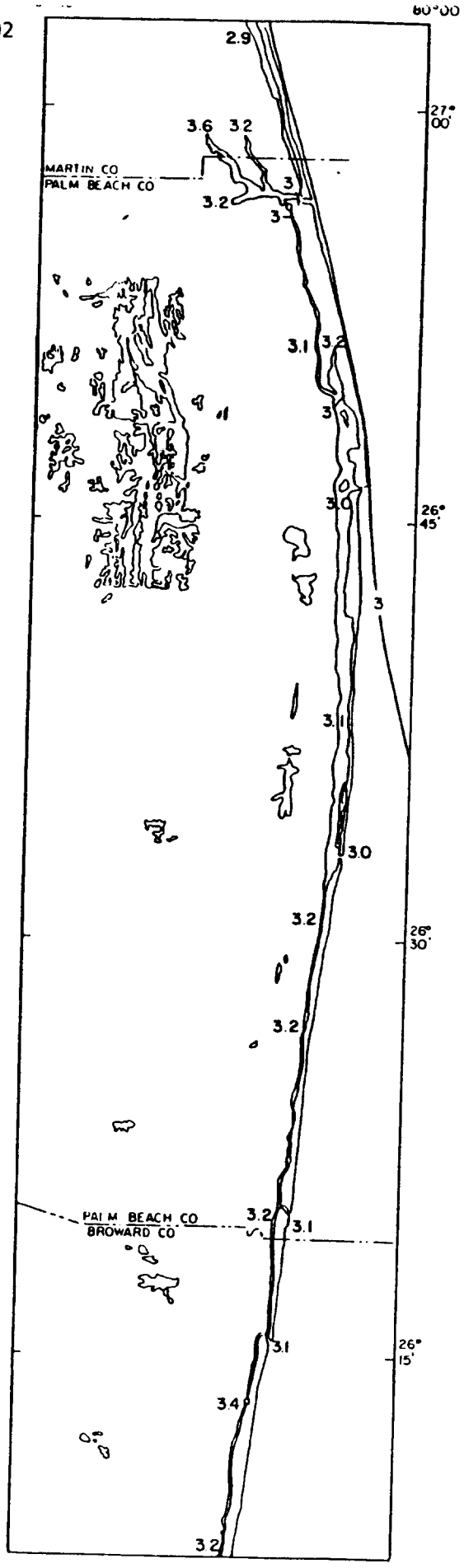

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW - NE - 15MPH - C3
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
ST LUCIE CO
MARTIN CO
27° 00'
MARTIN CO
PALM BEACH CO

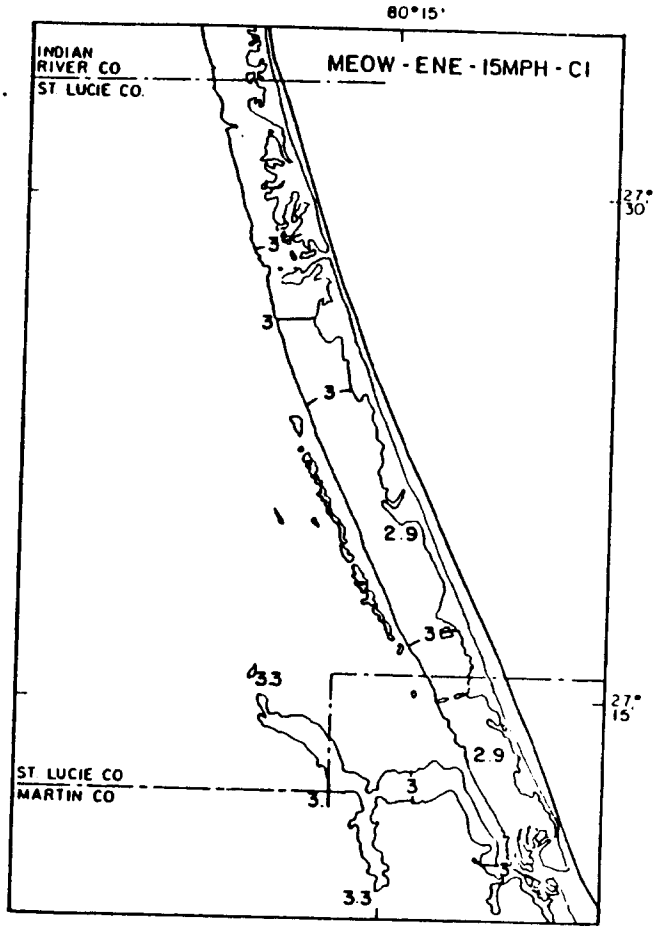

90
80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
27° 30'
27° 15'
INDIAN RIVER CO
ST LUCIE CO
MEOW-NE-15MPH-C4
ST LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

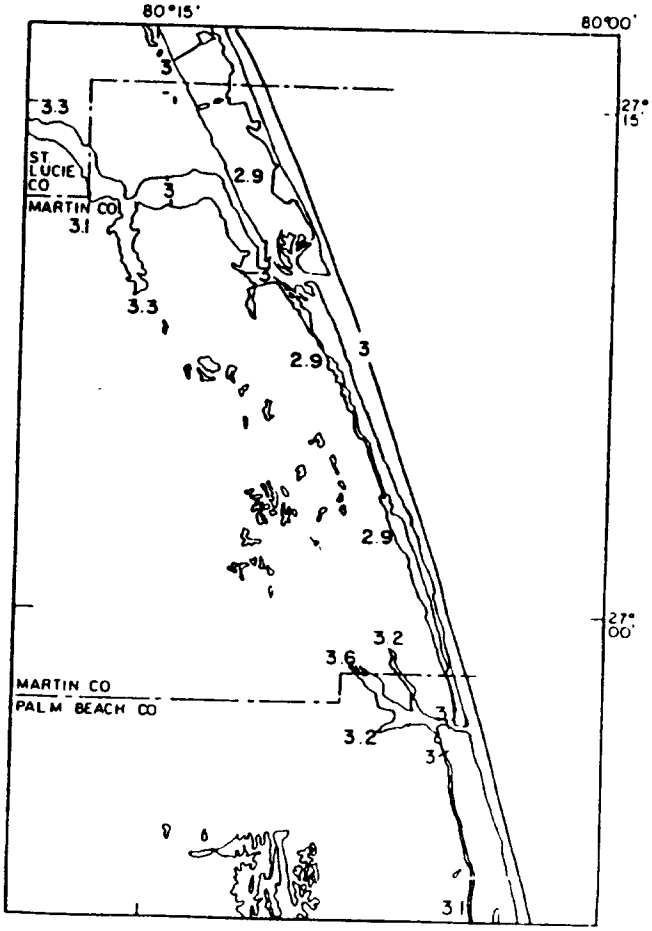

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

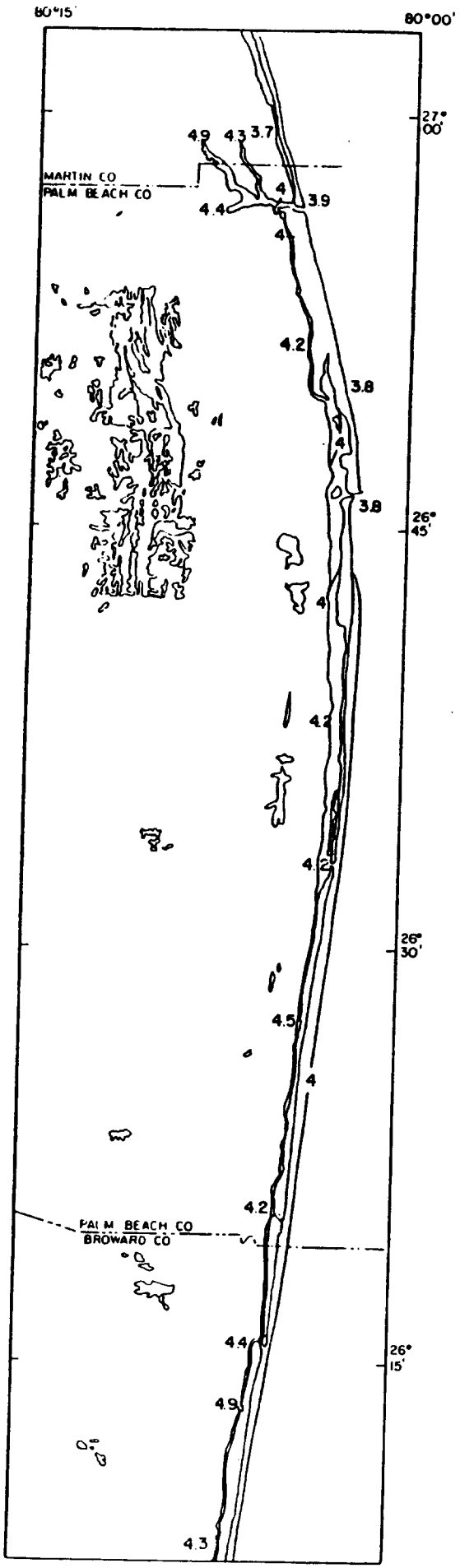

80°15'
MEOW - NE - 15 MPH - C5
INDIAN RIVER CO
ST. LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

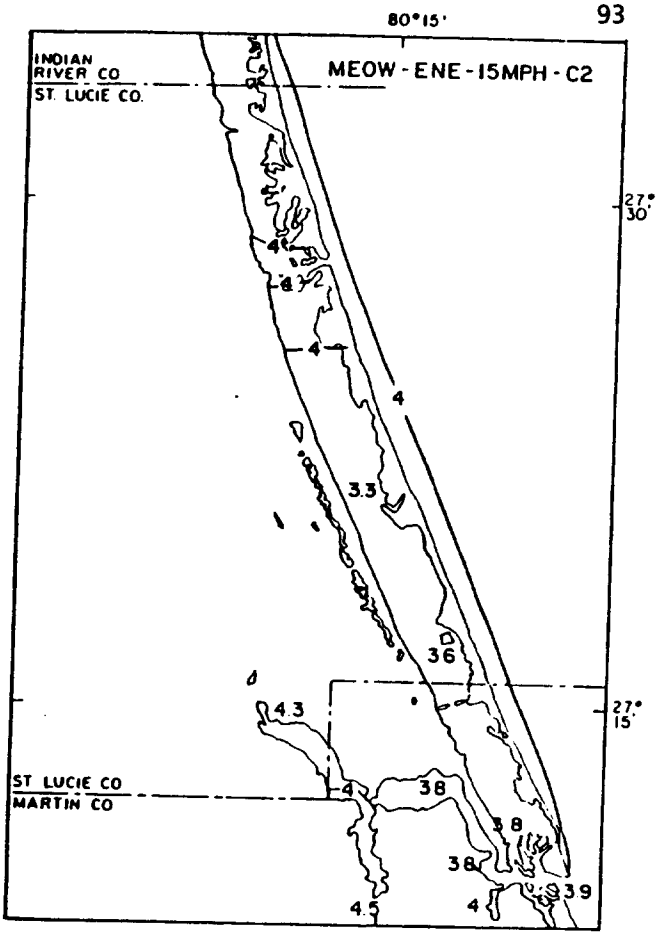

80°15'
80°00'
27° 15'
27° 00'
ST. LUCIE CO
MARTIN CO.
MARTIN CO
PALM BEACH CO

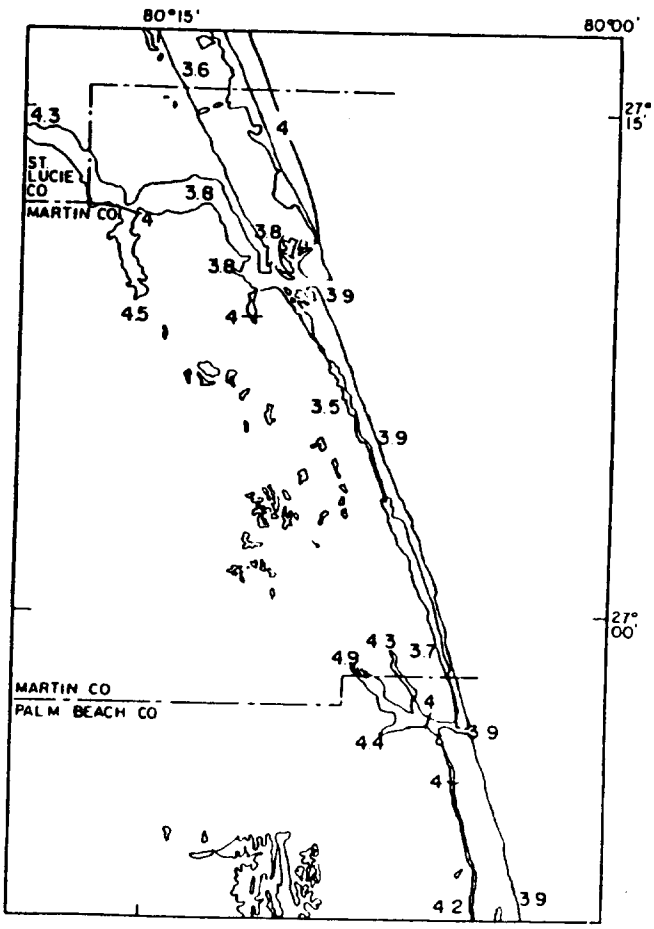

80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
2.9
3.6
3.2
3
3.2
3
3.1
3.2
3
3.0
3
3.1
3.0
3.2
3.2
3.2
3.1
3.1
3.4
3.2

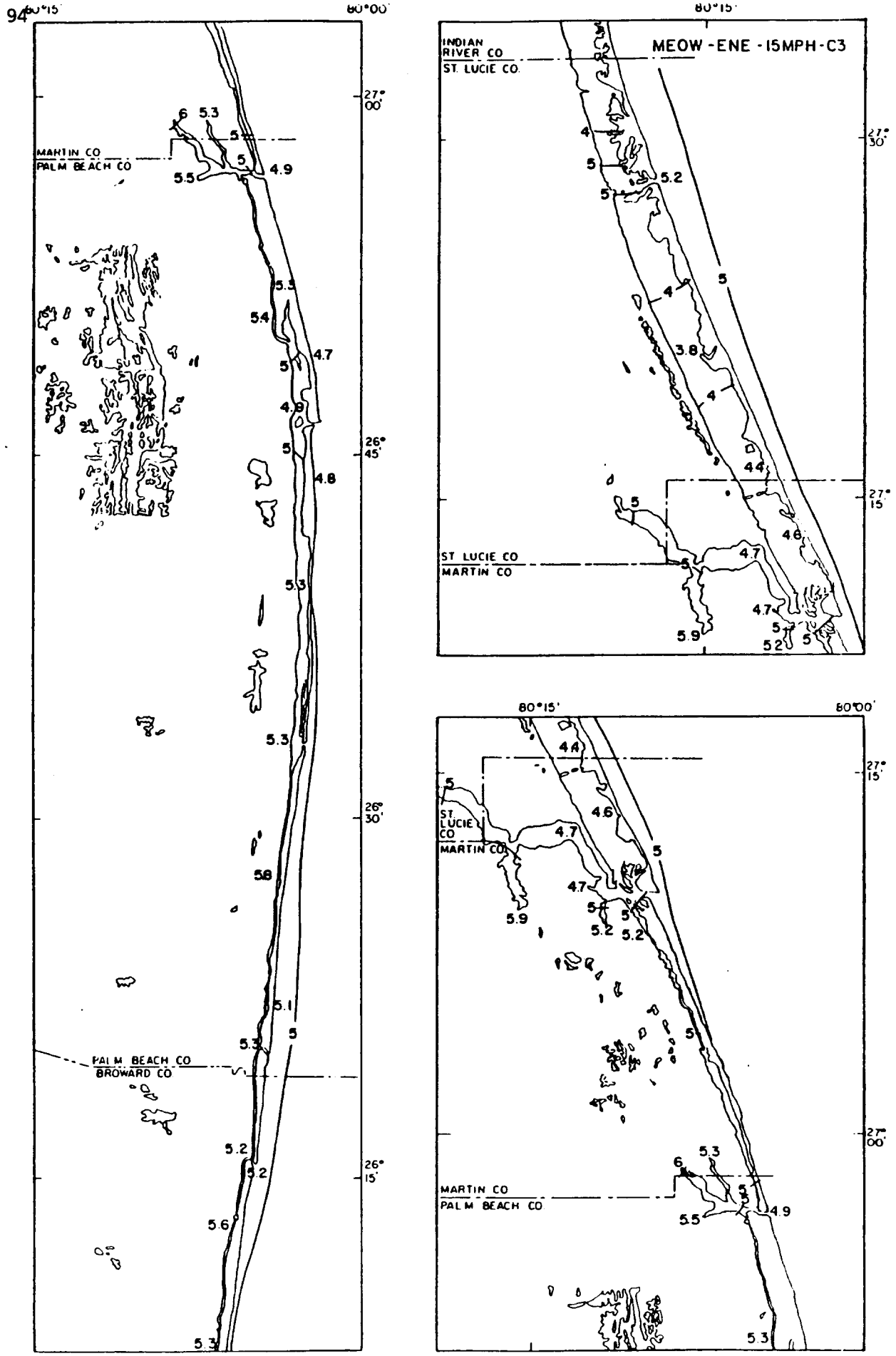

80°15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW - ENE - 15MPH - CI
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
3
3
3
3
2.9
3.0
3.3
2.9
3
3.1
3.3

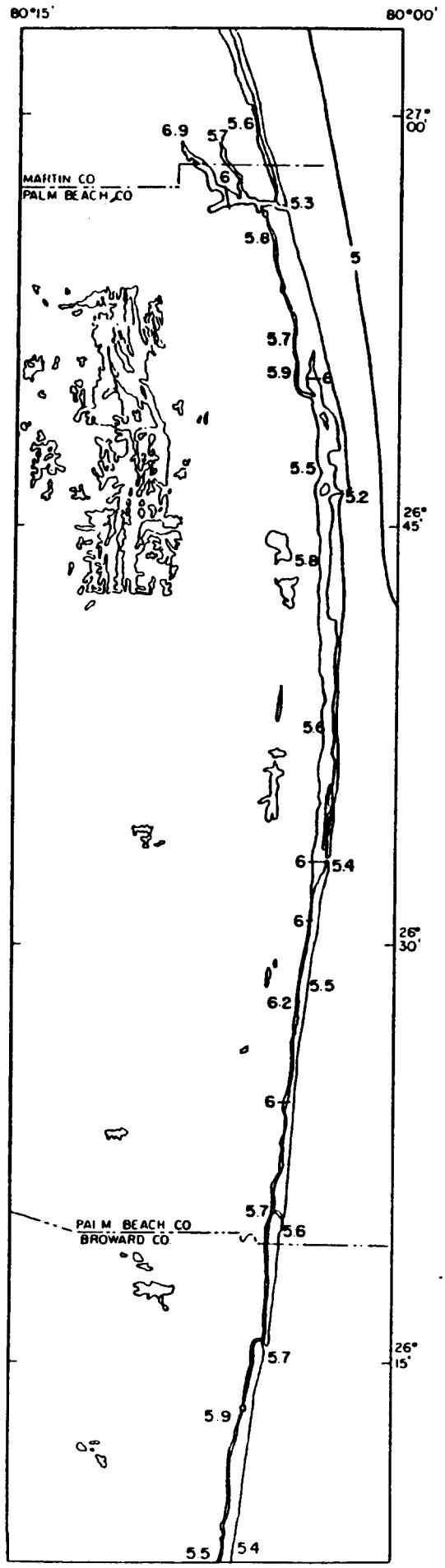

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO
3
3.3
3.1
2.9
3
3.3
2.9
3
2.9
3.2
3.6
3.2
3
3.1

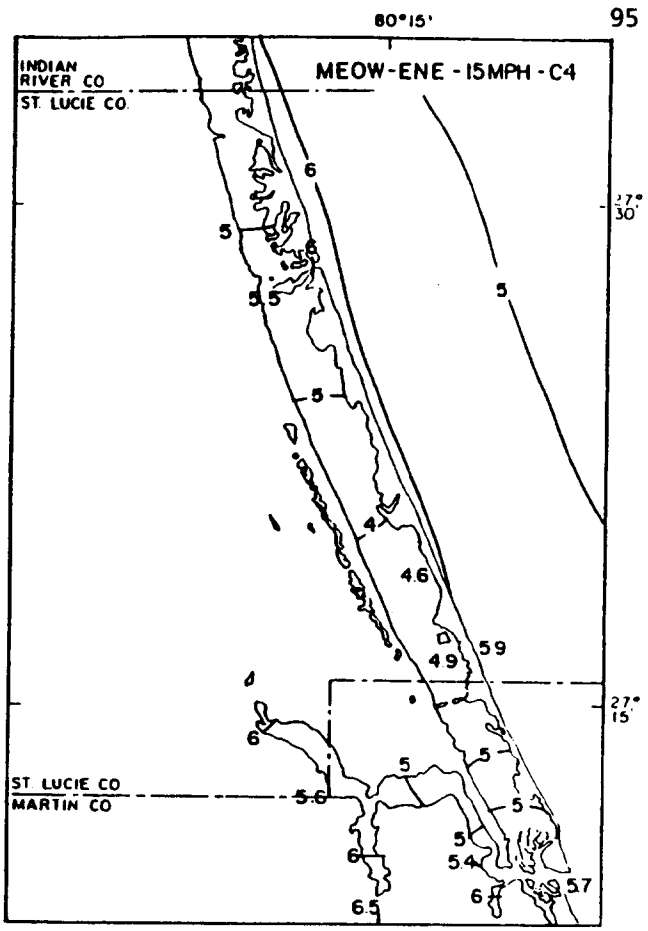

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
4.9 4.3 3.7
4
3.9
4.4
4
4.2
3.8
4
3.8
4
4.2
4.2
4.5
4
4.2
4.4
4.9
4.3

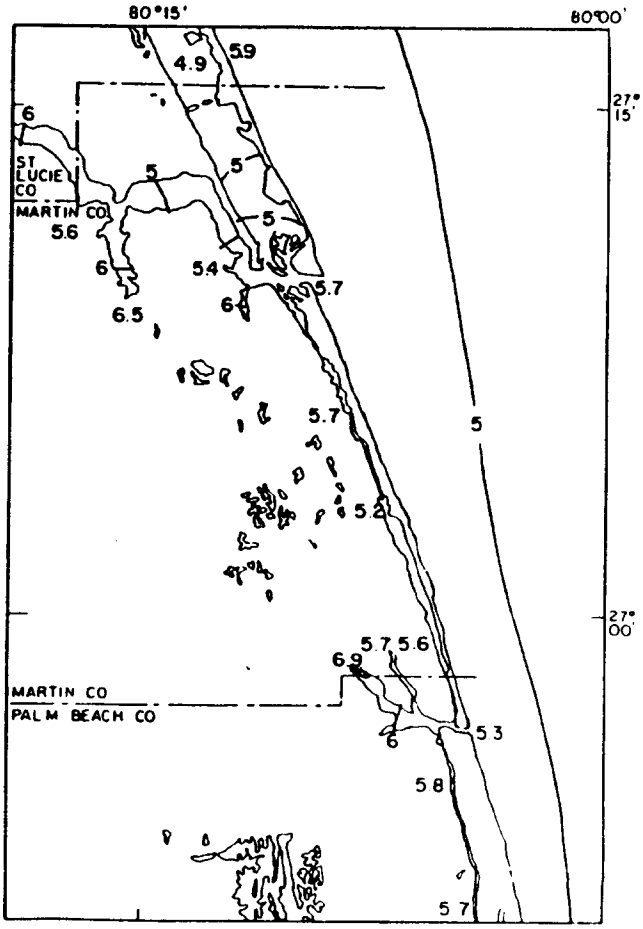

80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - ENE - 15MPH - C2
27° 30'
27° 15'
4
4
3.3
4
3.6
4.3
ST LUCIE CO
MARTIN CO
4
3.8
3.8
3.8
3.9
4.5
4

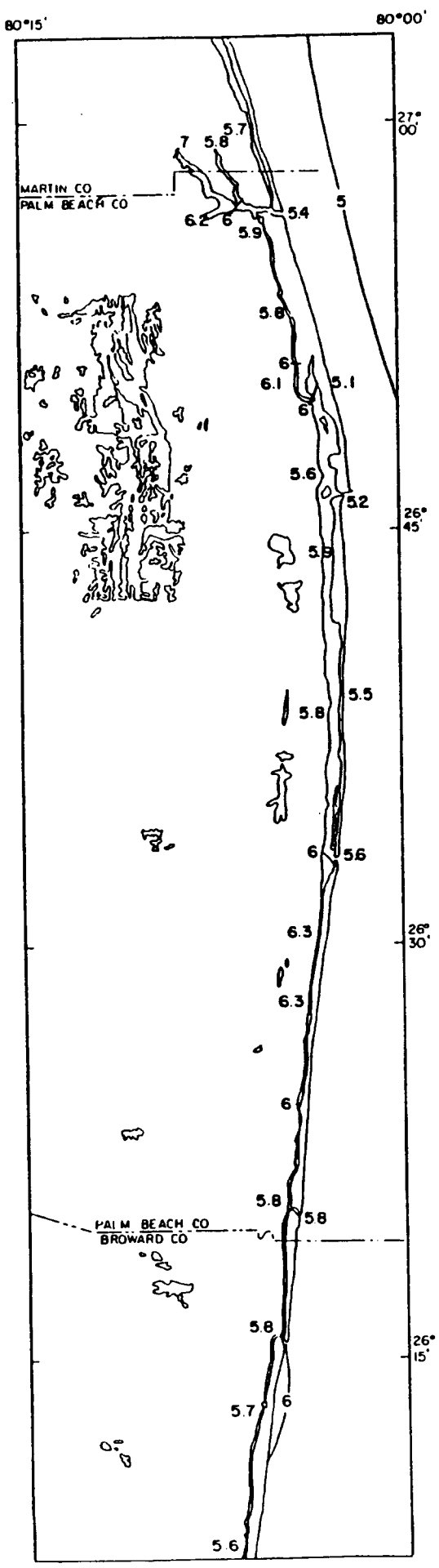

80°15'
80°00'
27° 15'
27° 00'
3.6
4.3
4
ST. LUCIE CO
MARTIN CO
3.8
4
3.8
3.8
3.9
4.5
4
3.5
3.9
MARTIN CO
PALM BEACH CO
4.9
4.3
3.7
4
4.4
3.9
4
4.2
3.9

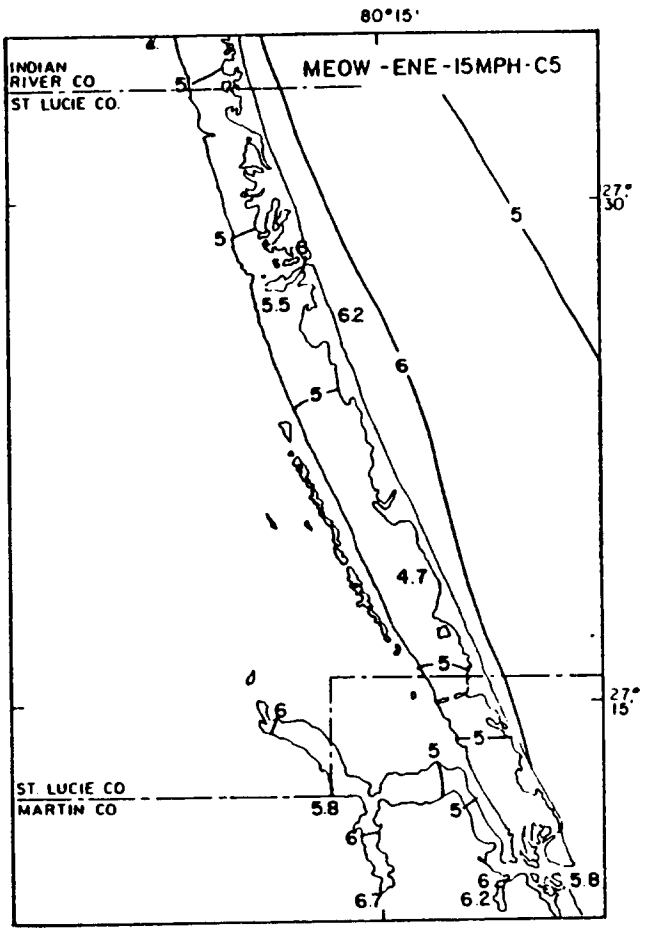

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - ENE - 15MPH - C3
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
80°15'
80°00'
27° 15'
ST LUCIE CO
MARTIN CO
27° 00'
MARTIN CO
PALM BEACH CO

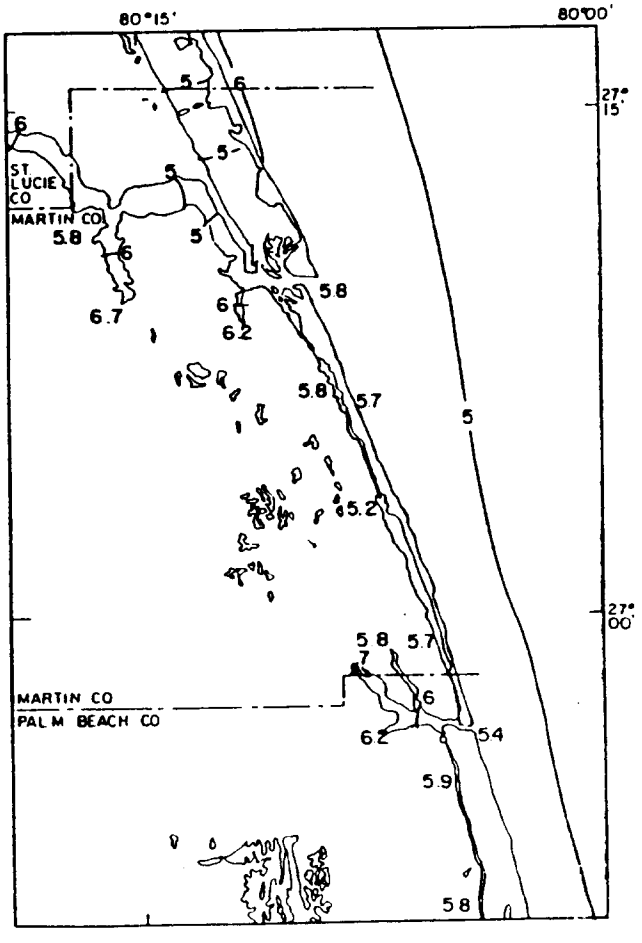

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

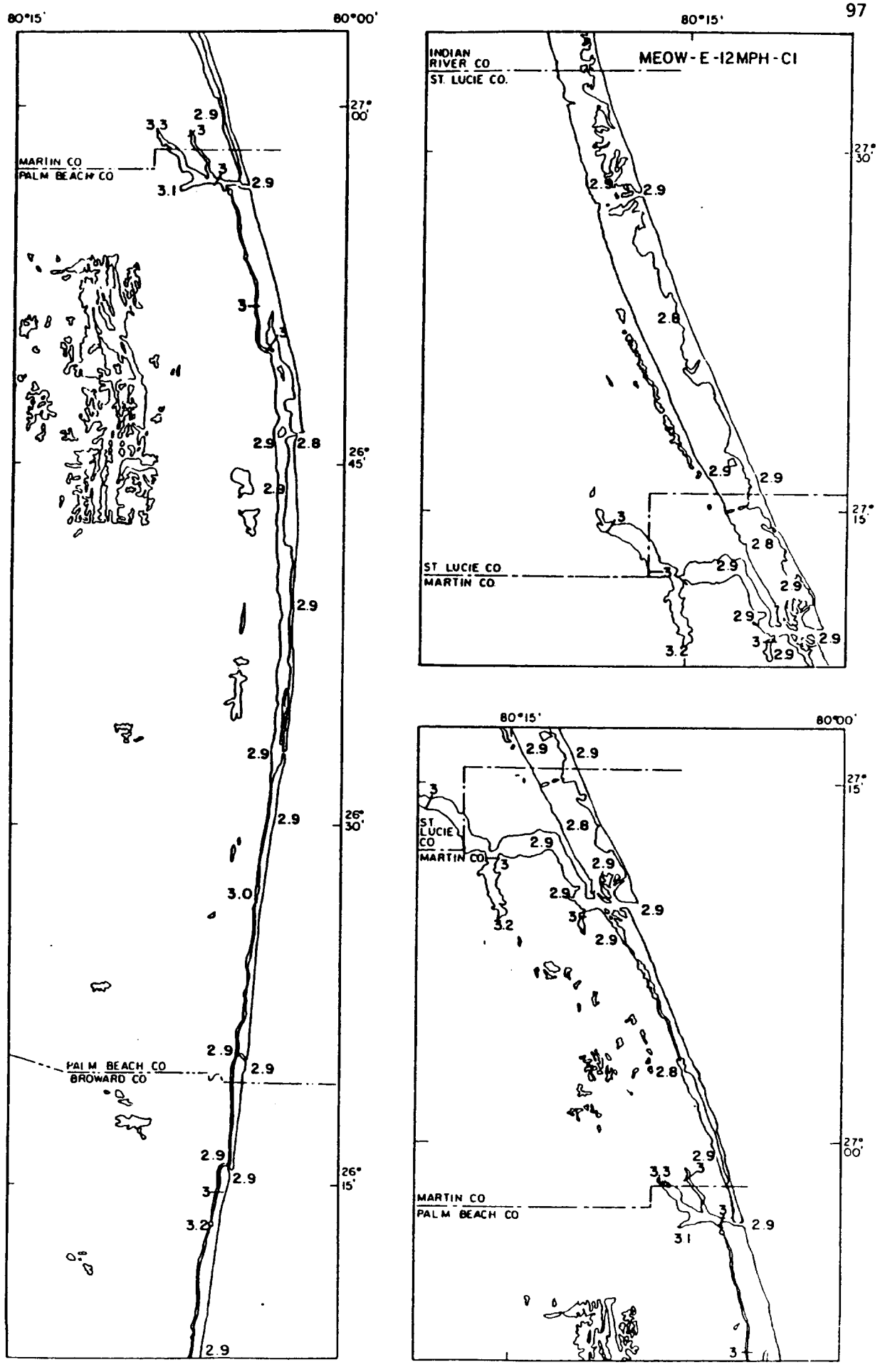

80°15'
INDIAN RIVER CO
ST. LUCIE CO.
MEOW-ENE - 15MPH - C4
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

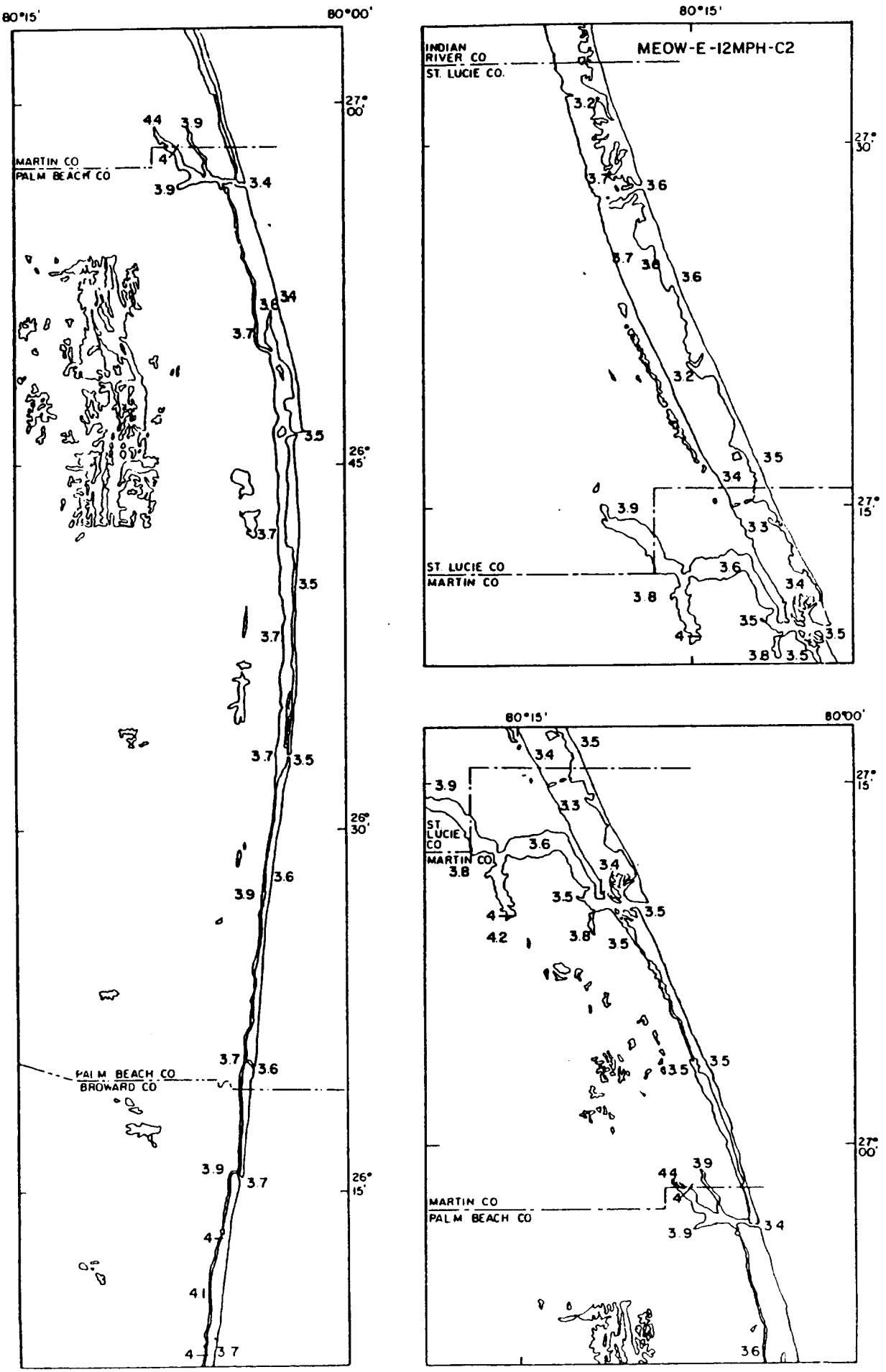

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

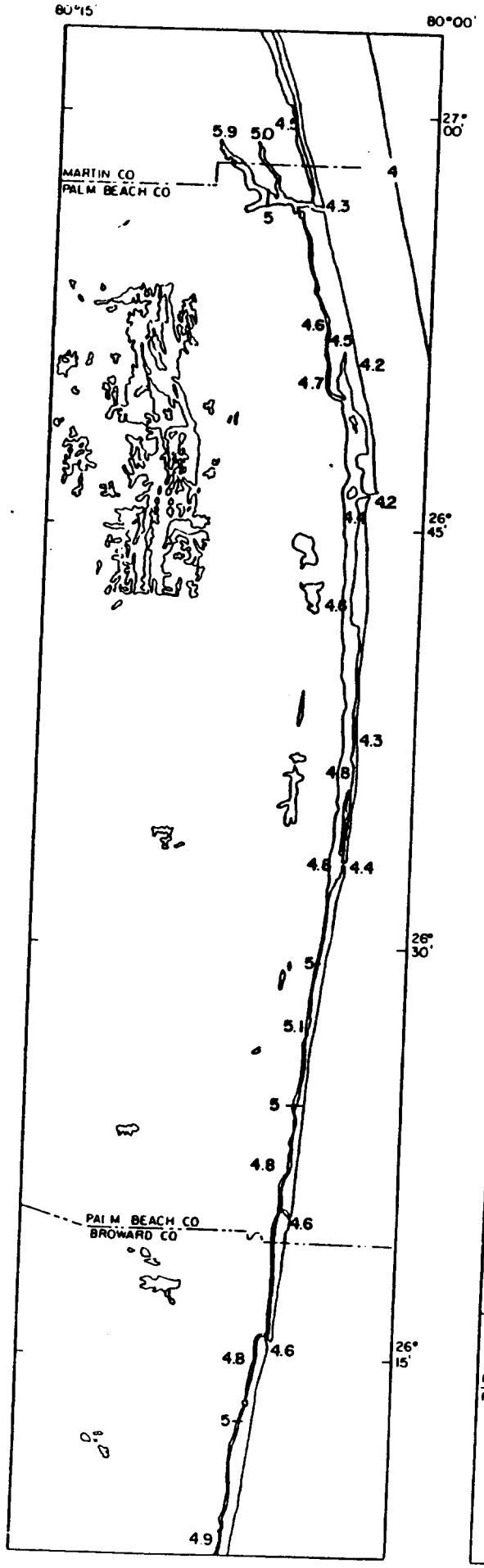

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO

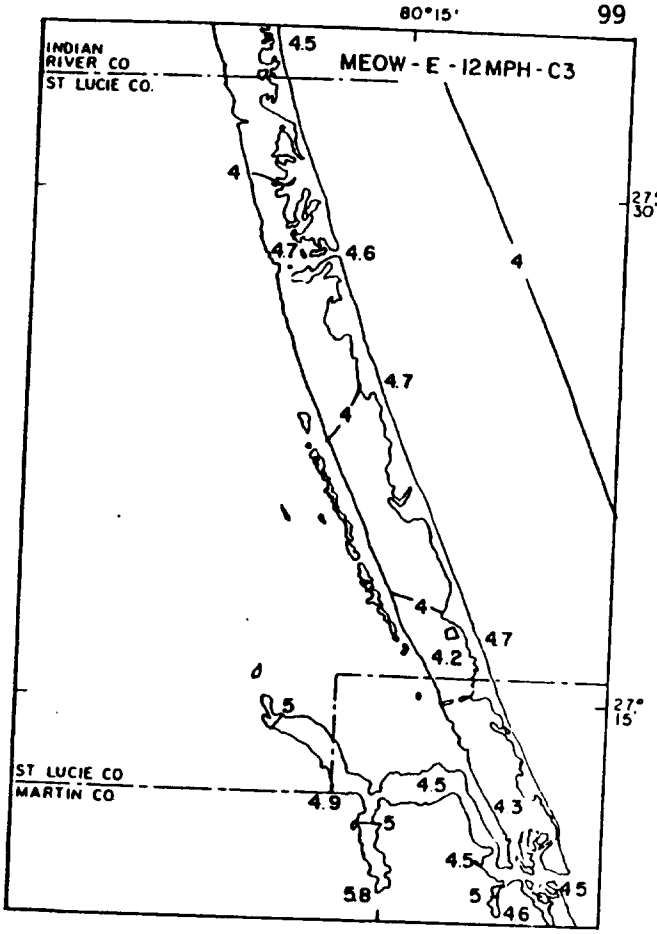

80°15'
MEOW -ENE-15MPH-C5
INDIAN RIVER CO
ST LUCIE CO.
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO

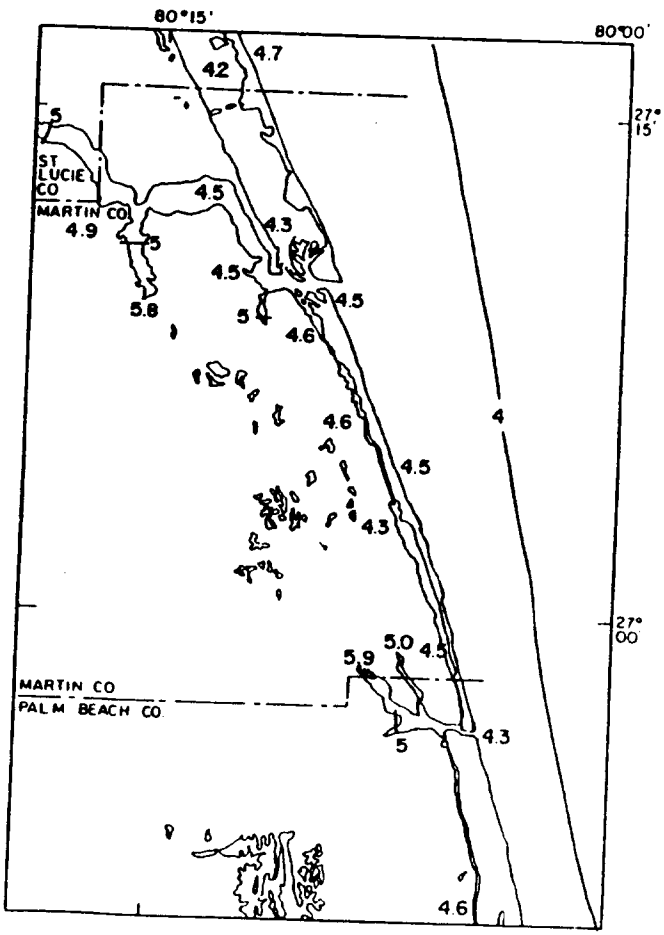

80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

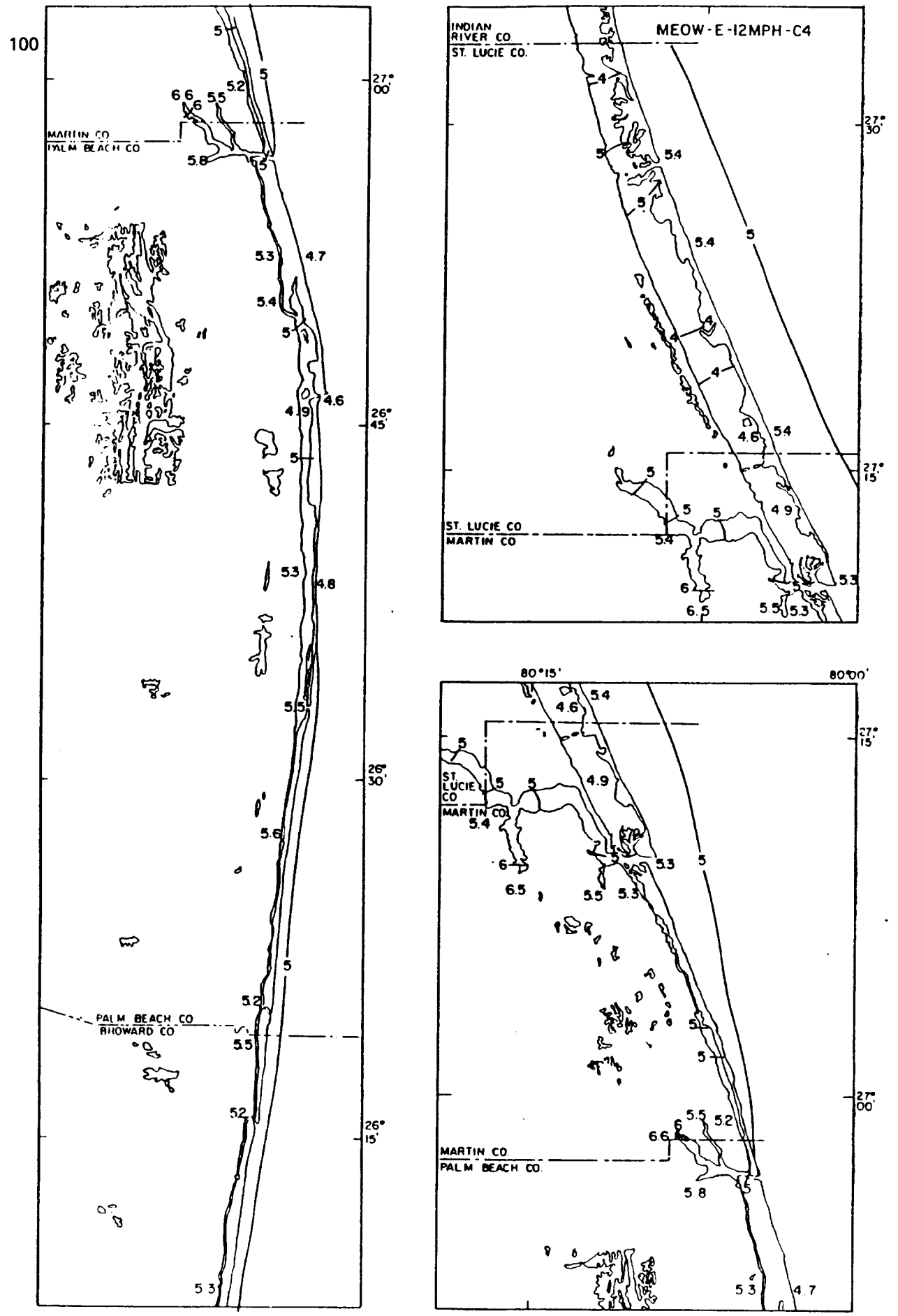

80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST. LUCIE CO.
MEOW-E-12MPH-CI
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO

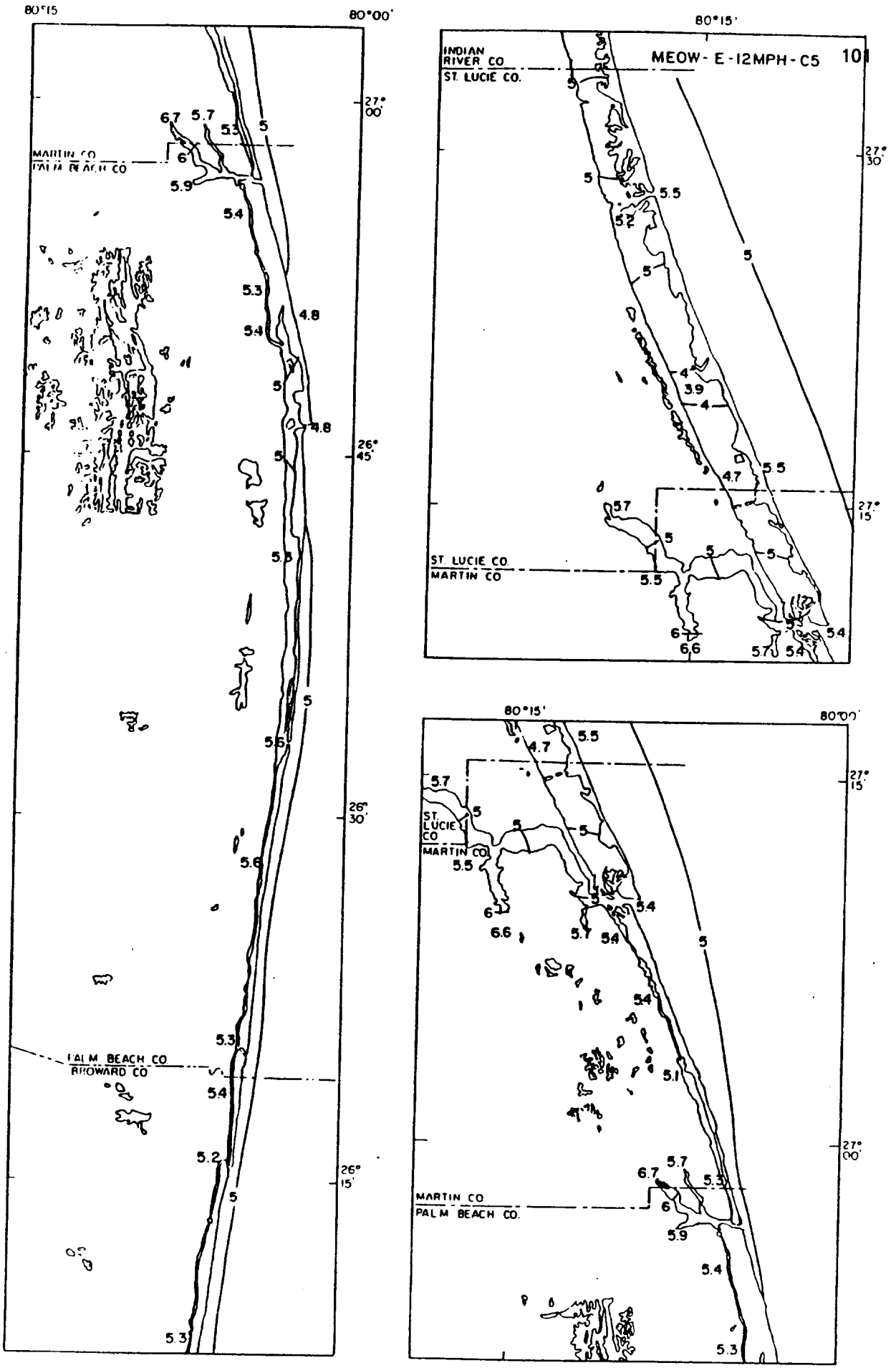

MEOW-E-12MPH-C2
80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
27° 30'
27° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST. LUCIE CO.
ST. LUCIE CO
MARTIN CO
ST. LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO


80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
5.9 5.0 4.5
4
4.3
5
4.6
4.5
4.2
4.7
4.2
4.6
4.3
4.8
4.6 4.4
5
5.1
5
4.8
4.6
4.8 4.6
5
4.9


80°15'
27° 30'
27° 15'
INDIAN RIVER CO
ST LUCIE CO.
MEOW - E - 12MPH - C3
ST LUCIE CO
MARTIN CO
4.5
4
4.7
4.6
4.7
4
4
4.7
4.2
5
4.9
5
4.5
4.3
4.5
5.8
5
4.6
4.5


80°15'
80°00'
27° 15'
27° 00'
ST LUCIE CO
MARTIN CO
MARTIN CO
PALM BEACH CO
4.7
4.2
5
4.5
4.9
5
4.3
5.8
5
4.5
4.6
4.6
4
4.5
4.3
5.9
5.0
4.5
5
4.3
4.6


100
MEOW - E - 12MPH - C4
INDIAN RIVER CO
ST. LUCIE CO.
MARTIN CO
PALM BEACH CO
ST. LUCIE CO
MARTIN CO
PALM BEACH CO
BROWARD CO
80°15'
80°00'
27° 00'
27° 30'
27° 15'
26° 45'
26° 30'
26° 15'


80°15'
80°00'
27° 00'
26° 45'
26° 30'
26° 15'
MARTIN CO
PALM BEACH CO
PALM BEACH CO
BROWARD CO
INDIAN RIVER CO
ST. LUCIE CO.
MEOW - E - 12MPH - C5
101
27° 30'
27° 15'
ST LUCIE CO
MARTIN CO
ST. LUCIE CO
MARTIN CO.
MARTIN CO
PALM BEACH CO.

Appendix C

TREASURE COAST REGION
HURRICANE EVACUATION STUDY

BEHAVIORAL ANALYSIS

APPENDIX C

INDIAN RIVER COUNTY
ST. LUCIE COUNTY
MARTIN COUNTY
PALM BEACH COUNTY

CORPS OF ENGINEERS
FEDERAL EMERGENCY MANAGEMENT AGENCY
NOAA NATIONAL HURRICANE CENTER
FLORIDA DIVISION OF EMERGENCY MANAGEMENT

Behavioral Assumptions for Hurricane Evacuation Planning in the Treasure Coast Region

Prepared by

Hazards Management Group, Inc.
2308 Carrick Court
Tallahassee, FL 32308
(904) 893-8993

for the

U.S. Army Corps of Engineers
Jacksonville District

FEBRUARY 1993

Table of Contents

Background and Approach: Behavioral Science and Hurricane Evacuation Planning

Evacuation outcomes depend upon many factors, including how the public responds to the event, and in hurricane evacuation planning, one must make assumptions about those factors. If one makes unreasonable assumptions, an actual evacuation is unlikely to proceed as anticipated. The public responses having the greatest impact upon an evacuation are

1. The number of people who evacuate.
2. The number of vehicles used in the evacuation.
3. How promptly evacuees leave.
4. The number of evacuees who leave or attempt to leave the local area and where they go.
5. The number of evacuees who seek refuge in public shelters.

Deriving Correct Assumptions

Regardless of how detailed, formal, or quantitative an evacuation plan appears, it contains assumptions about behaviors such as those discussed above. Even if the assumptions are not deliberately and explicitly addressed, there are implicit or implied values for them. For example, planners who say they make no assumptions at all regarding whether people outside the recommended evacuation zone will evacuate are in fact assuming that none of those people will leave. Any time an evacuation plan is "tested" to ascertain the length of time required to

complete an evacuation under the plan, the test includes quantitative assumptions regarding behavioral factors. The issue is not whether such assumptions should be made, because they must; the issue is what the assumptions should be.

There are at least three basic ways to derive behavioral assumptions:

1. Conduct interviews with people in a large number of locations asking what they did in multiple hurricane threats, documenting patterns of behavior under various conditions (general response model).
2. Conduct interviews asking people what they did in one particular evacuation (single event survey).
3. Conduct interviews asking people what they would do during a hurricane threat (hypothetical survey).

An Integrated Approach

Building a Quantitative General Response Model. A response model can be constructed to indicate quantitative values of specific responses, given a particular set of circumstances which the planner specifies. The extent of shadow evacuation in hurricanes, for example, can be forecast by specifying the severity of the storm, hazardousness of the neighborhood, and actions taken by public officials.

This is the heart of HMG's approach to formulating behavioral assumptions for hurricane evacuation planning. We are fortunate to have amassed actual response data from many hurricane evacuations spanning a wide geographical area and a variety of hurricane threat circumstances over a period of roughly three decades.

HMG's general response model has been used successfully in evacuation plans along the Gulf and Atlantic coasts, including the Treasure Coast region in 1988, and it currently is being enhanced by surveys conducted concerning public response in Andrew in south Florida and Louisiana. Thus, for each of the

behaviors to be anticipated, the model predicts a quantitative value, depending upon specific situations and circumstances specified.

A common concern expressed about the general response model is that it is based upon responses of people in "other places" and that "our people are different." Actually the strength of the general model is that it accounts for differences in responses as they vary because of demographic characteristics of the population, actions by emergency management personnel, physical hazardousness of the study area, and so forth. Evidence of the model's validity lies in its history of accurately explaining and forecasting actual response behavior observed in a variety of places.

Single Event Actual Response Data. It is tempting to overgeneralize from a single evacuation in a particular location. Even the same people will respond differently in different sets of circumstances. Single event data can be very useful if not overused, however. If an evacuation occurs late at night, for example, and the evacuation is urgent, those circumstances tend to lead to fewer people leaving the local area than other circumstances. Thus, if the single event was a late night, urgent evacuation, it might provide an indication of the "worst case" to expect in that location for certain types of behaviors.

Single events also provide opportunities to validate the use of the general response model for forecasting in a specific location. Actual behavior in a single event can be documented and compared to that which would have been predicted by the general response model. Its "fit" gives a clue to how much the model would have to be adjusted to work for the specific location and hazard.

A survey was conducted in 1982 to document how Treasure Coast residents responded during hurricane David in 1979 (Treasure Coast Regional Planning Council, 1983). Data from that survey will be cited and compared to responses normally observed in similar circumstances, as predicted by the general response

model. No actual response data for hurricane Andrew is available for the Treasure Coast region at this time, but it would be useful in further guiding the general response model's application to the region.

Hypothetical Responses. Although hypothetical response data can hardly ever be used literally for quantitative forecasts, HMG has collected much data of this nature, and it does have limited utility when used carefully. It can also be very misleading, however. There are certain consistent biases in hypothetical response data, for example. People are more likely to say they would evacuate in "low risk" situations than they usually do, more likely to say they would leave early than they usually do, and more likely to say they would use public shelters than they usually do. Hypothetical response data can be adjusted to account for those sorts of known biases. Hypothetical data in one location can be compared with that collected elsewhere for an indication of relative variation between the samples. If more people in one location say they would refuse to leave than in another, they probably really are more likely to refuse. At least more effort will be required to have them move. So, although the magnitude of people saying they wouldn't leave might not be quantitatively valid, it at least gives a relative indication. This can be particularly useful when actual response data is also available in the second location.

The 1982 survey also asked Treasure Coast residents what they would do in future hurricanes. Those hypothetical responses will be compared to what people actually did in David, to other hypothetical surveys, and to responses indicated by the general response model.

Evacuation Rates

Response in David

The 1979 survey assigned respondents to one of three evacuation zones: coastal, middle, and interior. The coastal zone is clearly at the highest risk of the three, consisting exclusively of barrier islands. The coastal extent of the interior zone is near the Sunshine State Parkway in St. Lucie and Martin counties as far north as SR 68, then coincides roughly with I-95 north of SR 68 . It can be reasonably characterized as relatively low risk, with wind and localized flooding posing the principal hazards. The middle zone, however, is extremely mixed with respect to hazardousness. It includes the mainland coastline bordering the Indian River but extends inland far beyond the probable surge inundation areas.

Evacuation rates documented in David are summarized in Table 1. Clearly, the greatest evacuation rate was in the coastal zone (77%).[1] In the middle zone the rate was somewhat higher in Indian River and Martin than in St. Lucie. This might have been attributable to the slightly higher incidence of mobile homes in Indian River and Martin, differences in actions taken by local officials, and local variations in hazard. People over 65 years old were more likely to evacuate than younger residents, but this too could be confounded with the presence of mobile homes. The elderly were at least three times more likely to live in mobile homes than other age groups.

---

[1]All samples are subject to error, as they are subsets of the entire population from which they were taken. Larger samples are less likely to yield values which differ greatly from the true population value than smaller samples. Table 1 includes an indication of the "error factor" in the 1982 survey following David. The entry ".77 +/- .08", for example, means that 77% of the coastal sample said they evacuated, and one can be reasonably certain that figure is within 8 percentage points of the "true" evacuation rate for the all coastal zone residents.

AGE	Coastal		Middle	Interior
>65	.79 +/- .14		.34 +/- .05	.28 +/- .09
		IR	.40 +/- .09	
		M	.36 +/- .08	
		SL	.25 +/- .07	
<65	.76 +/_ .11		.22 +/- .03	.18 +/- .05
		IR	.23 +/- .06	
		M	.27 +/- .05	
		SL	.18 +/- .04	

Table 1. Treasure Coast evacuation rates in David.

Patterns of response were very consistent with those documented elsewhere and predicted by the general response model. The 77% evacuation rate in the coastal zone appears lower than one would expect if officials were entirely successful in communicating an evacuation order, but no data was collected indicating whether respondents understood that they were supposed to evacuate. The statistical reliability of the figure is also low due to the relatively few interviews conducted in the coastal zone.

Hypothetical Responses

The hypothetical question attempting to identify people who wouldn't leave is rather meaningless. Respondents were asked how soon they could be ready to leave if government authorities strongly advised them to evacuate. Only 6% said "never", implying from the data that 94% would leave. A majority of these people are at risk only to wind and live in structures more substantial than mobile homes. It is difficult to conceive of a scenario in which they would all be strongly advised

to evacuate because of a hurricane, but if they were, far less than 94% would actually leave from middle and interior areas.

Recommendations

Table 2 summarizes the evacuation rates which should be used for planning. Recommendations are stratified on three dimensions: risk area, strength of storm, and type of housing.

Severe Storm Evacuation Ordered in High and Moderate Risk Areas and Mobile Homes			Weak Storm Evacuation Ordered in High Risk Areas Only but All Mobile Homes		
RISK AREA					
High	Mod	Low	High	Mod	Low
Housing Other Than Mobile Homes					
90%+	75%	30%	85%	40%	20%
Mobile Homes					
95%	90%	80%	90%	75%	65%

Table 2. Evacuation rates to be used for planning.

Risk Area

The risk area categories do not generally correspond to the coastal, middle, and interior areas used in the 1982 survey. High risk areas refer to barrier islands and open coast, which are, however, roughly the same as the 1982 survey's coastal zone. Moderate risk areas refer to areas that would flood in most hurricanes but are not on the open coast. Flood depths and wave action would be less severe than in high risk areas. These would include the most hazardous parts of the 1982 middle area. Low risk areas are normally subject only to hurricane winds. They include parts of the 1982 middle zone and almost all of the interior zone.

Obviously evacuation rates will be higher in more hazardous risk areas. Evacuation rates in the high risk areas, if during a hurricane threat officials are successful in communicating to residents that they need to evacuate, will normally be higher than that observed in David. It is equally important to note that there will also be evacuation from low risk areas, even if residents are not advised to leave. The phenomenon is sometimes called "shadow" evacuation.

Storm Severity

Stronger storms will result in greater evacuation rates because people realize that there is more to fear from stronger storms and because public officials take different actions in stronger storms (communicating evacuation notices more aggressively and to larger areas). Table 2 addresses two scenarios: 1) a severe hurricane in which officials order evacuation from high and moderate risk areas and from mobile homes in low risk areas and 2) a weaker storm in which only mobile home and high risk residents are told to leave. In the latter instance the evacuation shadow in moderate and low risk areas is significantly less.

Mobile Homes

The general response model does not address mobile homes with the same degree of confidence that it addresses more predominant housing because there are not usually enough mobile homes included in post-hurricane surveys to yield reliable conclusions about their occupants. In the 1982 Treasure Coast Survey there were enough mobile homes included, but the analysis didn't separate mobile homes from other housing with respect to evacuation response.

Nevertheless it is clear that mobile home residents are more likely to evacuate than occupants of other housing, all other factors being the same. In both of the scenarios analyzed here it is assumed that public officials advise or order mobile home residents to go to safer structures and communicate that notice to them effectively. To be certain that the notices are communicated effectively,

police should go into mobile home developments to announce the order rather than relying upon media dissemination.

Effect of Andrew

The destructiveness of hurricane Andrew in south Dade county has led to the concern that many residents living outside surge-prone areas will attempt to evacuate in future hurricanes, either crowding local shelters or congesting roads leaving the region. The concern has been expressed not just about residents of south Dade county but about those in other coastal counties as well. There is no doubt a greater *tendency* exists for non-surge residents of south Dade to evacuate now than there was before Andrew, but the extent to which that tendency extends to the Treasure Coast region is only a matter of conjecture. The recommendations in Table 2 acknowledge the fact that there will be evacuation from low risk areas, and Andrew is not likely to increase the number significantly if at all. A sample survey could shed further light on this issue.

All of the figures in Table 2 presume that officials are successful in reaching residents with evacuation notices. Andrew could make that job easier. Residents are likely to pay closer attention to hurricane information now than they did before Andrew, and that attention will probably persist for at least two years.

Timing of Evacuation

Probably the most meaningless hypothetical question that can be asked in a hurricane response survey is "how long would it take before you could be ready to leave?" Therefore the results for this question in the 1982 survey won't even be considered in this analysis. Empirical evidence in evacuation after evacuation demonstrates emphatically that the very same people will leave promptly or slowly depending upon the circumstances of the particular threat. When people believe they have the luxury of taking their time to depart, most tend to do so, even to the point of waiting until the following day to leave rather than travel at night. However, when the urgency of immediate response is communicated to people, they respond very swiftly, even leaving between midnight and daybreak. One other factor is also clear: very few evacuees (less than 20%) leave before officials issue an evacuation notice.

Therefore, people are not going to leave in substantial numbers until someone in a position of authority tells them to and then they will leave as promptly as they are told they must. The urgency of evacuations varies because of the error inherent in hurricane forecasting. If a storm intensifies, increases forward speed, or changes course unexpectedly, it usually becomes more necessary for evacuees to leave quickly.

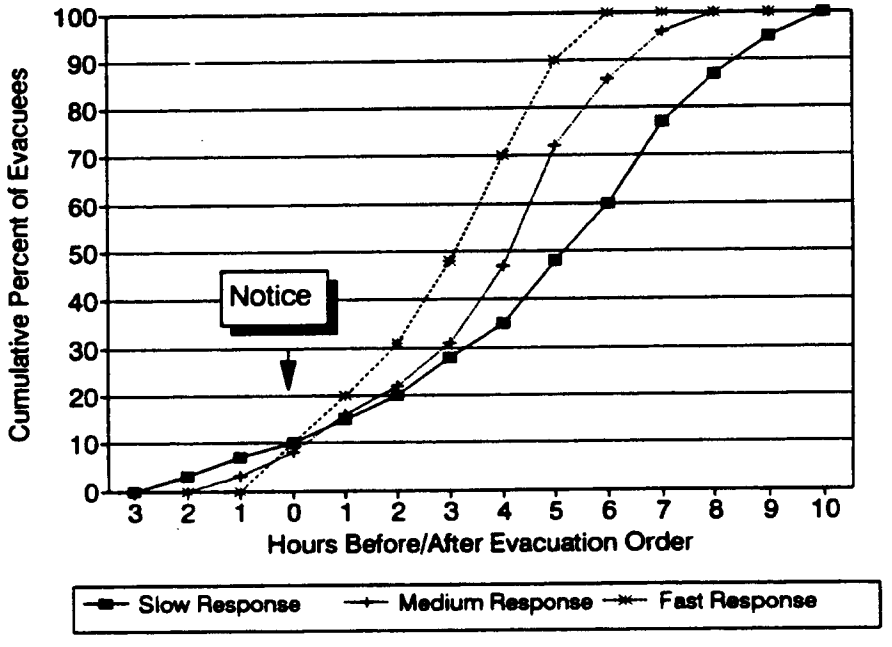
Regardless of the proficiency of emergency management officials, circumstances are going to arise sometimes in which very prompt evacuation is necessary. In other cases the notice will be issued earlier, and evacuation can proceed more leisurely. For planning, the three different timing response curves shown in Figure 1 should be evaluated, because eventually the Treasure Coast will

experience all three. In each threat scenario occupants of low risk areas will tend to wait longer to evacuate than those living in more hazardous locations.

Effect of Andrew

Due to the fact that the public will probably pay greater attention to hurricane information for the foreseeable future, response could be more prompt than it would have been before Andrew. Therefore, the "fast response" curve could become more frequent. Spontaneous evacuation (before officials advise or order it) is still unlikely to exceed 20%, however.

Figure 1. Evacuation Response Curves



Use of Public Shelters

Response in David

Table 3 summarizes public shelter use in hurricane David in 1979. Overall 18% of the evacuees went to public shelters (55% to friends and relatives, 15% to hotels and motels, 12% elsewhere). There appears to have been variation from zone to zone and county to county, but because of the small number of evacuees included in the coastal and interior samples, estimates for those areas are not very reliable. It is clear however, that a substantially larger portion of the evacuees from the interior sample used public shelters than from the middle and coastal zones. Elderly evacuees were somewhat more likely to use public shelters than younger evacuees. The trends are consistent with the general response model. People who evacuate from lower risk areas and elderly retirees are generally more likely to go to public shelters when they leave.

AGE	Coastal	Middle	Interior
>65	.24 +/- .16	.19 +/- .07	.62 +/- .23
<65	.08 +/- .07	.15 +/- .05	.45 +/- .14

Table 3. Actual public shelter use in David.

Hypothetical Use of Public Shelters

When asked what sort of shelter they expected to use if they evacuated, far more people said they would use public shelters than actually did in David (Table 4). This is an extremely common finding. In locations where actual evacuations

have been documented and there have also been hypothetical surveys conducted, the hypothetical public shelter use rate is usually double the actual usage.

AGE	Coastal	Middle	Interior
>65	.44 +/- .13	.54 +/- .04	.38 +/- .08
<65	.26 +/- .08	.51 +/- .04	.48 +/- .06

Table 4. Intended public shelter use in 1982 survey.

In some studies (but not the Treasure Coast survey), people who said they would use public shelters were asked whether they had friends or relatives in safe locations with whom they could stay if necessary. Most answered affirmatively. Those were then asked whether they might not actually stay with those friends and relatives rather than going to a public shelter. Again, most answered affirmatively, indicating the instability of the hypothetical response.

One reason that actual shelter use tends to be lower than hypothetical is that during hurricane threats, people tend to contact one another, with residents in safe locations often inviting and even urging friends and relatives to come to their houses. Thus options become available that might not have been assumed during a hypothetical interview. It is also likely that as evacuation nears, people consider the pro's and con's of public shelters more carefully, with many deciding in retrospect that public shelter conditions are not so attractive after all.

The Tampa Bay Experience

This is not to say that actual shelter use cannot under unusual circumstances be as high as the hypothetical, because like all other responses,

shelter use varies from threat to threat. A study in the Tampa Bay area indicates just how extreme conditions must be for actual shelter use to even approach results obtained in a hypothetical survey.

In a 1980 survey 38% of a four county sample said they intended to use public shelters if they evacuated, with another 17% saying they didn't know where they would go (Tampa Bay Regional Planning Council, 1981). In subsequent years the Tampa Bay Regional Planning Council conducted one of the most aggressive hurricane awareness efforts ever undertaken. Each summer since 1981 county-specific, large scale, detailed, attractive multicolor maps have been distributed as newspaper inserts and by other means to residents in the four counties. The maps allowed most residents to ascertain whether they lived in areas needing to evacuate in hurricanes of various intensities. The maps also depicted the exact location and address of all public shelters in each county, and an attached sheet indicated the shelter people in various areas should use and described the routes to follow to reach the shelters. That sort of excellent, widely distributed hurricane awareness material must be expected to *increase* the use of public shelters over that which it would have been before the repeated distribution of the maps and accompanying information concerning shelter availability and accessibility.

Moreover, the Elena evacuation in the Tampa Bay area occurred largely after midnight and with a sense of urgency. Near 11 PM, when officials became aware of a revised forecast, residents were told to evacuate and to do so quickly. Those circumstances resulted in more people staying in the local area and using public shelters than will be the case in the majority of evacuations. An evacuation which was expected to take more than 12 hours to complete was accomplished in approximately four.

A study conducted in Pinellas county shortly after Elena found that interviewed evacuees there were about half as likely to use public shelters as the

1981 hypothetical survey had found (Baker, 1987). A later study had similar conclusions for other counties in the region (Nelson et al., 1988). Thus, after several years of new, aggressive public awareness efforts publicizing the location of shelters and how to reach them, an evacuation occurred in unusual circumstances tending to maximize shelter demand. Under those conditions actual shelter use appeared to approach the figure yielded by a hypothetical survey preceding the public education campaign. Even with the awareness effort, most evacuations in the Tampa Bay area would not produce the shelter use resulting from the Elena threat.

	RISK AREA		
	High	Mod	Low
INCOME			
High	10%	15%	20%
Medium	15%	25%	30%
Low	-	40%	60%

Note:

Mobile home figures will be lower if on-site shelter is available.

Elderly evacuees will be more likely than others to use public shelters.

Table 5. Evacuees going to public shelters: planning assumptions.

Recommendations

Table 5 indicates the public shelter use figures to be used for planning in the Treasure Coast region. Only 12% of the evacuees from high risk areas are likely to use public shelters in most evacuations, and the figure is that high only because more than a third of the residents of high risk areas are over 65 years of

age. In retirement areas the elderly are more likely than other age groups to rely upon public shelters. In moderate risk areas shelter use will be slightly higher: 15% to 20%. In high income areas shelter use will be below 15%, and in low income areas it will be above 20%. In low risk areas people who evacuate (although they are a minority of residents in these areas) are more likely to use public shelters than evacuees from higher risk areas.

In David only about 20% of these residents evacuated, but of those who did, over half said they used public shelters. However, a localized gasoline shortage in 1979 combined with the fact that the evacuation order came fairly late (after 6pm) to cause shelter use in David to be higher than that which will usually occur. About 17% of these interior residents lived in mobile homes, and there is some evidence that mobile home residents tend to use public shelters more than most groups. The newer mobile home parks provide on-site shelter, however. Therefore it is unlikely that more than 40% to 45% of the evacuees will normally use public shelters. One reason that shelter use is higher in low risk areas is that income is usually lower. In high income pockets within these areas, shelter use will be below 20%. Shelter demand in these areas can also be reduced by public information programs pointing out other refuge alternatives.

Shelter selection by evacuees

There is little evidence indicating which shelter evacuees will select. The best indications are that shelter use is based mainly on proximity, familiarity, and social factors. Among evacuees not leaving the local area, most likely to go to a shelter that is near their home, one with which they are familiar (for instance, if their child attends a school being used as a shelter), and one where they believe they will be similar to other evacuees from a socioeconomic standpoint.

Race

Table 5 acknowledges that less affluent evacuees are more likely to use public shelters than others. Recent evidence from hurricane Hugo suggests that there might also be a separate effect due to race. In Hugo black evacuees, regardless of income, were more likely to use public shelters than whites. It is currently unknown whether the same tendency exists in Treasure Coast counties.

Effect of Andrew

There is no evidence at this time to suggest that Andrew will affect the percentage of evacuees using public shelters, although it is possible that experiences with public shelters in Treasure Coast counties in Andrew could have such an effect. Sample surveys would be necessary to document that sort of experience.

Vehicle Use

Not all available vehicles are used when a household evacuates because there is concern about separating the family in traffic. No data was collected in the 1982 survey concerning vehicle use in David. Respondents were asked, however, how many vehicles were present in the household and how many would be used in an evacuation. In the survey residents said they would use 56% of the available vehicles. That figure is lower than most hypothetical surveys find and also lower than that which has been documented in most actual evacuations. For planning a figure of 65% would be more prudent and reasonable. There is no reason to believe that Andrew will affect the behavior.

Leaving the Local Area

No data was collected in 1982 documenting whether evacuees in David left the local area. Local emergency management officials recall that there was a gasoline shortage in the region, however, and that probably deterred a number of evacuees from going to inland locations. The Treasure Coast region wasn't placed under a hurricane warning until 6pm on the day evacuation orders were issued. That was fairly late in the day, resulting in fewer people going inland than might otherwise have.

When asked whether in a hypothetical evacuation they would leave the county, 30% from the coastal sample, 22% from the middle, and 34% from the interior said they would go to another county if they evacuated. The figures are lower than those found in most hypothetical surveys.

In most actual evacuations evacuees from high risk areas are more likely to leave the area than evacuees from other locations, with people in low risk areas being the least likely to go very far. This is a result of several factors. Residents of the highest risk locations are usually more affluent than other people and might have greater mobility and be more able to afford inland motel accommodations. Evacuees from high risk locations also tend to leave earlier than other evacuees, thereby finding themselves with more time to reach more distant destinations. They leave earlier because the threat is more certain in risk areas, and the costs of waiting too long to evacuate are greater. Residents of low risk areas can afford the luxury of waiting until the last minute when they are sure whether a storm is actually going to strike the area.

Recommendations

Table 6 indicates the percentage of evacuees that will leave the local area from each of three risk areas and in each of two threat scenarios. The first threat is a very severe hurricane (Category 3 or greater) in which people are told in plenty of time to evacuate, say 24 hours before expected landfall. More people will leave their own county in that sort of circumstance.

Very Strong Storm, Early Evacuation			Weak Storm, Typical Timing		
Risk Area			Risk Area		
High	Mod	Low	High	Mod	Low
50%	35%	25%	40%	25%	20%

Note:

Last minute evacuation would result in lower rates.

Low income areas 10 percentage points lower.

Table 6. Percent of evacuees leaving local area: planning assumptions.

In the other threat the storm is weaker and people aren't told quite to early to evacuate, although there is ample time for everyone to reach safety. In a last minute, late night evacuation, the percentage of evacuees leaving the local area will be even lower than in this second scenario. Low income and elderly residents will be less likely than other people to leave the area. The figures should be reduced by about 10 percentage points for Indian River County due to the flooding propensity of the main evacuation route leading west.

Effect of Andrew

For a few years Andrew could cause more evacuees to leave the region unless evacuation routes are clogged with traffic. Accordingly, in Table 6 figures

for evacuees leaving the region from high risk areas are 10% higher than they would be otherwise, and those for moderate risk areas are 5% higher.

Post-Andrew Behavioral Analysis for Hurricane Evacuation Planning in the Treasure Coast Region of Florida

Prepared by

Hazards Management Group, Inc.
2308 Carrick Court
Tallahassee, FL 32308
(904) 893-8993

for the

U.S. Army Corps of Engineers
Jacksonville District

OCTOBER 1993

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

POST-ANDREW HURRICANE EVACUATION BEHAVIORAL ANALYSIS FOR THE TREASURE COAST REGION OF FLORIDA

Introduction

In February 1993 a report was prepared for the Treasure Coast region of Florida concerning public response during hurricane threats. The analysis relied upon a reanalysis of data originally collected for the first such report prepared in 1983. The original data included survey findings about public response in Indian River, St. Lucie, and Martin counties in hurricane David in 1979, as well as hypothetical response data from those counties. The 1993 report also employed survey data collected in Palm Beach county as part of the Southeast Florida behavioral analysis prepared in 1990.

When hurricane Andrew threatened south Florida in August of 1993, officials in Palm Beach, Martin, and St. Lucie counties called for evacuation. Thus, Andrew provided an opportunity to document actual response to a recent major hurricane in the region. Actual response data is the most useful in making projections about future evacuation behavior. The extreme destruction caused by Andrew in south Dade county also prompted concerns about how Andrew will affect future response in the Treasure Coast region. Specifically concerns were expressed that many residents of non-surge areas would attempt to evacuate out of the region

in future threats, making evacuation by residents of surge areas more difficult. A new analysis of hurricane evacuation behavior in the Treasure Coast region was conducted to use the new information about how residents responded during Andrew and how their response intentions have been affected by Andrew.

Methodology

Survey Questions

In January and February of 1993, following hurricane Andrew, Florida State University conducted a telephone survey with approximately 1200 residents of Broward, Dade, Monore, Collier, and Lee counties concerning their response in Andrew and future response intentions. Also in January and February of 1993 Hazards Management Group, for the Jacksonville District of the Corps of Engineers, used essentially the same questionnaire (a.k.a., interview schedule) to conduct an additional 250 interviews in Broward, Dade, and Monroe. The current Treasure Coast study used parts of that same questionnaire, supplemented with additional questions.

The basic questions asked of all respondents appear in Appendix A of this report. The word "SKIP" adjacent to a question number indicates a question asked in the earlier FSU and HMG surveys not asked in the Treasure Coast study. After Question 31 in the basic questionnaire Treasure Coast respondents were asked questions appearing in Appendix B or Appendix C of this report.

Questions in Appendix B, labeled "Section L," were asked of surge-zone residents in the Treasure Coast study. The same questions were asked of surge-zone respondents in Palm Beach county as part of the Southeast Florida Hurricane Evacuation Behavioral Analysis in 1990 and provide a pre-Andrew and post-Andrew reference point concerning future response intentions.

Questions in Appendix C, labeled "Section M," were asked of Treasure Coast residents living inland of Category 3 surge areas. The same questions were asked in a separate study in Broward and Dade counties. The questions were designed to indicate the likelihood of "over-response" by non-surge residents in future hurricane threats.

Sample

A total of 750 telephone interviews were conducted in Palm Beach, Martin, and St. Lucie counties. In each county 100 interviews were completed in the Category 1 surge zone, 100 in the Category 2-3 surge zone, and 50 inland of the Category 3 surge zone. The surge areas were defined as closely as possible to those used when Andrew struck, and might not be those currently in use.

In Palm Beach county the Category 1 zone consisted of the beaches east of the intracoastal waterway. The Category 3 surge zone generally followed U.S. 1, except in the extreme northern part of the county in which it extended well west of U.S. 1 and in the extreme south in which it

extended slightly east of U.S. 1. In Martin the Category 1 area was composed of the barrier island beaches and a strip extending approximately one-half mile inland along the mainland bordering the intracoastal waterway and along the mouth of the St. Lucie River. The Category 3 zone followed U.S. 1. In St. Lucie the Category 1 area was made up of the beaches east of the intracoastal waterway, and the Category 3 zone generally extended inland as far as U.S. 1.

Within each of the above zones streets were selected from street maps, then the streets were looked up in cross-reference telephone directories. Depending upon the length of the street within the zone, a number of phone numbers were selected on the street. Those numbers were then phoned for interviewing. Multiple attempts were made to reach numbers not answering initial calls, and only adults were interviewed. At valid households eventually reached, refusal rates were 19% in Palm Beach, 16% in Martin, and 14% in St. Lucie.

The survey results usually will be reported as percentages -- for example, the percentage of respondents in Palm Beach Category 1 surge areas who evacuated. Readers should remember, however, that the figures reported are based upon samples taken from larger populations. The sample values provide estimates of the values of the larger populations from which they were selected, but are usually not precisely the same as the true population values. In general, the larger the number of people in the sample, the

closer the sample value will be to the true population value. As noted above, 100 interviews were conducted in each county in both the Category 1 and Category 2-3 surge zones, plus 50 in each county inland of Category 3 surge areas. A sample of 100 will provide estimates which one can be 90% "confident" are within 5 to 8 percentage points of the true population values. If only half the sample of 100 say they evacuated in Andrew, however, and those 50 respondents are asked where they went, then response values for the destination variable will be based upon only 50 responses, not 100. With a sample of 50, one can be 90% "confident" of being within 7 to 11 percentage points of the actual population value. A sample of 25 is 90% "accurate" only within 10 to 17 percentage points. Therefore, readers should keep in mind that some estimates provided in this report are more statistically reliable than others. The report will caution the reader when responses are based upon particularly small samples, and in many cases data is not reported at all if it is based on an excessively small number of responses. In certain situations responses from the three counties are combined in order to yield a larger sample base. Combined data should be interpreted with care, however, because no attempt was made to weight the data differentially to reflect differences in county population before combining it.

Evacuation Rates in Andrew

Respondents were asked whether they left their homes to go someplace they believed would be safer when Andrew threatened. The results are given in Table 1. Response in the Category 1 zone was much higher in Palm Beach (72%) than in Martin (38%) and St. Lucie (47%). Although part of the Martin Category 1 zone was west of the intracoastal waterway, response was no different there than east of the waterway. Evacuation rates in the Category 2-3 zones were similar in all three counties: 30% in Palm Beach, 22% in Martin, and 29% in St. Lucie. Few residents inland of the Category 3 surge areas evacuated in any of the counties (7% in Palm Beach, 4% in Martin, and 11% in St. Lucie). Overall (combining the three counties) 52% left their homes in Category 1 areas, 27% in Category 2-3 areas, and 7% in inland areas.

Table 1. Evacuation rates by county and surge zone

	Category 1	Category 2-3	Inland
Palm Beach	72%	30%	7%
Martin	38%	22%	4%
St. Lucie	47%	29%	11%

Explanation for the differences among counties is at least partly attributable to differences in the extent to

were supposed to versus 14% who didn't hear. Seventy-six percent of those who believed the evacuation notice was mandatory left. Among interviewees saying that officials came into their neighborhoods with mandatory evacuation announcements, 85% left.

Other factors affecting response were relatively minor compared to risk area and perception of information from public officials. Mobile home residents were more likely to evacuate than other residents in Category 2-3 locations. People believing that Andrew would have caused their home to flood if the track had been different were much more likely to evacuate than others (63% vs. 35% in Category 1 areas and 37% vs. 16% in Category 2-3 areas). Those saying they had seen an evacuation map or brochure were more likely to evacuate in Category 1 areas but not in Category 2-3 ares. People in both areas were more likely to evacuate if they said they had made hurricane evacuation plans prior to Andrew (58% vs. 39% in Category 1 areas, 33% vs. 20% in Category 2-3 areas). Age of the respondent made no difference in the Category 1 area, but response tended to increase somewhat with age in the Category 2-3 areas (19% for those under 45 vs. 43% for those 65 and over). Length of residence in south Florida made little if any difference in evacuation in Category 2-3 areas but appeared to play a role in Category 1 areas (59% for those living in south Florida less 20 years or less, 43% for those 21 to 30 years, and 34% for those more than 30 years). Having children in

the home made no difference in either the Category 1 or Category 2-3 surge areas. Those owning pets in the Category 1 area responded no differently than those who didn't own pets, but in the Category 2-3 area pet owners were less likely to evacuate (18% vs. 39%). When asked an open-ended question as to why they did not evacuate, however, only 3 respondents mentioned their pets as a reason. Non-Hispanic whites appeared more likely to evacuate than other racial and ethnic groups in the Category 1 area, but not in the Category 2-3 area, although the relatively small number of minorities in the sample makes generalizations tenuous. Income had little if any effect on evacuation in any of areas.

which officials were successful in reaching residents with evacuation notices. Table 2 indicates whether respondents said they heard from officials that they should evacuate. In Palm Beach 46% of the Category 1 respondents said they heard from officials that they were supposed to evacuate, compared to 26% in Martin and 24% in St. Lucie. About the same number of Category 2-3 residents said they also heard official evacuation notices pertaining to them: 44% in Palm Beach, 19% in Martin, and 29% in St. Lucie.

In Palm Beach county, of those who said they heard that they were supposed to evacuate, a little more than half in the Category 1 zone and a little less than half in the Category 2-3 area believed the notices were mandatory. In Martin and St. Lucie less than half believed the notices were mandatory. Overall only 13% of the Category 1 residents and 11% of the Category 2-3 residents said they heard from officials that they *must* evacuate.

Hearing the evacuation notices and believing they were mandatory made a major difference in response. Averaging over the three counties, only 44% of the Category 1 residents who said they didn't hear from officials that they were supposed to evacuate left their homes, compared to 76% who said they did hear they were supposed to leave (Table 3). If they believed the notices were mandatory, 87% left, compared to 66% who believed the notices were only recommendations. Residents reporting that officials

physically came into their neighborhoods announcing that they must leave had even higher response rates (90%).

Table 2. Respondents hearing official evacuation notices.

	Heard Order	Heard Recommendation	Not Sure	Total Heard
Palm Beach				
Cat 1	23%	19%	4%	46%
Cat 2-3	18%	22%	4%	44%
Martin				
Cat 1	7%	17%	2%	26%
Cat 2-3	4%	8%	7%	19%
St. Lucie				
Cat 1	9%	14%	1%	24%
Cat 2-3	11%	16%	2%	29%

Table 3. Effect of evacuation notices on response.

	Cat 1	Cat 2-3
Didn't Hear Official Notice	44%	14%
Heard Official Recommendation	66%	41%
Heard Official Order	87%	76%
Heard Order & Officials Came Through Neighborhood	90%	85%

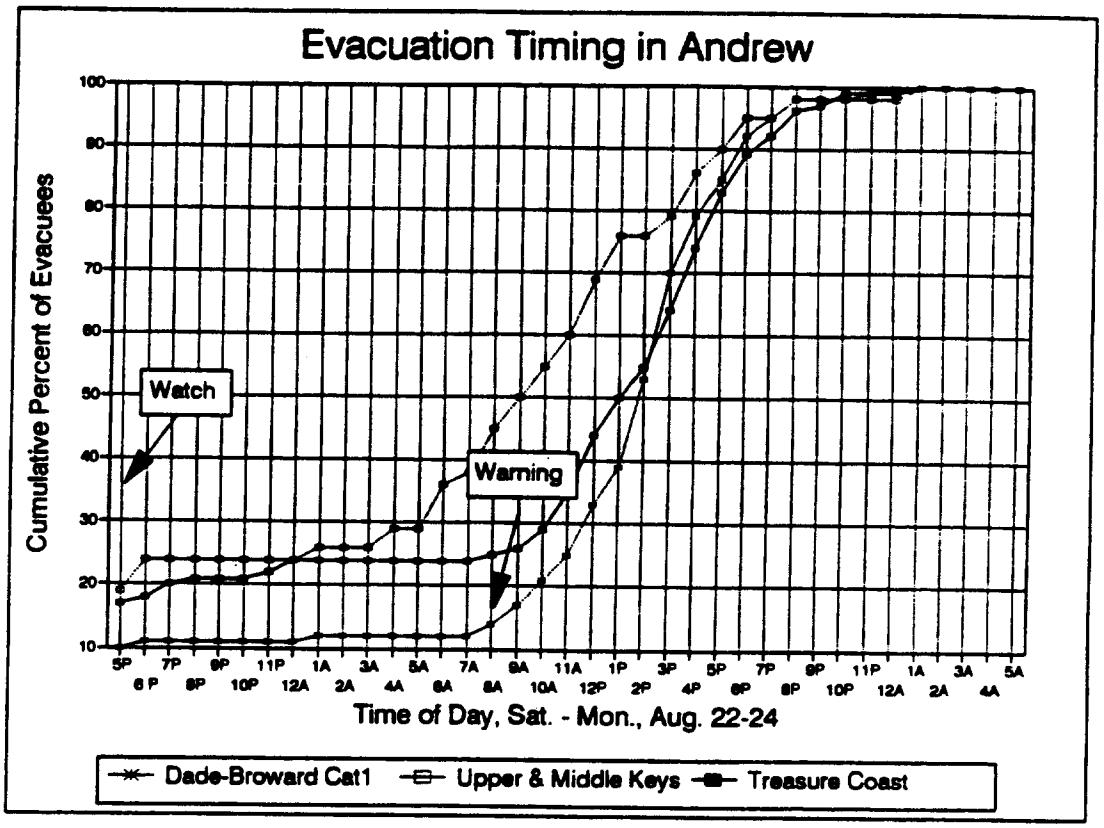
Differences in the Category 2-3 areas were no less dramatic and significant. Fifty-five percent of residents in these areas left if they heard from officials that they

Evacuation Timing in Andrew

Figure 1 is included reluctantly. It depicts the cumulative percentage of evacuees who had left by various times, starting at 5 PM August 21 when a hurricane watch was first issued, and ending at 5 AM August 23 when landfall occurred. Reluctance to include the figure stems from the fact that the Treasure Coast curve was derived from respondents' recollections of what time of day they left their homes more than a year ago. This is much more difficult information to recall precisely than whether one evacuated at all, where one went, and so forth.

The heavy solid curve in Figure 1 indicates reported response in the Treasure Coast region. The lighter dotted curves indicate reported responses in Dade, Broward, and Monroe counties, derived from survey data collected five to six months after Andrew struck. According to the year-after surveys, 25% of the eventual evacuees from the Treasure Coast area said they had left before the hurricane warning was issued. The Treasure Coast curve actually appears ahead of the Dade and Broward curve until Sunday afternoon. This is especially peculiar and suspicious since evacuation notices were issued earlier on Sunday in Dade and Broward than in the Treasure Coast counties (8 AM in Dade and Broward, noon in Martin, 2 PM in Palm Beach, and 4 PM in St. Lucie).

Fig. 1. Cumulative evacuation curves reported in Andrew



It is likely that some of the Treasure Coast respondents recalled that they left substantially earlier than they actually did. In the interview respondents were reminded of the times when the watch and warning were issued but *weren't* told when (or if) local officials issued evacuation notices. Many respondents probably keyed on the times when the watch and warning were issued. Overall, however, the shape of the curve is as one would expect, and the great majority of evacuees left after warnings were first issued, which is normal.

Types of Refuge Used in Andrew

Table 4 displays the distribution of evacuees by type of refuge used, for locations having at least 25 evacuees. Note that for all locations except the Palm Beach Category 1 area, the figures are statistically unreliable due to the small number of evacuees in those areas. Few evacuees used public shelters in any of the locations. Overall, combining the counties to produce more statistically reliable estimates, only 3% of the evacuees went to public shelters.

Table 4. Type of refuge used in Andrew

	Public Shelter	Friend/ Relative	Hotel/ Motel	Other
Palm Beach				
Cat 1	4%	68%	13%	15%
Cat 2/3	0%	74%	19%	7%
Martin				
Cat 1	4%	59%	11%	26%
St. Lucie				
Cat 1	0%	66%	29%	5%
Cat 2-3	4%	62%	35%	0%
Combined				
Cat 1	3%	66%	17%	14%
Cat 2-3	3%	67%	24%	6%

In all areas, most of those leaving their homes went to the homes of friends or relatives (67% overall). More people went to hotels and motels than public shelters (17% of the evacuees from Category 1 areas and 24% of those from Category 2-3 areas). The remainder were scattered among a variety of places such as churches, workplaces, and second homes.

Tests to identify factors influencing reliance upon public shelters were difficult due to the low number of evacuees using public shelters. People saying they had not made evacuation plans before Andrew were somewhat more likely to go to public shelters, but other tests were inconclusive. In response to an open ended question asking respondents why they didn't evacuate, fewer than 3% indicated that lack of a place to go kept them from evacuating.

Destinations of Evacuees in Andrew

Table 5 indicates the geographical destinations of evacuees. Few evacuees from Palm Beach county left their own county (17% from Category 1 areas and 32% from Category 2-3 areas). Just the opposite was true for Martin. From Category 1 areas 63% left Martin county, and from Category 2-3 areas, 59% left. St. Lucie evacuees were in between, with slightly less than half leaving their county (49% from Category 1 areas and 45% from Category 2-3 areas). As noted elsewhere, however, only the Palm Beach Category 1 figures are reliable due to the small number of evacuees in the other locations. Combining the counties gives more statistically reliable estimates: 38% leaving their own county from Category 1 areas and 44% leaving their own county from Category 2-3 areas.

Of those leaving their own county, 25% went to another county within the Treasure Coast region (including Indian River). Most of those leaving their county (42%) went to interior destinations such as Orlando or to the Tampa Bay area. Fourteen percent went north along I-95, and 18% went south to Broward and Dade.

Table 5. Evacuation destinations in Andrew.

	Within County	Out of County
Palm Beach		
Cat 1	83%	17%
Cat 2-3	68%	32%
Martin		
Cat 1	37%	63%
Cat 2-3	41%	59%
St. Lucie		
Cat 1	51%	49%
Cat 2-3	55%	45%
Combined		
Cat 1	62%	38%
Cat 2-3	56%	44%

	Out-of-County Destinations			
	South	Within Region	North	Inland/ West Coast
Combined	18%	25%	14%	42%

Transportation in Andrew

In Palm Beach and Martin counties 70% of the available vehicles were used by evacuees. In St. Lucie the figure was 84%. The Palm Beach and Martin figures are within normal ranges documented elsewhere, but the St. Lucie total is very high. In Palm Beach 3% of the evacuees said they pulled trailers, boats, or campers or drove motorhomes, with 2% in Martin and 5% in St. Lucie doing so. Only one respondent indicated they failed to evacuate due to a lack of transportation.

When evacuees were asked whether they required assistance in evacuating only one indicated they required assistance from an agency. Six (out of 225) said they required assistance from someone within their own home, and three said they required help from friends or relatives outside their home. When stayers were asked why they didn't evacuate, three (out of 552) said that caring for a disabled or ill relative kept them from evacuating. Those might have been related to concern about caring for the relatives at shelters rather than concerns about transporting them.

Intentions to Respond in Future Threats

Surge Zones

Residents of surge zones were presented with a hypothetical hurricane threat in which there was a Category 3 hurricane, a hurricane watch was in effect, and local officials had not advised any specific actions. They were told the hurricane watch meant the storm probably wouldn't hit within the next 24 hours if it hit at all, but low places in roads could be flooded before the worst of the hurricane arrived. They were asked whether they would leave their home to go some place safer under those circumstances. (See Appendix B.) Table 6 summarizes the results.

Table 6. Surge residents' intended responses to Category 3 hurricane, watch, no evacuation notice.

	Evacuate	Wait	Don't Know/ Other
Palm Beach			
Cat 1	44%	52%	4%
Cat 2-3	34%	61%	4%
Martin			
Cat 1	49%	50%	2%
Cat 2-3	57%	36%	7%
St. Lucie			
Cat 1	55%	40%	5%
Cat 2-3	58%	36%	4%

Approximately half the respondents from Category 1 areas said they would evacuate (44% from Palm Beach, 49% from Martin, and 55% from St. Lucie). About a third (34%) from the Palm Beach Category 2-3 area said they would leave, but more than half the respondents from Martin (57%) and St. Lucie (58%) Category 2-3 areas said they would evacuate at that time. The same scenario was posed to Palm Beach county respondents in a 1990 telephone survey, with similar results. At that time 56% of the Category 1 residents and 36% of the Category 2-3 residents said they would leave. Residents of Broward and Dade gave very similar responses in the 1990 survey.

Respondents were then told the same storm was now closer, a hurricane warning was in effect, and local officials had ordered their area to evacuate. Rather than asking whether they would evacuate, they were asked where they would go when they evacuated. The format was intended to identify those respondents who felt most strongly about staying, requiring them to point out that they would not evacuate at all.

The results appear in Table 7. The left-hand column lists those who said they would stay. In all instances the figure was 10% or fewer. The lowest was in the St. Lucie Category 1 area where no one said they would refuse to leave. The Palm Beach results regarding stayers were almost identical to those in 1990.

Table 7. Surge residents' intended responses to Category 3 hurricane, warning, evacuation ordered.

	STAY	Public Shelter	Friend/ Relative	Hotel/ Motel	Other /DK
Palm Beach					
Cat 1	9%	6%	51%	21%	13%
Cat 2-3	10%	12%	33%	18%	26%
Martin					
Cat 1	6%	21%	40%	14%	19%
Cat 2-3	9%	12%	38%	14%	27%
St. Lucie					
Cat 1	0%	11%	43%	26%	20%
Cat 2-3	5%	18%	36%	19%	22%

Intended public shelter use was significantly higher than actual use in Andrew. Intended use varied from a low of 6% in the Palm Beach Category 1 area to a high of 21% in the Martin Category 1 area (which was almost matched by 18% in the St. Lucie Category 2-3 area). Those intending to use public shelters in Palm Beach county were somewhat down from the 1990 survey, however. In the earlier survey 11% of the beach residents said they would use public shelters (6% after Andrew), and 17% of the Category 2-3 residents said they would go to public shelters (12% after Andrew). Overall, more than half (55%) of those saying they would go to public shelters said they had friends or relatives in safe locations with whom they could stay.

accurately for high and moderate risk areas (roughly corresponding to Category 1 and 2-3 zones respectively), for residents who said they heard they were being ordered to evacuate. Although the original report alluded to the fact that evacuation notices had to be communicated effectively in order to maximize response (above levels observed in David, for example), the point was probably not made explicitly enough (except in reference to mobile homes) that the responses listed in the table were dependent upon people receiving and accurately comprehending evacuation notices from officials. If only half the residents in surge areas hear that they are supposed to evacuate, as respondents in Palm Beach county reported, or if only a fourth do so, as respondents in Martin and St. Lucie reported, response rates will be more like those in Andrew than those in Table 17. Emergency management has little control over how effectively and aggressively evacuation notices are actually disseminated, but if a community does not have the resources to go door-to-door or at least go repeatedly into neighborhoods with loudspeakers, evacuation rates will be lower than those in Table 17, probably 25% lower in high and moderate risk areas.

It is also true, however, that the Treasure Coast counties, especially Martin and St. Lucie, were far enough north of the forecast track when the warning was issued that many residents discounted the threat more than they would have if the forecast track had been more in their direction.

If the storm had turned north to the Treasure Coast region, more people would have evacuated but not as early as in Andrew.

The damage caused by Andrew in south Dade county has certainly made the public in all of south Florida more attuned to hurricane information. The same evacuation notice dissemination efforts used in Andrew would probably result in more people saying the heard officials say they should evacuate than said so in Andrew. Many residents inland of surge areas are also more concerned about their safety now than they were before Andrew. How these concerns translate into behavior is a different matter, however.

In Palm Beach county, intended evacuation rates in surge areas are about the same now as in 1990. If comparable data existed for Martin and St. Lucie counties there is no reason to believe response intentions would have changed there since 1990 either. In 1990 in Palm Beach, Broward, Dade, and Monroe counties at least half the residents of Category 1 surge areas said they would leave during a watch before notices from public officials, and about a third of the Category 2-3 residents said the same. In Andrew the actual percentage of the population which evacuated during the watch was a small percentage of those who said they would, and that was also true in Broward, Dade, and Monroe. It is virtually *always true*: people are far more likely to say they would evacuate in low risk situations than they actually are.

Implications for Future Response

The post-Andrew survey data provides extremely valuable information for reconsidering the behavioral assumptions produced in the February 1993 Hurricane Evacuation Behavioral Analysis for the Treasure Coast Region. However, it must be used carefully. Public response in one hurricane will not usually be the same response in all hurricanes, mainly because future storms and the circumstances surrounding them will be different, but sometimes because experiences in one storm influence future response. Therefore, just as response in David in 1979 was not used as the sole guide prior to Andrew for deriving behavioral assumptions, neither will Andrew now. The best use of Andrew response data is to assess whether it was adequately consistent with responses which should have been anticipated by use of the General Response Model which was derived from analysis of response patterns in a large number of locations in many previous hurricane evacuations.

The survey questions eliciting intended responses to hypothetical hurricane scenarios are useful in making comparisons such as before and after Andrew, between locations, and between scenarios. Intended response data is a notoriously poor predictor of actual response when taken literally and at face value, however. The Andrew response data and post-Andrew intended response data will be used to reassess and refine previously derived behavioral

assumptions for the Treasure Coast Region rather than construct new assumptions from scratch.

Evacuation Rates

The February 1993 report included a table summarizing behavioral assumptions regarding evacuation rates for two hurricane scenarios, for each of three categories of risk area, and two types of housing (mobile homes and housing other than mobile homes). A version of that table appears below as Table 17.

Table 17. Evacuation rates to be used for planning.

Severe Storm Evacuation Ordered in High and Moderate Risk Areas and Mobile Homes			Weak Storm Evacuation Ordered in High Risk Areas Only but All Mobile Homes		
RISK AREA					
High	Mod	Low	High	Mod	Low
Housing Other Than Mobile Homes					
90%+	75%	15%	85%	40%	10%
Mobile Homes					
95%	90%	80%	90%	75%	65%

Andrew fitted the storm scenario described on the left: severe storm, evacuation ordered in high and moderate risk areas and mobile homes. The values appearing in the original table matched response in Andrew extremely

responses. This question demonstrates how sensitive intended responses can be to variations in information.

A few respondents (as many as 14% in St. Lucie county) said they would go to local shelters, and others (less than 5% overall) said they would go elsewhere within their county. An additional 6% overall said they didn't know where they would go. Three additional questions were asked to gain greater insight into people's beliefs about the safety of various places in their communities.

Respondents were asked whether they thought they would be safe in their own house in a storm like Andrew, even if it were damaged by the storm. They were also asked if they had friends or relatives in their community in whose house they would be safe in a storm like Andrew and if they thought they would be safe in a local public shelter in a storm like Andrew. The results are given in Tables 14, 15, and 16.

Table 14. Inland residents' belief their own house would be safe in storm like Andrew.

	Yes	No	Don't Know/ Depends
Palm Beach	52%	38%	10%
Martin	51%	35%	14%
St. Lucie	41%	45%	14%

Table 15. Inland residents' belief a local friend or relative's house would be safe in storm like Andrew.

	Yes	No	Don't Know/ Depends
Palm Beach	44%	46%	10%
Martin	49%	49%	2%
St. Lucie	33%	63%	4%

Table 16. Inland residents' belief a local shelter would be safe in storm like Andrew.

	Yes	No	Don't Know/ Depends
Palm Beach	53%	33%	14%
Martin	43%	35%	22%
St. Lucie	51%	27%	22%

Except in St. Lucie about half the respondents believed their houses would be safe in a storm like Andrew, which leads to concern about the likely behavior of the other half (more than half in St. Lucie). That is, if people don't believe their houses would be safe, it would seem more likely that they would attempt to go someplace else. Even fewer people believe they have a local friend or relative whose house would be safe in a storm like Andrew, and about the same number of people have confidence in public shelters as have confidence in their own homes. However, the percentage who have confidence *neither* in their own home, *nor* a local friend's, *nor* a local public shelter is only 14%. That is the group most likely to leave the local area.

Table 11. Inland residents' intended responses in Category 3 hurricane, warning, evacuation ordered for Cat 1-3 surge areas and mobile homes only.

	Leave County	Evacuate in County	Wait	Other /DK	STAY
Palm Beach	22%	6%	24%	0%	46%
Martin	20%	4%	14%	4%	57%
St. Lucie	20%	18%	12%	17%	33%

Table 12 indicates the sort of refuge intended evacuees planned to seek. Note that the figures reported in Table 12 are based on very few people saying they would evacuate in any single county. The combined sample is slightly more reliable, indicating that 20% of the intended evacuees planned to go to public shelters, significantly higher than in Andrew.

Table 12. Inland intended evacuees planned refuges in Category 3 hurricane.

	Public Shelter	Friend/ Relative	Hotel/ Motel	Other /DK
Palm Beach	25%	50%	8%	17%
Martin	13%	33%	13%	41%
St. Lucie	23%	33%	17%	27%

In areas where officials are concerned that over-response from inland areas will drive up clearance times to unmanageable levels, it is plausible that officials will use the media to explain why it is unnecessary for residents of non-surge areas to evacuate and why they should not. To

test the impact of that sort of message, respondents were presented with another scenario. They were told that part of the community was being told to evacuate with a strong storm approaching, and officials had appealed to the respondents *not* to try to evacuate outside their own county. Officials had explained that the respondents' location would definitely not flood, and that if occupants took proper safety measures houses of average construction would probably be safe, even if they suffered major damage. Finally, officials had explained that if people from the respondents' area tried to evacuate outside the county, it would cause roads being used by people evacuating from more dangerous locations to become clogged with traffic, causing *no one* to be able to get out safely. Responses are given in Table 13.

Table 13. Inland residents' intended responses to official appeals to not evacuate out of county.

	Out Anyway	Local Shelter	Other Local	Stay Home	Other /DK
Palm Beach	10%	2%	6%	75%	6%
Martin	6%	0%	6%	81%	9%
St. Lucie	5%	14%	2%	75%	5%

Few people (5% to 10%) said they would still attempt to leave their local area, and overall these levels were only a third as high as the original intended out-of-county

Appendix C.). They were asked whether they would evacuate out of the county, evacuate within the county, or not evacuate at that time. Responses are given in Table 9. Note that although separate responses are given for each county, there were only 50 respondents in each county. Thus differences among the counties might not be as large as they appear.

Table 9. Inland residents' intended responses to Category 2 hurricane, watch, no evacuation notice.

	Leave County	Evacuate in County	Wait	Other /DK
Palm Beach	12%	8%	72%	6%
Martin	16%	2%	63%	20%
St. Lucie	18%	10%	55%	14%

The majority clearly did not intend to evacuate either out of their county or elsewhere under those circumstances. Those considered to have the greatest impact on clearance times are those leaving their own counties, and very few (12% in Palm Beach, 16% in Martin, and 18% in St. Lucie) said they would do so given the scenario described above.

A second scenario was then described in which all variables were the same except that the storm was a Category 3 with winds of 125 MPH (compared to 100 MPH in the original threat). Responses appear in Table 10. Those intending to go out of county rose in Palm Beach county to 20%, but

response in Martin and St. Lucie changed little if any (16% in Martin and 20% in St. Lucie).

Table 10. Inland residents intended responses to Category 3 hurricane, watch, no evacuation notices.

	Leave County	Evacuate in County	Wait	Other /DK
Palm Beach	20%	8%	68%	4%
Martin	16%	6%	65%	14%
St. Lucie	18%	10%	55%	14%

Finally, respondents were told that the Category 3 storm was closer and a hurricane warning had been posted from Key West to Titusville, meaning that the storm was expected to hit someplace within that area within the next 24 hours. They were told that shelters had been opened and that officials had ordered everyone living in mobile homes and everyone living in Category 1, 2, and 3 storm surge zones to evacuate. Respondents were told that would *not* include them unless they lived in a mobile home. (None of the inland sample respondents lived in mobile homes.) Table 11 contains the responses.

The new information had little effect on response, particularly on those intending to leave their own county. Intended evacuation out of county was approximately 20% in each county. Table 11 includes a new response category, those who felt certain they wouldn't evacuate at all, as opposed to those who simply wouldn't evacuate at that time.

Table 8 indicates the geographical locations where intended evacuees said they would go. Half the Palm Beach respondents said they would stay in their own county, whereas only 20% of Martin and 25% of St. Lucie interviewees said they would go to destinations within their counties. Although the numbers are different (with a greater percentage of intended evacuees saying they would leave their county than actually did in Andrew), the patterns among counties are similar to those in Andrew, with more evacuees staying in Palm Beach than in Martin and St. Lucie. The total percentages assigned to each destination area in Table 8 are generally lower than those in Andrew because of the number of "don't know" responses in the hypothetical.

Table 8. Surge residents' intended destinations in Category 3 hurricane, warning, evacuation ordered.

	ORIGIN		
DESTINATION	Palm Beach	Martin	St. Lucie
Palm Beach	50%	3%	4%
Martin	0%	20%	2%
St. Lucie	1%	5%	25%
South	4%	14%	4%
North	10%	17%	22%
Inland/ West	20%	23%	20%
Don't Know	15%	18%	23%

In the 1990 survey 67% of the Palm Beach intended evacuees said they would stay in the county, compared to 50% after Andrew. The 1990 figure might not be completely comparable, however, because the 1990 report did not report a "don't know" total. Thus the 67% might have meant 67% of those indicating a specific location. Leaving out the "don't know's" from Table 8, 59% of the Palm Beach intended evacuees identifying a specific destination said they would stay in Palm Beach county.

Areas Inland of Category 3 Surge Zones

The scenarios used in the surge zones were chosen to provide a pre-Andrew and post-Andrew comparison, at least in Palm Beach county. Comparable interviews weren't conducted in inland areas in the 1990 survey, however, so there was no advantage in using the surge zone scenarios in those areas. The goal was to describe threat scenarios with the same sort of information the public would be likely to hear during a real threat, but in abbreviated form.

Residents inland of Category 3 surge areas were initially presented with a Category 2 hurricane with winds of 100 MPH, and they were reminded that Andrew had been a Category 4. There was a hurricane watch in effect for most of the east coast of Florida, meaning the storm could hit someplace on the east coast within the next 36 hours. Public officials had not yet recommended that anyone evacuate, and public shelters were not yet open (See

When the original behavioral survey was performed in the Treasure Coast region in 1982 or 1983 part of the sampling was in inland locations (roughly inland of I-95 in Indian River county and inland of Florida's Turnpike in St. Lucie and Martin). When posed with a hypothetical strong recommendation by a government authority that they evacuate, 95% said they would. In Andrew officials did not strongly recommend that they evacuate, but if they had, far fewer than 95% would have.

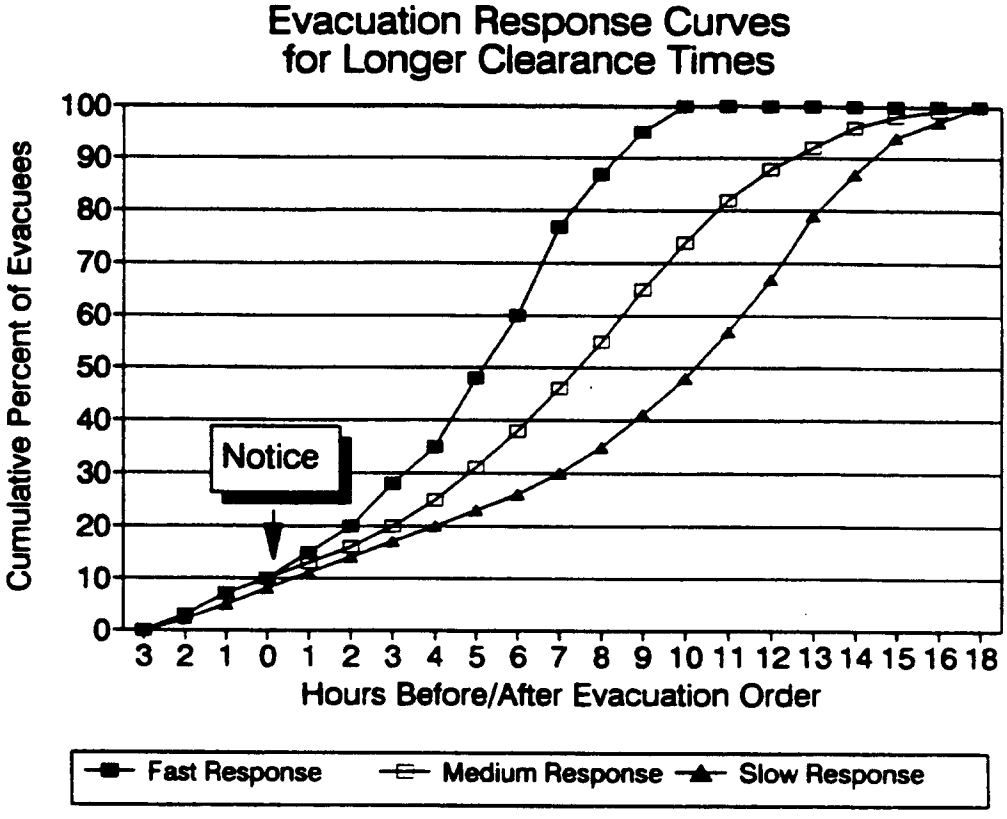
If planners want to err of the side of extreme caution (i.e., assume higher than probable responses) in inland areas, they can use the intended responses in Tables 9, 10, and 11. In fact, however, in most hurricanes the actual number of people evacuating their homes in inland areas will be less than half those values.

Table 17 uses a value of 15% in strong storms and 10% in weak storms in low risk areas. These are actually lower than values appearing in the February 1993 report. The reduction occurs due to a change in the application of the term low risk area. In the earlier document it was described as an area where the primary hazard was wind, but the response figure assigned to it was actually intended to apply to the parts closest to surge areas rather than applying throughout the entire inland area of the county. The new figures should be used for all of the county inland of surge areas.

Evacuation Timing

The February report provided three cumulative response curves: slow, medium, and fast, in relation to how many evacuees would leave relative to the timing of an evacuation notice. Such curves will vary depending upon how long before the projected arrival of the hurricane the evacuation notices are issued. Those times are in turn tied to clearance times. The curves used in the February report are most appropriate for evacuations in which notices are issued *no more* than 12 to 15 hours before the arrival of tropical storm conditions. They fitted the situation in Andrew in the Treasure Coast counties. It seems probable, however, that there could be storm threats in which evacuation notices are issued earlier, particularly for evacuees leaving the region in a Category 4-5 hurricane when Dade and Broward are also evacuating. In those cases "flatter" curves should be used, and three scenarios are provided in Figure 2 below. They apply to situations in which evacuation notices are issued 18 to 24 hours before tropical storm forces winds are expected to arrive. The fast response curve would occur if evacuees perceived a sense of urgency, the medium curve would usually apply if the evacuation began in morning hours without a sense of urgency, and the slow curve would be more likely to apply if the evacuation notice was issued during evening hours without a sense of urgency.

Fig. 2. Cumulative evacuation response curves for use in planning for evacuations with 18 to 24 hours lead times.



Type of Refuge

Use of public shelters in Andrew was significantly lower than intended shelter use rates as indicated in the original 1982-83 behavioral survey, lower than shelter use in David in 1979, lower than intended shelter use as indicated in the survey conducted for the current study, and

lower than those recommended for planning purposes in the February behavioral analysis report prepared for the region (Table 5 in that report). Intended shelter use rates are always higher than actual use, but the recommendations in the February report were made higher than they otherwise would have been because of the higher than normal shelter use rates documented in David. There is a question now as to whether use in David was an aberration, use in Andrew was an aberration, or whether factors influencing shelter use have simply changed since 1979. One possibility is that officials discourage shelter use more now than in 1979.

If officials want to be extremely liberal in estimating shelter demand, they can use the recommendations appearing in the February document. Indications are, however, that those given in Table 18 will pertain in most evacuations.

Table 18. Public shelter use rates for planning purposes.

	RISK AREA		
INCOME	High	Mod	Low
High	5%	10%	15%
Medium	10%	15%	20%
Low	.	25%	35%

Note:

Mobile home figures will be lower if on-site shelter is available.
Elderly evacuees will be more likely than others to use public shelters.

Destinations of Evacuees

The percentage of evacuees who will leave the local area is one of the most difficult evacuation behaviors to predict because it varies so much from one region to another. Assuming that Andrew fitted the "very strong storm, early evacuation" scenario, the recommendations in the February report matched behavior in Andrew well in certain locations and circumstances (Palm Beach Cat 2-3 area, for example) and not in others (Palm Beach Cat 1). In general (combining the responses across counties) the recommendations were too high for Category 1 (50% recommended, 38% actual) areas and too low in Cat 2-3 areas (35% recommended, 44% actual). Too few evacuated from inland areas to estimate how many left their counties.

Generalizations are made more difficult because of the differences among counties. Estimates for Martin and St. Lucie are not particularly reliable due to the smaller number of evacuees from those counties, but they do appear to have been different from Palm Beach. The 17% figure leaving Palm Beach county was extremely low in comparison to most evacuations. Only half the Palm Beach intended evacuees from surge areas said they would stay in their own county in the hypothetical Category 3 threat scenario, which is significantly fewer than stayed in Andrew. In Martin and St. Lucie counties only 20% to 25% said they would stay, which is also fewer than stayed in Andrew. (In the

hypothetical scenario 15% to 23% also said they didn't know where they would go, however, and most of those might stay behind.) The higher rates of intention to go out-of-town could be a consequence of Andrew. More might plan to leave due to the destruction observed in Dade county.

When an actual threat develops, however, practical circumstances often interfere with intentions to leave the local area. Even if Andrew has made surge residents more likely to go out of town than they would have before Andrew, fewer will go out of town than anticipate doing so. Table 19 is revised from the February report to indicate slightly higher percentages of evacuees from surge areas leaving their own county. In Palm Beach county the figures will be lower, with 40% of the evacuees going out-of-county from surge areas.

Table 19. Evacuees going out of county.

Very Strong Storm, Early Evacuation			Weak Storm, Typical Timing		
Risk Area			Risk Area		
High	Mod	Low	High	Mod	Low
60%	45%	40%	50%	40%	25%

Note:

Last minute evacuation would result in lower rates.

Low income areas 10 percentage points lower.

An earlier section of this report indicated that despite intentions, the actual percentage of inland residents living in housing other than mobile homes who will evacuate in future threats will only be 15% in severe storms and 10% in weak storms. Of those inland residents who leave their homes, more now are likely to leave their local area than before Andrew. The February behavioral analysis report indicated that 25% of the inland evacuees would leave their county in a strong storm and 20% in a weaker storm. If another evacuation were to occur this year the percentages would be higher and are reflected in Table 19. Over time the out-of-county evacuation rates will become more like those in Table 6 of the February report.

Transportation

The February report recommended that planners assume that 65% of the available vehicles would be used in an evacuation. In Andrew the figure was 70% in Palm Beach and Martin counties but 84% in St. Lucie. The St. Lucie number is much higher than normally observed in hurricane evacuations and could be attributable to the sampling error. It would be reasonable to assume 70% in Martin and Palm Beach and 75% in St. Lucie in the future.

Appendix A

Basic Questionnaire

HURRICANE ANDREW
RESPONSE QUESTIONNAIRE

To refresh your memory about dates and times, on Saturday August 22 Hurricane Andrew began to look like it could hit south Florida. At 5 p.m. on Saturday evening the National Hurricane Center issued a *Hurricane Watch* for the east coast of Florida. At 8 a.m. the following morning – i.e., Sunday morning – the Hurricane Center issued a *Hurricane Warning*. Landfall occurred early Monday morning, around 5 a.m.

1. **Were you in South Florida (i.e., not out-of-town) when Andrew began to threaten this area?**

IF NO, ASK IF ANYONE ELSE IN THE HOUSEHOLD WAS PRESENT AND ASK TO SPEAK TO THEM.

IF NO ONE IN THE HOUSEHOLD WAS PRESENT AND AREA IS 71, 72, 81, 82, 91 OR 92 (SECTION L) TERMINATE INTERVIEW.

IF NO ONE IN THE HOUSEHOLD WAS PRESENT AND AREA IS 04, 05, 06, 07, 08, 09, 61, 62, 73, 83, OR 93 (SECTION M) GO TO QUESTION 23.

IF YES, BEGIN WITH QUESTION 1a.

1a. **Were you living at this address at the time?**

[ ] 1 Yes
[ ] 5 No

IF NO: **Where were you living at that time?**

Name of city or community _____

In which county is that? _____

What is the zip code? _____

2. **I'd like to ask you about when Andrew threatened this area – that is, on Saturday August 22 or Sunday the 23rd. Did you leave your home to go someplace safer before the hurricane?**

[ ] 1 Yes (GO. TO Q. 4)
[ ] 5 No (GO TO Q. 3)
[ ] 9 Don't Know

3. **What made you decide not to go anyplace else?**

CODE UP TO 3 RESPONSES	
[ ] 01 Storm not severe/house adequate	[ ] 09 Had no place to go
[ ] 02 Officials said evacuation unnecessary	[ ] 10 Wanted to protect property from looters
[ ] 03 Media said evacuation unnecessary	[ ] 11 Wanted to protect property from storm
[ ] 04 Friend/relative said evacuation unnecessary	[ ] 12 Left unnecessarily in past storms
[ ] 05 Officials didn't say to evacuate	[ ] 13 Job required staying
[ ] 06 Probabilities indicated low chance of hit	[ ] 14 Too dangerous to evacuate
[ ] 07 Other information indicated storm wouldn't hit	[ ] 15 Other (_____) (Specify)
[ ] 08 Had no transportation	[ ] 99 Don't Know

GO TO Q.14.

4. **Did you go to a public shelter, a friend or relative's house, a hotel or motel, or somewhere else?**

[ ] 1 Public Shelter (Red Cross)
[ ] 2 Church
[ ] 3 Friend/Relative
[ ] 4 Hotel/Motel
[ ] 5 Mobile Home park
[ ] 6 Florida International University
[ ] 7 Other (_____) Specify
[ ] 9 Don't Know

5. **Where was that located?**

[ ] 1 In same county as residence (_____) Name of City

[ ] 5 Out of County (_____) Name of City, County, State

[ ] 9 Don't Know

6. **What convinced you to go someplace safer? Was it:**

READ (CODE UP TO 3 RESPONSES)

[ ] 01 Advice or order by elected officials?
[ ] 02 Advice from Weather Service?
[ ] 03 Advice/order from police officer or fire fighter?
[ ] 04 Advice from media?
[ ] 05 Advice from friend or relative?
[ ] 06 Concern about severity of storm?
[ ] 07 Concern that storm might hit?
[ ] 08 Heard probability (odds) of hit?
[ ] 09 Or some other reason? (_____) Specify

[ ] 99 Don't Know

ASK QUESTIONS 32 AND 33 OF AREAS 04, 05, 06, 07, 08, 09 OR IF LIVING IN DADE WHEN ANDREW HIT. (REFER TO "COUNTY" IN Q.1a).

32. **In dollars, about how much damage did your home experience?**

READ	
[ ] 1	Less than $100?
[ ] 2	$100 to $999?
[ ] 3	$1,000 to $4,999?
[ ] 4	$5,000 to $9,999?
[ ] 5	$10,000 to $24,999?
[ ] 6	$25,000 to $49,999?
[ ] 7	$50,000 or more?
[ ] 9	DK/Refused

33. **Could you live in your house after the storm?**

[ ] 1	Yes
[ ] 5	No
[ ] 9	Don't Know

Now, I would like to ask a few demographic questions for statistical purposes.

34. **Which of the following types of structures do you live in? Do you live in a:**

READ	
[ ] 1	Detached single family home?
[ ] 2	Duplex, triplex, quadruplex home?
[ ] 3	Multi-family building – 4 stories or less?
[ ] 4	Multi-family building – more than 4 stories?
[ ] 5	Mobile home?
[ ] 6	Some other type of structure?
[ ] 9	DK/Refused

35. **How old were you on your last birthday?**

____	Number of years

36. **How long have you lived in your present home?**

____	Number of years

37. **How long have you lived in south Florida?**

____	Number of years

38. How many people live in your household, including yourself? 180

____ Number of people

39. How many of these are children, 17 or younger?

____ Number of children

40. Do you have any pets?

[ ]	1	Yes
[ ]	5	No
[ ]	9	Refused

41. Which of the following best describes your racial ethnic group? Are you:

READ		
[ ]	2	White Non-Hispanic
[ ]	4	Black Non-Hispanic
[ ]	6	White Hispanic
[ ]	8	Black Hispanic
[ ]	7	Other (_____)
[ ]	9	Refused

42. SKIP

43. Which of the following ranges describes your household income for a year? Is your income:

READ		
[ ]	1	Less than $12,000?
[ ]	2	$12,000 to $24,999?
[ ]	3	$25,000 to $39,999?
[ ]	4	$40,000 to $79,999?
[ ]	5	Over $80,000?
[ ]	9	Refused

THANK YOU VERY MUCH FOR YOUR TIME AND ANSWERS. GOODBYE.

RECORD, BUT DO NOT ASK

Sex [ ] 1 Female [ ] 5 Male

Phone ( ) _____-_____

18. Would you do anything differently in the same situation again? (PROBE: Why?)

CODE UP TO 3 RESPONSES	
[ ] 01	Would evacuate
[ ] 02	Wouldn't evacuate
[ ] 03	Would leave earlier
[ ] 04	Would wait later to leave
[ ] 05	Would go further away
[ ] 06	Wouldn't go as far away
[ ] 07	Would go to public shelter
[ ] 08	Wouldn't go to public shelter
[ ] 09	No
[ ] 10	Other (_____) Specify
[ ] 99	Don't Know

19. If the track of the storm had been different, do you think it could have caused flooding in your house?

[ ]	1	Yes
[ ]	5	No
[ ]	9	Don't Know

20. SKIP

21. Before the storm, had you ever seen a hurricane brochure with a map or list of areas that would need to evacuate?

[ ]	1	Yes
[ ]	5	No
[ ]	9	Don't Know

22. Before the storm, had you made any plans about whether you would evacuate and where you would go if a hurricane threatened?

[ ]	1	Yes
[ ]	5	No
[ ]	9	Don't Know

23. How strong do you believe the strongest sustained winds that did the worst damage to houses in Andrew were? (If needed: sustained winds 30 feet above the ground)

[ ]	1	Less than 100 MPH
[ ]	2	100 MPH to 124 MPH
[ ]	3	126 MPH to 149 MPH
[ ]	4	150-174 MPH
[ ]	5	175 to 199 MPH
[ ]	6	200 MPH or more
[ ]	9	Don't Know

24. SKIP

25. SKIP

26. SKIP

27. SKIP

28. SKIP

29. SKIP

30. SKIP

31. SKIP

IF AREA IS 71, 72, 81, 82, 91 OR 92, GO TO SECTION L (BLUE QUESTIONS).

IF AREA IS 04, 05, 06, 07, 08, 09, 61, 62, 73, 83 OR 93, GO TO SECTION M (GREEN QUESTIONS).

To refresh your memory about dates and times again, on Saturday August 22 Hurricane Andrew began to look like it could hit south Florida. At 5 p.m. on Saturday evening the National Hurricane Center issued a *Hurricane Watch* for the east coast of Florida. At 8 a.m. the following morning – i.e., Sunday morning - - the Hurricane Center issued a *Hurricane Warning*. Landfall occurred early Monday morning, around 5 a.m.

7. When did you leave your home to go someplace safer?

[ ] a. Time: ___ ___:___ ___

[ ] b. (1) AM
(5) PM

[ ] c. Date:

		August		
Thu	Fri	Sat	Sun	Mon
20	21	22	23	24

INTERVIEWERS:

12 A.M. IS MIDNIGHT ON THE NEW DAY

12 P.M. IS NOON

8. How long did it take you to get to where you were going?

___ ___.___ Hours (to nearest 1/2 hour)

Never reached original destination 99.9

9. Did you or anyone in your household require assistance in evacuating, and if so, by whom?

[ ] 1 Yes, by agency
[ ] 3 Yes, by friend or relative within household
[ ] 5 Yes, by friend or relative outside household
[ ] 7 No
[ ] 9 Don't Know

10. How many vehicles which you could have used in evacuating were available in your household?

_____ Number of Vehicles

IF "NONE" GO TO Q. 11, OTHERWISE GO TO Q. 12.

11. Did your household leave with someone else in their vehicle, did you use public transportation, or did you evacuate another way?

[ ] 1 Other's vehicle
[ ] 5 Public Transportation
[ ] 7 Other (_____)
Specify
[ ] 9 Don't Know

GO TO Q.14

12. How many vehicles did your household take in evacuating?

____ Number of Vehicles

13. When you evacuated, did you pull a trailer, boat, motor home, or camper?

[ ]	1	Yes
[ ]	5	No
[ ]	7	Other (_____) Specify
[ ]	9	Don't Know

14. Did you hear anyone in an official position – emergency management, the police, etc. – say that you should evacuate to a safer place?

[ ]	1	Yes	(GO TO Q. 15)
[ ]	5	No	(GO TO Q. 18)
[ ]	9	Don't Know	(GO TO Q. 18)

15. Did they say that you <u>should</u> evacuate or that you <u>must</u> evacuate?

[ ]	1	Should
[ ]	5	Must
[ ]	9	Don't Know

16. Did police or other authorities come into your neighborhood going door-to-door or with loudspeakers, telling people to evacuate?

[ ]	1	Yes
[ ]	5	No
[ ]	9	Don't Know

17. SKIP

Appendix B

Surge Area Supplementary Questions

SECTION L

Use Only If Area Is
71, 72, 81, 82, 84, 91 or 92

Let's say there's a pretty bad hurricane in the Atlantic or Caribbean, say a Category 3, a dangerous storm, and it looks like it could hit this area. The National Hurricane Center has issued a hurricane watch for this area – that means the storm probably won't hit within the next 24 hours if it hits at all, but low places in roads could be flooded before the worst of the hurricane arrived. Local officials haven't advised any specific actions yet.

L1. I know you can't say for sure what you would do in that situation, but do you think you and the rest of the people living with you would evacuate under those circumstances? (when I say evacuate, I mean going someplace you think would be safer if the hurricane hit; it could be nearby or far away).

[ ] 01 Yes, probably would leave
[ ] 05 No, wouldn't leave then
[ ] 07 Other _____ (Specify)
[ ] 09 Don't Know

L2. Let's say the storm is a lot closer now. The Hurricane Center has issued a Warning for this area; and local officials have ordered an evacuation. Where do you think you would go? Would you go to a public shelter, a church, a friend or relative's, a hotel or motel, or someplace else.

[ ] 01 Public Shelter (Red Cross) - GO TO Q.L2a
[ ] 02 Church - GO TO Q.L3
[ ] 03 Friend/Relative - GO TO Q.L3
[ ] 04 Hotel/Motel - GO TO Q.L3
[ ] 05 Other _____ (Specify)
[ ] 07 Wouldn't Leave - GO TO Q.L2b
[ ] 09 Don't Know - GO TO Q.L3

L2a. Do you have friends or relatives who live in safer locations than you do with whom you could stay instead of going to a public shelter?

[ ] 01 Yes
[ ] 05 No
[ ] 07 Other _____ (Specify)
[ ] 09 Don't Know

GO TO Q.L3

L2b. Why would you not leave?

[ ] 01 Home is safe
[ ] 02 Have no transportation
[ ] 03 Have no place to go
[ ] 04 Want to protect property against looters
[ ] 05 Want to protect property against storm
[ ] 06 Left unnecessarily in past storm
[ ] 07 Job requires staying
[ ] 08 Other _____
(Specify)
[ ] 09 Don't Know

GO TO Q.32

L3. When you evacuated, where would your destination be located (name of county)?

[ ] 01 Broward
[ ] 03 Dade
[ ] 05 Palm Beach
[ ] 08 Other _____
(Specify)
[ ] 09 Don't Know

867/sectl

Appendix C

Inland Area Supplementary Questions

SECTION M

Use Only If Area Is
04, 05, 06, 07, 08, 09, 61, 62, 73, 83, 93

M1. **Suppose there is a Category 2 hurricane in the Atlantic or Caribbean with winds of 100 MPH. By comparison, Andrew was a Category 4. The National Hurricane Center has issued a hurricane watch for most of the east coast of Florida, including this area, which means it could hit someplace on Florida's east coast within the next 36 hours. Public officials have not yet recommended that anyone evacuate, and public shelters are not yet open. What do you think you would do?**

[ ] 1 Evacuate out of this county (Where? _____)
[ ] 3 Evacuate to someplace within the county
[ ] 5 Wouldn't evacuate at this time
[ ] 7 Other
_____
(Specify)
[ ] 9 Don't Know

M2. **What if the situation were exactly the same, except that it's a stronger storm, a Category 3 hurricane, with winds of 125 MPH. Everything else is the same: a hurricane watch for most of the east coast of Florida, shelters not open, and no evacuation recommendation yet from public officials. What do you think you would do?**

[ ] 1 Evacuate out of this county (Where? _____)
[ ] 3 Evacuate to someplace within the county
[ ] 5 Wouldn't evacuate at this time
[ ] 7 Other
_____
(Specify)
[ ] 9 Don't Know

M3. **Now let's say that same storm is closer. It's still a Category 3. A Hurricane Warning has been posted from Key West to Titusville, meaning that the storm is expected to hit someplace in that area within the next 24 hours. Shelters have been opened, and public officials have ordered that everyone living in mobile homes and everyone living in Hurricane Category 1, 2, or 3 storm surge areas evacuate. That would not include you, unless you live in a mobile home. What would you do?**

[ ] 1 Evacuate out of this county (Where? _____)
[ ] 3 Evacuate to someplace within the county
[ ] 5 Would wait longer to decide
[ ] 6 Wouldn't evacuate at all .
[ ] 7 Other
_____
(Specify)
[ ] 9 Don't Know

FOR THOSE SAYING THEY WOULD EVACUATE (OPTIONS 1 OR 3): 186

M3b. Would you go to a public shelter or someplace else?

[ ] 1 Public Shelter
[ ] 3 Friend or Relative
[ ] 5 Hotel/Motel
[ ] 7 Other

_____
(Specify)

[ ] 9 Don't Know

M4. Suppose part of the community was being told to evacuate with a strong storm approaching, and local officials appealed to you not to try to evacuate outside your own county. They said your location will definitely not flood, even if the storm hits nearby. They said that if you live in a house of average construction and if you take proper safety measures, you will probably be safe, even if your house suffers major damage. They also said that if people from your area try to evacuate outside the county it will cause the roads being used by people evacuating from more dangerous locations to become clogged with traffic, and no one will be able to get out safely. What would you do?

[ ] 1 Evacuate out of county anyway
[ ] 3 Evacuate to local public shelter
[ ] 5 Evacuate elsewhere locally
[ ] 7 Would stay home
[ ] 8 Other
[ ] 9 Don't Know

M5. In a storm like Andrew, do you think you would be safe in your own house, even if it were damaged by the storm?

[ ] 1 Yes
[ ] 5 No
[ ] 6 It depends
[ ] 7 Other
[ ] 9 Don't Know

M6. In a storm like Andrew, do you have a friend or relative in this community in whose house you would be safe, even if it were damaged?

[ ] 1 Yes
[ ] 5 No
[ ] 6 It depends
[ ] 7 Other
[ ] 9 Don't Know

M7. In a storm like Andrew, do you think you would be safe in a local public shelter, even if it were damaged?

[ ] 1 Yes
[ ] 5 No
[ ] 6 It depends
[ ] 7 Other
[ ] 9 Don't Know

Appendix D

TREASURE COAST REGION
HURRICANE EVACUATION STUDY

DECISION ARC METHOD

APPENDIX D

INDIAN RIVER COUNTY
ST. LUCIE COUNTY
MARTIN COUNTY
PALM BEACH COUNTY

CORPS OF ENGINEERS
FEDERAL EMERGENCY MANAGEMENT AGENCY
NOAA NATIONAL HURRICANE CENTER
FLORIDA DIVISION OF EMERGENCY MANAGEMENT

APPENDIX D

DECISION ARC METHOD

A. General.

A hurricane evacuation should be completed prior to the arrival of sustained 34 knot (gale-force) winds or the onset of storm surge inundation, whichever occurs first. In the Treasure Coast Region Hurricane Evacuation Study area, the limiting factor for hurricane evacuation is the arrival of sustained 34 knot winds.

The clearance time is the time required to clear the roadways of all evacuating vehicles, or, the time necessary for a safe evacuation. Therefore, clearance time is measured in hours required prior to the arrival of sustained 34 knot winds. Clearance times are based primarily on three variables: (1) the Saffir/Simpson hurricane category, (2) the expected evacuee response rate, and (3) the tourist occupancy situation.

Decision Arcs are simply clearance times converted to distance by accounting for the forward speed of the hurricane. To translate a clearance time into nautical miles (a Decision Arc distance) for use with a Decision Arc Map, a simple calculation of multiplying the clearance time by the forward speed of the hurricane in knots is necessary. This calculation yields the distance in nautical miles that the 34 knot wind field will move while the evacuation is underway. For convenience, a Decision Arc table that converts an array of clearance times and forward speeds to respective Decision Arcs provided in Appendix A.

B. Should Evacuation Be Recommended?.

Probability values shown in the National Hurricane Center's Public Advisory describe in percentages the chance that the center of a storm will pass within 65 nautical miles of the listed locations. To check the relative probability for a particular area, the total probability value for the closest location, shown on the right side of the probability table in the Public Advisory, should be compared to other locations. A comparison should also be made with the possible maximums shown in Table 7-1 the listing of maximum probability values included in Appendix A. There is no one threshold probability which should prompt an

evacuation under any and every hurricane threat. The size and intensity of the storm, as well as its anticipated approach track will need to be considered. Decisions for or against evacuation should be coordinated with the Florida State Police Office Management and the National Weather Service.

C. When Evacuation Should Begin.

As a hurricane approaches, the Decision Arc Method requires officials to make an evacuation decision prior to the time at which the radius of sustained 34 knot winds touches the appropriate Decision Arc (the Decision Point). For example, with a clearance time of 15 hours, and a hurricane forward speed of 25 knots, the evacuation should be initiated before the sustained 34 knot winds approach within 400 nautical miles (arc "T" on the Decision Arc Map). Once the sustained 34 knot winds move across the Decision Arc (within 400 miles of your location), there may not be sufficient time to safely evacuate the affected population.

As mobilization activities are proceeding prior to the Decision Point, consideration should also be given to the need for the traffic control measures discussed in Chapter 6, particularly any reversing of traffic. The decision to employ these strategies will have to be made simultaneously with the decision to evacuate and will itself influence the decision when to evacuate.

D. Evacuation Decision Worksheet.

The Decision Arc Method Worksheet is designed to guide the decision-maker through the Decision Arc Method. Also included are the Decision Arc Table, sample National Hurricane Center marine and public advisories, a time conversion table and the four county Decision Arc Maps.

DECISION ARC METHOD

EVACUATION DECISION WORKSHEET

The following procedure has been developed to provide assistance in determining, for a given jurisdiction, IF an evacuation should be initiated and WHEN an evacuation decision must be made. The National Weather Service (NWS) hurricane probability listing included in the Public Advisory is used to assist in this decision making process (see sample Public Advisory).

There are five basic "tools" needed in this evacuation decision procedure: (1) Decision Arc Map; (2) Decision Arc Table; (3) transparent STORM disk; (4) the NWS Marine Advisory (usually issued every 6 hours); (5) the NWS Public Advisory.

PROCEDURE

1. From the NWS Marine Advisory, plot the last reported position of the hurricane eye on the appropriate Decision Arc Map. [There are four decision arc maps: Vero Beach; St. Lucie; Stuart; and, West Palm Beach. Use the one on which the center of the decision arcs is nearest your area.] Note the position with date/time. ZULU time (Greenwich mean time or UTC [Universal Coordinated Time]) used in the advisory should be converted to eastern daylight time by subtracting four (4) hours (see Table 7-3 for conversion of times). Plot and notate the five forecast positions of the hurricane from the advisory.

2. From the Marine Advisory, note the maximum radius of 34 knot winds (observed or forecast), the maximum sustained wind speed (observed or forecast), and the current forward speed. Plot the maximum radius of 34 knot winds onto the STORM disk.

3. Using the maximum sustained wind speed previously noted, enter the Saffir/Simpson hurricane scale table (Table 2-2) and determine the category of the approaching hurricane.

4. Consult the clearance time table (Table 6-7) for your county. Select the appropriate clearance time based on scenario, seasonal occupancy, background traffic, etc.

5. Determine the forecast forward speed of the hurricane in knots. The forecast speed can be determined by measuring the distance in nautical miles between the first and second forecast positions and dividing that distance by 12 [forecast positions are provided for 12 hour intervals]. Compare the forecast forward speed to the current forward speed noted previously. A forecast speed greater than the current forward speed will indicate that the hurricane is forecast to accelerate, reducing the time available to the decision-maker. If clearance times for a locality are very high the forecast forward speed should be determined by measuring the distance between the first forecast position and the forecast position nearest your locality and dividing by the number of hours between forecast positions, e.g. 24 or 36. This will provide the forecast speed for the entire progress of the hurricane toward your location.

6. With the appropriate clearance time, and the greater of the current or forecast forward speeds, enter the Decision Arc table (Table 7-2) and select the recommended Decision Arc. Mark this arc on the county Decision Arc Map.

7. Using the center of the STORM as the hurricane eye, locate the STORM on the Decision Arc Map at the last reported hurricane position. Determine if the radius of 34 knot winds falls within the selected Decision Arc; i.e., past the Decision Point (the point at which the radius of 34 knot winds crosses into the selected Decision Arc). If so, available traffic control measures should be implemented and public advisories issued in order to ensure a prompt public response and completion of the evacuation prior to the arrival of sustained 34 knot winds.

8. Move the STORM to the first forecast position. Determine if the radius of 34 knot winds is past the Decision Point. If so, the Decision Point will be reached prior to the hurricane eye reaching the first forecast position.

9. Estimate the hours remaining before a decision must be made by dividing the number of nautical miles between the radius of 34 knot winds and the Decision Point by the forward speed used for the Decision Arc table. Determine if the next NWS Marine Advisory will be received prior to the Decision Point.

10. Compare probabilities shown in the Public Advisory to determine whether an evacuation is now necessary or is likely to become necessary (See Note [c.] next page). Determine how an evacuation of your county would affect the readiness of other counties, and when other counties should be notified. Check inundation maps to determine where flooding may occur, and evacuation zone maps for zones that

should prepare to evacuate.

11. At the Decision Point, check the Public Advisory probability table for your location. There is no one threshold probability which should prompt an evacuation under any and every hurricane threat (See Note [c.] below). The size and intensity of the storm, as well as its approach track will need to be considered.

12. Steps 1 through 10 should be repeated after each NWS advisory until a decision is made by the county or the threat of hurricane impacts has passed.

NOTES

a. As new information becomes available in subsequent NWS advisories, evacuation operations should progress so that, if evacuation becomes necessary, the recommendation to evacuate can be given at the Decision Point. It should be noted that there is no built-in provision in the Decision Arc Method to allow time for evacuation decision-making or for mobilizing support personnel. These activities should be completed prior to the Decision Point.

b. Because information given in the Marine Advisory is in nautical miles and knots, the Decision Arc Maps and STORM have a nautical miles scale. When utilizing hurricane information from sources other than the Marine Advisory, care should be taken to assure that distances are given in, or converted, to nautical miles and speeds to knots. Statute miles can be converted to nautical miles by dividing the statute miles value by 1.15. Similarly, miles per hour can be converted to knots by dividing the miles per hour value by 1.15. Statute mile/nautical mile conversions and mile per hour/knot conversions are shown on the next page.

c. Probability values shown in the Public Advisory describe, in percentages, the chance that the center of a storm will pass within 65 miles of the listed locations. To check the relative probability for your particular area, the total probability value for the closest location, shown on the right side of the probability table in the Public Advisory, should be compared to other locations. A comparison should also be made with the possible maximums for the applicable forecast period shown in the table of maximum probability values listed on Table 7-1. These comparisons will show the relative vulnerability of your location to adjacent locations and to the maximum possible probability.

d. Steps 3. and 4. above refer to the intensity of a threatening hurricane and to clearance times that are based, among other factors, on hurricane intensity. Evacuation decision makers may wish to take into account that the storm direction may not be the worst case direction. They may want to refer to these differences in potential inundation in designating areas that should be evacuated and in choosing clearance times. Note, however, that through-county clearance times will be dependent on scenarios utilized in other counties. These decisions should be coordinated between the counties and the Florida DCA, Emergency Management Division.

TABLE 7-1

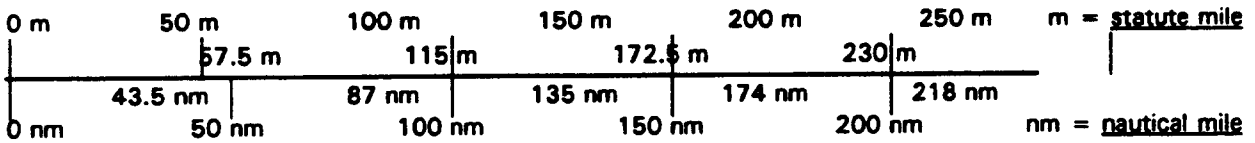
MAXIMUM PUBLIC ADVISORY PROBABILITY VALUES

FORECAST PERIOD	MAXIMUM PROBABILITY
72 Hours	10 %
60	11
48	13
36	20
30	27
24	35
18	45
12	60

Probabilities listed are the maximum assigned to any location in advance of predicted impact. To illustrate: the National Hurricane Center would not assign a higher than 35% probability that a hurricane would strike West Palm Beach in 24 hours, or a higher than 20% probability that a hurricane would strike in 36 hours.

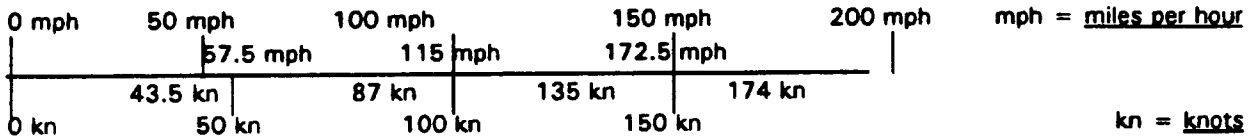
STATUTE MILES / NAUTICAL MILES

1 STATUTE MILE = .87 NAUTICAL MILES
1 NAUTICAL MILE = 1.15 STATUTE MILES



MILES PER HOUR / KNOTS

1 MILE PER HOUR = .87 KNOTS
1 KNOT = 1.15 MILES PER HOUR



SAMPLE*
MARINE ADVISORY

MIATCMAT1
TTAA00 KNHC 200922
HURRICANE HUGO MARINE ADVISORY NUMBER 38
NATIONAL WEATHER SERVICE MIAMI FL
1000Z [6 AM] WED SEP 20 1989

TROPICAL STORM WARNINGS IN EFFECT FOR CENTRAL AND NORTHWESTERN BAHAMAS AND DISCONTINUED FOR SOUTHEASTERN BAHAMAS.

HURRICANE CENTER LOCATED NEAR 24.9N 70.5W AT 20/1000Z.
POSITION ACCURATE WITHIN 15 MILES BASED ON AIRCRAFT AND SATELLITE.

PRESENT MOVEMENT TOWARDS THE NORTHWEST OR 325 DEGREES AT 11 KT.

DIAMETER OF EYE 15 NM.
MAX SUSTAINED WINDS 90 KT WITH GUSTS TO 105 KT.
RADIUS OF 64 KT WINDS 60NE 60SE 40SW 60NW.
RADIUS OF 50 KT WINDS 100NE 100SE 50SW 100NW.
RADIUS OF 34 KT WINDS 150NE 125SE 100SW 175NW.
RADIUS OF 12 FT SEAS OR HIGHER 150NE 125SE 100SW 175NW.

REPEAT CENTER LOCATED AT 24.9N 70.5W AT 20/1000Z.

FORECAST VALID 20/1800Z 26.0N 71.4W.
MAX SUSTAINED WINDS 90 KT WITH GUSTS TO 105 KT.
RADIUS OF 50 KT WINDS 100NE 100SE 50SW 100NW.
RADIUS OF 34 KT WINDS 150NE 125SE 100SW 175NW.

FORECAST VALID 21/0600Z 27.8N 72.9W.
MAX SUSTAINED WINDS 90 KT WITH GUSTS TO 105 KT.
RADIUS OF 50 KT WINDS 100NE 100SE 50SW 100NW.

RADIUS OF 34 KT WINDS 150NE 125SE 100SW 175NW.

(CONTINUED)

* This advisory was issued approximately 42 hours before Hurricane struck the South Carolina coast near midnight on September 21, 1989.

SAMPLE
MARINE ADVISORY
(CONTINUED)

FORECAST VALID21/1800Z 29.2N 74.8W.
MAX SUSTAINED WINDS 90 KT WITH GUSTS TO 105 KT.
RADIUS OF 50 KT WINDS 100NE 100SE 50SW 100NW.
RADIUS OF 34 KT WINDS 150NE 125SE 100SW 175NW.

REQUEST FOR 3 HOURLY SHIP REPORTS WITHIN 300 MILES OF
24.9N 70.5W.

EXTENDED OUTLOOK
THE POLLOWING FORECASTS SHOULD BE USED ONLY FOR GUIDANCE
PURPOSES BECAUSE ERRORS MAY EXCEED A FEW HUNDRED MILES

OUTLOOK VALID22/0600Z 30.5N 78.0W.
MAX SUSTAINED WINDS 90 KT WITH GUSTS TO 105 KT.
RADIUS OF 50 KT WINDS 100NE 100SE 50SW 100NW.

OUTLOOK VALID23/0600Z 33.5N 81.0W.
MAX SUSTAINED WINDS 60 KT WITH GUSTS TO 75 KT.
RADIUS OF 50 KT WINDS 100SE .
NEXT ADVISORY AT 20/1600Z.

SAMPLE*
PUBLIC ADVISORY

88
MIATCPAT1
ETTAA00 KNHC 200925
BULLETIN
HURRICANE HUGO ADVISORY NUMBER 38
NATIONAL WEATHER SERVICE MIAMI FL
6 AM EDT WED SEP 20 1989

A TROPICAL STORM WARNING IS IN EFFECT FOR THE CENTRAL AND NORTHWESTERN BAHAMAS AND IS DISCONTINUED FOR THE SOUTHEASTERN BAHAMAS.

AT 6 AM EDT THE CENTER OF HUGO WAS LOCATED NEAR LATITUDE 24.9 NORTH LONGITUDE 70.5 WEST OR ABOUT 435 MILES EAST OF NASSAU IN THE BAHAMAS.

THE CENTER OF HUGO HAS BEEN MOVING TOWARD THE NORTHWEST AT 12 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 24 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 105 MPH AND LITTLE CHANGE IN STRENGTH IS LIKELY TODAY. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 60 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 200 MILES. THE LATEST MINIMUM PRESSURE REPORTED BY AN AIR FORCE RECONNAISSANCE PLANE IS 957 MILLIBARS...28.26 INCHES.

REPEATING THE 6 AM EDT POSITION...24.9N...70.5W. MOVEMENT...NORTHWESTWARD AT 12 MPH. MAXIMUM SUSTAINED WINDS...105 MPH. CENTRAL PRESSURE...957 MB.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT NOON EDT WITH AN INTERMEDIATE ADVISORY AT 9 AM.

(CONTINUED)

* This advisory was issued approximately 42 hours before Hurricane Hugo struck the South Carolina coast near midnight on September 21, 1989.

SAMPLE
PUBLIC ADVISORY
(CONTINUED)

ADVISORY NUMBER 38 HURRICANE HUGO PROBABILITIES
FOR GUIDANCE IN HURRICANE PROTECTION PLANNING
BY GOVERNMENT AND DISASTER OFFICIALS

CHANCES OF CENTER OF HUGO PASSING WITHIN 65 MILES OF
LISTED LOCATIONS THROUGH 2 AM EDT SAT SEP 23 1989
CHANCES EXPRESSED IN PER CENT...TIMES EDT

	ADDITIONAL PROBABILITIES				
COASTAL LOCATIONS	2 AM THU THRU 2 AM THU	2 PM THU THRU 2 PM THU	2 AM FRI THRU 2 AM FRI	TOTAL THRU 2 AM SAT	THRU 2 AM SAT
MYSM 241N 745W	1	2	X	1	4
MYEG 235N 758W	X	1	1	X	2
MYAK 241N 776W	X	1	1	1	3
MYNN 251N 775W	X	3	2	1	6
MYGF 266N 787W	X	3	5	2	10
MARATHON FL	X	X	2	2	4
MIAMI FL	X	1	3	2	6
W PALM BEACH FL	X	1	5	2	8
FT PIERCE FL	X	1	6	3	10
COCOA BEACH FL	X	1	7	3	11
DAYTONA BEACH	X	1	6	4	11
JACKSONVILLE FL	X	X	6	5	11
SAVANNAH GA	X	X	5	6	11
CHARLESTON SC	X	X	6	6	12
MYRTLE BEACH	X	X	6	5	11
WILMINGTON NC	X	X	5	6	11
MOREHEAD CITY	X	X	5	5	10
CAPE HATTERAS	X	X	4	5	9
NORFOLK VA	X	X	1	6	7
OCEAN CITY MD	X	X	X	5	5
ATLANTIC CITY NJ	X	X	X	4	4
NEW YORK CITY	X	X	X	3	3
MONTAUK POINT	X	X	X	2	2
PROVIDENCE RI	X	X	X	2	2
NANTUCKET MA	X	X	X	2	2

"X" MEANS LESS THAN ONE PERCENT

TABLE 7-2

DECISION ARCS[1]

ESTIMATED CLEARANCE TIME(HRS.)[2]	FORECAST HURRICANE FORWARD SPEED (KNOTS)[3]								
	10	15	20	25	30	35	40	45	50
	DECISION ARC[4]								
4	B	C	D	E	F	G	H	I	J
5	C	D	E	G	H	I	J	L	M
6	C	E	F	H	I	K	L	N	O
7	D	F	G	I	K	M	N	P	R
8	D	F	H	J	L	N	P	R	T
9	E	G	I	L	N	P	R	U	W
10	E	H	J	M	O	R	T	W	Y
11	F	I	K	N	Q	T	V	Y	BB
12	F	I	L	O	R	U	X	AA	DD
13	G	J	M	Q	T	W	Z	DD	GG
14	G	K	N	R	U	Y	BB	FF	II
15	H	L	O	S	W	AA	DD	HH	LL
16	H	L	P	T	X	BB	FF	JJ	NN
17	I	M	Q	V	Z	DD	HH	MM	*[5]
18	I	N	R	W	AA	FF	JJ	*[5]	*
19	J	O	S	X	CC	HH	LL	*	*
20	J	O	T	Y	DD	II	NN	*	*
21	K	P	U	AA	FF	KK	*[5]	*	*
22	K	Q	V	BB	GG	MM	*	*	*
23	L	R	W	CC	II	*[5]	*	*	*
24	L	R	X	DD	JJ	*	*	*	*
25	M	S	Y	FF	LL	*	*	*	*
26	M	T	Z	GG	MM	*	*	*	*
27	N	U	AA	HH	*[5]	*	*	*	*
28	N	U	BB	II	*	*	*	*	*
29	O	V	CC	KK	*	*	*	*	*
30	O	W	DD	LL	*	*	*	*	*

[1] This table can be used with any combination of clearance time and forward speed.
[2] See Table 6-7 for clearance times.
[3] See Procedure (Step 5) of Evacuation Decision Worksheet for methods of determining forecast forward speed.
[4] "Arcs" refer to concentric circles on the County Decision Arc Map.
[5] * Decision Arc would be more than 800 miles from the Florida coast.

TABLE 7-3
TIME CONVERSIONS

UNIVERSAL COORDINATED TIME(UTC)[2]	EASTERN DAYLIGHTTIME[1] (24 HOUR TIME)	CIVIL-TIME
0500 MONDAY	0100 MONDAY	1 AM MONDAY
0600	0200	2 AM
0700	0300	3 AM
0800	0400	4 AM
0900	0500	5 AM
1000	0600	6 AM
1100	0700	7 AM
1200	0800	8 AM
1300	0900	9 AM
1400	1000	10 AM
1500	1100	11 AM
1600	1200	12 NOON
1700	1300	1 PM
1800	1400	2 PM
1900	1500	3 PM
2000	1600	4 PM
2100	1700	5 PM
2200	1800	6 PM
2300	1900	7 PM
2400 (0000)	2000	8 PM
0100 TUESDAY	2100	9 PM
0200	2200	10 PM
0300	2300	11 PM
0400	2400 (0000)	12 MIDNIGHT
0500	0100 TUESDAY	1 AM TUESDAY

[1] For late season hurricanes (Eastern Standard Time) subtract 5 hours from Universal Time.
[2] UTC = Greenwich Mean Time = ZULU Time; it is expected that future NWS advisories will reference "UTC."

Transportation Model Support Document

is available

upon request.

TREASURE COAST REGION
HURRICANE EVACUATION STUDY

TRANSPORTATION MODEL SUPPORT

APPENDIX E

INDIAN RIVER COUNTY
ST. LUCIE COUNTY
MARTIN COUNTY
PALM BEACH COUNTY

CORPS OF ENGINEERS
FEDERAL EMERGENCY MANAGEMENT AGENCY
NOAA NATIONAL HURRICANE CENTER
FLORIDA DIVISION OF EMERGENCY MANAGEMENT

TRANSPORTATION MODEL SUPPORT MATERIALS
(Indian River, St. Lucie, Martin, Palm Beach)
Treasure Coast Hurricane Evacuation Study

Prepared by

Post, Buckley, Schuh & Jernigan, Inc.
314 North Calhoun Street
Tallahassee, Florida 32301

Prepared for

Department of the Army
Jacksonville District, Corps of Engineers
Post Office Box 4970
Jacksonville, Florida 32232-0019

Spring 1994

TRANSPORTATION MODEL SUPPORT MATERIALS
Treasure Coast Region Hurricane Evacuation Study

This document serves as a supplement to the Transportation Analysis Chapter of the Treasure Coast Technical Data Report published by the U.S. Army Corps of Engineers in early summer of 1994. Computer data files for Indian River, St. Lucie, Martin, and Palm Beach Counties are included and serve as back-up to the analysis assumptions and results presented in the Technical Data Report.

Computer data files are organized by the following categories:

1. 1990 Estimated Dwelling Unit Data by County Census Tract/TAZ
2. Dwelling Unit Data by Evacuation Zone by County
3. Trip Generation Runs by Storm Scenario by County
4. Representative Total Triptables showing Zone to Zone Vehicle Movements by Storm Scenario
5. Roadway Link Files by County
6. Zone to Zone Path Files by County
7. Evacuating Vehicle Trip Assignments by Link by Storm Scenario by County
8. Sample Clearance Time Runs

A brief description of each category of data is provided.

1990 Estimated Dwelling Unit Data by County Sub-Area

These data files by county show the Census Tracts or traffic analysis zones (TAZs) (depending on availability) and corresponding dwelling unit data. Each TAZ or Census Tract is listed along with the evacuation zone it falls within, the portion of the TAZ or Census Tract within that evacuation zone, and an estimate of total dwelling units, mobile home units, and tourist related units. Annex A provides this data.

Dwelling Unit Data by Evacuation Zone

These data files show the total dwelling units, mobile home units, and tourist related units for each evacuation zone. The files were produced by adding together data for Census Tracts or TAZs which fell within a common evacuation zone. Annex B provides this data.

Trip Generation Runs by Storm Scenario

These computer generated sheets show the evacuating people and vehicles produced by each evacuation zone. The totals by zone are then split by four destination types (local public shelter, friend or relative's home, hotel/motel unit, and out of county). Trip generation runs were accomplished by applying socioeconomic and behavioral assumptions to the zonal data shown in Annex B. Since assumptions and resulting evacuation statistics change by storm scenario, sheets are provided by county for every storm scenario. The specific behavioral

and socioeconomic assumptions for each scenario are summarized on the last sheet of each trip generation run. Annex C provides this data.

Representative Total Triptable Showing Zone to Zone Vehicle Movements

Triptable showing zone to zone vehicle movements were produced for each of the four destination types by storm scenario. By adding the public shelter, hotel/motel, friend/relative's home and out of county triptables together, a total triptable was produced for each storm scenario. The total triptable provides all evacuation trip interchanges within the county for the in-county to in-county and in-county to out-of-county evacuation travel patterns. Total triptable printouts by county are provided in Annex D.

Roadway Link Files by County

Each roadway segment in each county's evacuation network was given a letter name. The characteristics of each link were then defined by general facility type and number of travel lanes. Based on current FDOT tables, characteristics were translated into a generalized maximum hourly directional service volume (at Level of Service D) for each roadway segment. Annex E provides this data for each county's evacuation network.

Zone to Zone Path Files by County

These files show the route(s) assumed for evacuation traffic leaving an evacuation zone and travelling to another evacuation zone or to some exit point at the county line. Routes are specified by a series of link names with a single digit number in front of the link name. The number indicates the portion of zone to zone trips assumed to use that link. A zero indicates 100% - a one indicates 10%, a two indicates 20%, a three indicates 30%, etc. Annex F provides this data.

Evacuating Vehicle Trip Assignments by Link by Storm Scenario

Annex G provides the assigned evacuating vehicle figures for all roadway segments for each storm scenario. In addition, the sheets provide a volume-capacity ration calculated for each link. Those roadway segments with the highest volume-capacity ratios were identified as candidate critical links for each county. Critical links control the flow of evacuation traffic during a hurricane evacuation and are the key areas for traffic flow monitoring.

Sample Clearance Time Runs

Annex H provides sample clearance time runs for various storm scenarios in each county. A specific run shows an hour by hour glimpse of traffic at a critical link assuming a certain response rate (rapid, medium, or slow) and an hourly service volume. The vehicle volumes loaded through the critical link correspond to the level of traffic expected for a certain storm scenario. Background traffic is added in as a portion of average daily directional traffic at the link.

FILE/SCENARIO NOMENCLATURE

Beginning with the files contained in Annex D, the reader will note many files containing six letter name which signifies the state name, study name, county name, storm scenarios, seasonal occupancy and type of evacuation movement. Specifically the following letters were assigned to file names as shown below:

State

F - Florida

Study

T - Treasure Coast

County

I - Indian River
S - St. Lucie
M - Martin
P - Palm Beach

Storm Scenario

A (grouping of storm intensities varies
B by county - see Technical Data Report)
C
D

Seasonal Occupancy

L - Low
H - High

Trip Type/Purpose

P - to local public shelter
H - to local hotel/motel
F - to local friend's home
O - to out of county
T - total of P+H+F +O (all trips)

ANNEX A

1990 Estimated Dwelling Unit Data by County Sub-Area

INDIAN RIVER COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
2	IN01	100	2	0	0	0
1	IN01	100	238	0	0	0
118	IN02	100	434	0	0	0
117	IN02	100	103	0	0	0
5	IN02	100	31	0	0	0
3	IN02	100	350	0	0	0
4	IN02	100	770	0	0	0
47	IN03	100	207	0	0	0
46	IN03	100	192	0	0	0
48	IN03	100	581	0	0	0
51	IN03	100	421	0	0	0
52	IN03	100	366	0	0	0
49	IN03	100	472	0	0	0
50	IN03	100	279	0	0	0
71	IN04	100	167	0	0	0
72	IN04	100	552	0	107	0
114	IN04	100	576	0	0	0
113	IN04	100	504	0	0	0
74	IN04	100	133	0	0	0
73	IN04	100	146	0	0	0
7	IN05	70	595	0	89	0
32	IN05	50	0	0	0	0
6	IN06	50	99	0	25	0
119	IN06	50	515	0	0	0
106	IN06	5	197	0	0	0
106	IN07	85	197	0	0	0
54	IN07	100	192	0	0	0
53	IN07	100	346	0	0	0
87	IN08	50	1369	0	0	0
88	IN08	50	945	0	0	0
86	IN08	80	34	0	0	0
75	IN08	60	501	0	0	0
70	IN08	100	212	0	0	0
24	IN09	100	175	0	0	0
9	IN09	100	189	0	0	0
23	IN09	30	811	0	0	0
26	IN09	10	3	0	0	0
29	IN09	20	51	0	0	0
25	IN09	100	219	0	0	0
88	IN10	50	945	0	0	0
91	IN10	3	877	0	0	0
89	IN10	3	854	0	0	0
90	IN10	3	307	0	0	0
86	IN10	20	34	0	0	0
87	IN10	50	1369	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

INDIAN RIVER COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
77	IN11	40	95	0	0	0
85	IN11	20	79	0	0	0
68	IN11	20	283	0	97	0
75	IN11	40	501	0	0	0
69	IN11	90	1228	0	34	0
76	IN11	100	839	0	0	0
69	IN12	10	1228	0	0	0
55	IN12	100	960	0	0	0
68	IN12	80	283	0	0	0
122	IN12	100	10	0	0	0
45	IN13	100	443	0	0	0
112	IN13	100	86	0	18	0
42	IN13	95	8	0	0	0
44	IN13	100	44	0	0	0
106	IN14	10	197	0	0	0
33	IN14	10	203	0	0	0
119	IN14	50	515	0	0	0
34	IN14	10	263	0	0	0
42	IN14	5	8	0	0	0
6	IN14	50	99	0	25	0
8	IN15	100	348	0	0	0
7	IN15	30	595	0	0	0
32	IN15	50	0	0	0	0
14	IN16	100	670	0	0	0
19	IN16	100	602	0	0	0
17	IN16	100	39	0	0	0
18	IN16	100	321	0	0	0
15	IN16	100	827	0	0	0
20	IN16	100	831	0	0	0
16	IN16	100	243	0	0	0
23	IN16	70	811	0	0	0
31	IN16	100	25	0	0	0
10	IN16	100	326	0	0	0
11	IN16	100	10	0	0	0
12	IN16	100	13	0	0	0
13	IN16	100	36	0	0	0
22	IN16	100	384	0	18	0
21	IN16	100	311	0	0	0
33	IN17	90	203	0	0	0
29	IN17	80	51	0	0	0
30	IN17	100	158	0	0	0
35	IN18	15	329	0	0	0
34	IN18	90	263	0	0	0
35	IN19	10	329	0	0	0
41	IN19	100	101	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

INDIAN RIVER COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
43	IN19	100	1269	0	0	0
40	IN19	100	253	0	0	0
35	IN20	75	329	0	0	0
110	IN21	100	0	0	0	0
109	IN21	100	0	0	0	0
111	IN21	100	0	0	0	0
61	IN21	100	9	0	0	0
63	IN21	50	75	0	0	0
60	IN21	100	145	0	0	0
58	IN21	100	11	0	0	0
59	IN21	100	23	0	0	0
56	IN22	100	326	0	0	0
63	IN22	50	75	0	0	0
57	IN22	100	440	0	0	0
62	IN23	100	417	0	0	0
37	IN23	100	610	0	0	0
38	IN23	100	1260	0	0	0
39	IN23	100	194	0	0	0
79	IN24	65	244	0	0	0
67	IN24	100	559	0	0	0
66	IN24	100	1090	0	0	0
78	IN24	50	7	0	0	0
80	IN24	50	1071	0	0	0
107	IN25	60	249	0	0	0
94	IN25	60	771	0	0	0
95	IN25	100	105	0	0	0
105	IN25	50	481	0	48	0
82	IN25	100	589	0	0	0
81	IN25	100	791	0	0	0
83	IN25	100	888	0	0	0
85	IN25	80	79	0	0	0
84	IN25	100	713	0	0	0
80	IN25	50	1071	0	0	0
65	IN25	100	584	0	0	0
64	IN25	100	336	0	0	0
77	IN25	60	95	0	0	0
79	IN25	35	244	0	0	0
78	IN25	50	7	0	0	0
90	IN26	97	307	0	0	0
89	IN26	97	854	0	0	0
107	IN26	40	249	0	0	0
94	IN26	40	771	0	0	0
91	IN26	97	877	0	0	0
92	IN26	100	539	0	0	0
93	IN26	100	275	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

INDIAN RIVER COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
105	IN26	50	481	0	48	0
100	IN27	100	202	0	0	0
102	IN27	100	1442	0	185	0
115	IN27	100	502	0	0	0
101	IN27	100	128	0	0	0
96	IN27	100	39	0	0	0
97	IN27	100	37	0	0	0
98	IN27	100	422	0	0	0
99	IN27	100	48	0	0	0
36	IN28	100	317	0	0	0
28	IN29	100	296	0	0	0
26	IN29	90	3	0	0	0
121	IN30	100	1	0	0	0
27	IN30	80	895	0	0	0
116	IN30	100	0	0	0	0
120	IN31	100	74	0	0	0
108	IN31	100	10	0	0	0
27	IN31	20	895	0	0	0
104	IN32	100	42	0	0	0
103	IN32	100	0	0	0	0
XXX	IN01	100	0	4	431	0
XXX	IN02	100	0	20	552	0
XXX	IN03	100	0	52	521	0
XXX	IN04	100	0	11	392	0
XXX	IN05	100	0	104	81	0
XXX	IN06	100	0	23	25	0
XXX	IN07	100	0	47	136	0
XXX	IN08	100	0	189	455	0
XXX	IN09	100	0	83	78	0
XXX	IN10	100	0	160	201	0
XXX	IN11	100	0	180	223	0
XXX	IN12	100	0	191	104	0
XXX	IN13	100	0	13	53	0
XXX	IN14	100	0	23	25	0
XXX	IN15	100	0	162	196	0
XXX	IN16	100	0	1310	210	0
XXX	IN17	100	0	93	10	0
XXX	IN18	100	0	125	10	0
XXX	IN19	100	0	197	3	0
XXX	IN20	100	0	125	20	0
XXX	IN21	100	0	104	30	0
XXX	IN22	100	0	14	12	0
XXX	IN23	100	0	400	103	0
XXX	IN24	100	0	20	42	0
XXX	IN25	100	0	127	65	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

INDIAN RIVER COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
XXX	IN26	100	0	326	68	0
XXX	IN27	100	0	2474	97	0
XXX	IN28	100	0	100	20	0
XXX	IN29	100	0	299	20	0
XXX	IN30	100	0	100	20	0
XXX	IN31	100	0	51	20	0
XXX	IN32	100	0	42	12	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

ST. LUCIE COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
32	SL01	100	375	0	0	0
31	SL01	100	496	0	213	0
70	SL02	100	0	0	1746	0
30	SL02	100	1729	0	2877	0
105	SL03	50	1334	0	0	0
106	SL03	50	881	0	1002	0
106	SL04	50	881	0	1002	0
105	SL04	50	1334	0	0	0
104	SL05	25	2	0	0	0
107	SL05	50	188	0	0	0
71	SL06	35	0	0	0	0
104	SL06	25	2	0	0	0
71	SL07	15	0	0	0	0
69	SL07	35	7	0	0	0
69	SL08	15	7	0	0	0
29	SL08	20	473	0	596	0
26	SL08	100	233	0	0	0
44	SL09	75	312	0	0	0
33	SL09	75	57	0	63	0
27	SL09	50	184	0	0	0
101	SL10	20	1010	0	0	0
102	SL10	20	555	0	0	0
101	SL10	80	1010	0	0	0
75	SL10	20	342	0	0	0
76	SL10	10	256	0	0	0
65	SL10	20	151	0	0	0
66	SL10	20	476	0	0	0
85	SL10	20	365	0	0	0
89	SL10	20	826	0	0	0
83	SL10	20	927	0	0	0
84	SL10	80	243	0	0	0
112	SL10	15	1379	0	0	0
110	SL10	10	1108	0	0	0
111	SL10	25	2077	0	4592	0
112	SL11	75	1379	0	0	0
10	SL12	50	194	0	0	0
7	SL12	100	214	0	0	0
6	SL12	50	290	0	193	0
12	SL12	70	32	0	153	0
11	SL12	100	12	0	0	0
29	SL12	10	473	0	596	0
28	SL13	50	203	0	0	0
2	SL13	30	1394	0	0	0
3	SL13	25	309	0	263	0
113	SL14	90	1693	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

ST. LUCIE COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
113	SL14	10	1693	0	0	0
115	SL14	100	6	0	0	0
114	SL14	100	330	0	0	0
112	SL15	10	1379	0	0	0
83	SL15	80	927	0	0	0
76	SL15	90	256	0	0	0
90	SL15	80	774	0	0	0
93	SL15	100	1166	0	0	0
99	SL15	100	855	0	0	0
100	SL15	100	1515	0	0	0
92	SL15	100	1083	0	0	0
90	SL15	20	774	0	0	0
91	SL15	100	1667	0	0	0
71	SL16	25	0	0	0	0
72	SL16	10	5	0	0	0
73	SL16	10	1839	0	326	0
102	SL16	80	555	0	0	0
109	SL16	100	664	0	1442	0
110	SL16	90	1108	0	0	0
103	SL16	100	960	0	0	0
107	SL16	50	188	0	0	0
104	SL16	50	2	0	0	0
108	SL16	100	1995	0	0	0
86	SL16	100	360	0	93	0
85	SL16	80	365	0	0	0
84	SL16	20	243	0	0	0
87	SL16	100	24	0	0	0
89	SL16	80	826	0	0	0
111	SL16	75	2077	0	4592	0
88	SL16	100	1121	0	983	0
72	SL17	90	5	0	0	0
58	SL17	100	5	0	0	0
69	SL17	50	7	0	0	0
71	SL17	25	0	0	0	0
74	SL17	100	197	0	173	0
75	SL17	80	342	0	0	0
73	SL17	90	1839	0	326	0
57	SL17	100	87	0	0	0
62	SL17	100	0	0	0	0
63	SL17	100	41	0	0	0
68	SL17	90	1895	0	2408	0
67	SL17	100	914	0	862	0
66	SL17	80	476	0	0	0
64	SL17	100	4	0	0	0
65	SL17	80	151	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

ST. LUCIE COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
19	SL18	100	600	0	0	0
119	SL18	100	122	0	0	0
16	SL18	100	207	0	0	0
15	SL18	100	845	0	0	0
14	SL18	100	634	0	0	0
18	SL18	100	592	0	383	0
12	SL18	30	32	0	153	0
17	SL18	100	514	0	0	0
9	SL18	100	595	0	0	0
29	SL18	70	473	0	596	0
68	SL18	10	1895	0	2408	0
10	SL18	50	194	0	0	0
20	SL18	100	906	0	0	0
22	SL19	100	138	0	0	0
121	SL19	100	100	0	0	0
13	SL19	100	376	0	0	0
8	SL19	100	611	0	0	0
21	SL19	100	541	0	0	0
120	SL19	100	245	0	0	0
98	SL20	90	2011	0	0	0
98	SL20	10	2011	0	0	0
97	SL20	100	7	0	0	0
94	SL20	100	64	0	0	0
95	SL20	100	29	0	0	0
77	SL20	100	0	0	0	0
82	SL20	100	64	0	0	0
81	SL20	100	88	0	0	0
79	SL21	100	52	0	0	0
60	SL21	100	37	0	0	0
61	SL21	100	0	0	0	0
59	SL21	100	0	0	3298	0
78	SL21	100	1	0	0	0
54	SL22	100	270	0	0	0
56	SL22	100	48	0	1806	0
55	SL22	100	42	0	0	0
6	SL23	50	290	0	193	0
2	SL23	70	1394	0	0	0
1	SL23	100	1112	0	0	0
3	SL23	75	309	0	263	0
27	SL23	50	184	0	0	0
125	SL23	100	353	0	0	0
28	SL23	50	203	0	0	0
5	SL23	100	237	0	0	0
4	SL23	100	165	0	0	0
24	SL24	100	606	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

ST. LUCIE COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
25	SL24	100	130	0	0	0
49	SL24	100	8	0	0	0
48	SL24	100	14	0	0	0
117	SL24	100	42	0	0	0
116	SL24	100	865	0	0	0
118	SL24	100	695	0	0	0
23	SL24	100	284	0	0	0
46	SL24	100	43	0	0	0
45	SL24	100	10	0	0	0
44	SL25	25	312	0	0	0
43	SL25	100	539	0	0	0
42	SL25	100	8	0	0	0
36	SL25	100	2300	0	0	0
33	SL25	25	57	0	63	0
34	SL25	100	634	0	0	0
35	SL25	100	1043	0	0	0
123	SL26	100	9	0	0	0
122	SL26	100	232	0	0	0
47	SL26	100	3	0	0	0
37	SL26	100	16	0	0	0
40	SL26	100	79	0	0	0
41	SL26	100	17	0	0	0
124	SL27	100	5	0	0	0
50	SL27	100	359	0	0	0
51	SL27	100	100	0	0	0
52	SL27	100	16	0	0	0
38	SL27	100	4	0	0	0
39	SL27	100	4	0	0	0
53	SL28	100	131	0	0	0
80	SL29	100	5	0	0	0
96	SL29	100	155	0	0	0
XXX	SL01	100	0	408	0	0
XXX	SL02	100	0	342	0	0
XXX	SL03	100	0	1108	0	0
XXX	SL04	100	0	1108	0	0
XXX	SL05	100	0	76	0	0
XXX	SL06	100	0	1	0	0
XXX	SL07	100	0	2	0	0
XXX	SL08	100	0	71	0	0
XXX	SL09	100	0	369	0	0
XXX	SL10	100	0	348	0	0
XXX	SL11	100	0	1	0	0
XXX	SL12	100	0	65	0	0
XXX	SL13	100	0	105	0	0
XXX	SL14	100	0	500	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

ST. LUCIE COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
XXX	SL15	100	0	10	0	0
XXX	SL16	100	0	2657	0	0
XXX	SL17	100	0	1159	0	0
XXX	SL18	100	0	171	0	0
XXX	SL19	100	0	128	0	0
XXX	SL20	100	0	322	0	0
XXX	SL21	100	0	90	0	0
XXX	SL22	100	0	360	0	0
XXX	SL23	100	0	636	0	0
XXX	SL24	100	0	180	0	0
XXX	SL25	100	0	1460	0	0
XXX	SL26	100	0	6	0	0
XXX	SL27	100	0	144	0	0
XXX	SL28	100	0	118	0	0
XXX	SL29	100	0	116	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

MARTIN COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
4	MT01	100	1365	0	181	0
15	MT02	100	1005	0	319	0
60	MT03	50	429	0	0	0
60	MT04	50	429	0	0	0
14	MT05	50	603	0	0	0
5	MT06	10	2043	0	76	0
14	MT06	50	603	0	0	0
13	MT07	15	2031	0	0	0
16	MT07	15	561	0	0	0
16	MT08	10	561	0	0	0
24	MT08	10	789	0	0	0
25	MT08	60	1435	0	50	0
26	MT08	25	1704	0	0	0
26	MT09	20	1704	0	0	0
55	MT09	30	466	0	0	0
57	MT09	25	142	0	0	0
58	MT09	50	2389	0	120	0
64	MT10	25	272	0	26	0
67	MT10	70	2115	0	0	0
8	MT11	30	1656	0	0	0
9	MT11	85	395	0	14	0
10	MT11	10	1040	0	0	0
21	MT12	100	828	0	41	0
22	MT13	25	815	0	17	0
33	MT13	70	869	0	8	0
41	MT13	5	14	0	0	0
42	MT13	10	232	0	0	0
34	MT14	100	392	0	0	0
35	MT14	60	468	0	0	0
36	MT14	60	207	0	0	0
39	MT15	30	1452	0	0	0
40	MT15	20	308	0	0	0
3	MT16	10	880	0	45	0
5	MT16	90	2043	0	76	0
6	MT16	10	1439	0	0	0
7	MT16	25	954	0	0	0
9	MT16	15	395	0	14	0
10	MT16	90	1040	0	0	0
1	MT17	100	100	0	0	0
8	MT17	70	1656	0	0	0
11	MT18	100	234	0	0	0
12	MT18	75	767	0	0	0
13	MT18	40	2031	0	0	0
17	MT18	70	573	0	0	0
18	MT18	40	825	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

MARTIN COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
13	MT19	20	2031	0	0	0
16	MT19	25	561	0	0	0
24	MT19	50	789	0	0	0
25	MT19	40	1435	0	50	0
26	MT20	25	1704	0	0	0
27	MT20	10	321	0	0	0
28	MT20	25	634	0	0	0
55	MT20	35	466	0	0	0
57	MT20	25	142	0	0	0
57	MT21	25	142	0	0	0
58	MT50	0	120	0	120	0
59	MT21	70	594	0	0	0
59	MT22	30	594	0	0	0
62	MT22	20	12	0	0	0
64	MT22	15	272	0	26	0
19	MT23	10	621	0	326	0
20	MT23	100	1171	0	0	0
22	MT24	20	815	0	17	0
33	MT24	30	869	0	8	0
41	MT24	10	14	0	0	0
42	MT24	15	232	0	0	0
35	MT25	20	468	0	0	0
36	MT25	40	207	0	0	0
37	MT25	20	1789	0	0	0
39	MT25	60	1452	0	0	0
40	MT25	20	308	0	0	0
2	MT26	50	262	0	0	0
3	MT26	90	880	0	45	0
6	MT26	80	1439	0	0	0
7	MT26	25	954	0	0	0
26	MT27	30	1704	0	0	0
55	MT27	35	466	0	0	0
57	MT27	25	142	0	0	0
62	MT28	10	12	0	0	0
64	MT28	30	272	0	26	0
12	MT29	25	767	0	0	0
13	MT29	15	2031	0	0	0
16	MT29	20	561	0	0	0
17	MT29	20	573	0	0	0
18	MT29	20	825	0	0	0
19	MT29	20	621	0	326	0
24	MT29	40	789	0	0	0
22	MT30	25	815	0	17	0
31	MT30	20	675	0	0	0
32	MT30	10	78	0	0	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

MARTIN COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
41	MT30	25	14	0	0	0
42	MT30	15	232	0	0	0
43	MT30	20	0	0	0	0
73	MT30	20	137	0	0	0
74	MT30	85	815	0	0	0
75	MT30	25	108	0	0	0
2	MT31	50	262	0	0	0
6	MT31	10	1439	0	0	0
7	MT31	50	954	0	0	0
16	MT32	30	561	0	0	0
17	MT32	10	573	0	0	0
18	MT32	40	825	0	0	0
19	MT32	30	621	0	326	0
19	MT33	40	621	0	326	0
22	MT33	30	815	0	17	0
23	MT33	100	669	0	0	0
27	MT33	90	321	0	0	0
28	MT33	75	634	0	0	0
29	MT33	100	1329	0	0	0
30	MT33	100	389	0	0	0
31	MT33	80	675	0	0	0
32	MT33	90	78	0	0	0
50	MT34	60	324	0	0	0
51	MT34	60	0	0	0	0
52	MT34	70	681	0	0	0
61	MT34	100	781	0	0	0
63	MT34	10	44	0	0	0
41	MT35	60	14	0	0	0
42	MT35	60	232	0	0	0
43	MT35	80	0	0	0	0
44	MT35	100	0	0	0	0
45	MT35	100	430	0	0	0
46	MT35	100	0	0	0	0
47	MT35	100	0	0	0	0
48	MT35	100	0	0	0	0
49	MT35	100	755	0	0	0
50	MT35	40	324	0	0	0
51	MT35	40	0	0	0	0
52	MT35	30	681	0	0	0
53	MT35	100	1506	0	0	0
54	MT35	100	862	0	0	0
56	MT35	100	1524	0	0	0
62	MT35	70	12	0	0	0
63	MT35	90	44	0	0	0
64	MT35	30	272	0	26	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

MARTIN COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
65	MT35	100	34	0	0	0
66	MT35	100	0	0	0	0
67	MT35	30	2115	0	0	0
68	MT35	100	2	0	0	0
69	MT35	100	4	0	0	0
74	MT36	15	815	0	0	0
75	MT36	75	108	0	0	0
76	MT36	100	6	0	0	0
77	MT36	100	46	0	0	0
35	MT37	20	468	0	0	0
37	MT37	80	1789	0	0	0
38	MT37	100	667	0	0	0
39	MT37	10	1452	0	0	0
40	MT37	60	308	0	0	0
70	MT38	100	81	0	0	0
71	MT38	100	261	0	0	0
72	MT38	100	68	0	0	0
78	MT39	100	199	0	0	0
79	MT39	100	73	0	0	0
73	MT40	80	137	0	0	0
80	MT40	100	2	0	0	0
81	MT40	100	91	0	0	0
82	MT40	100	26	0	0	0
83	MT40	100	65	0	0	0
84	MT40	100	60	0	0	0
87	MT40	100	1027	0	26	0
88	MT40	100	36	0	0	0
85	MT41	100	172	0	0	0
86	MT41	100	27	0	0	0
89	MT41	100	624	0	0	0
XXX	MT01	100	0	9	473	0
XXX	MT02	100	0	9	336	0
XXX	MT03	100	0	215	378	0
XXX	MT04	100	0	1	48	0
XXX	MT05	100	0	157	247	0
XXX	MT06	100	0	156	239	0
XXX	MT07	100	0	9	69	0
XXX	MT08	100	0	40	81	0
XXX	MT09	100	0	999	133	0
XXX	MT10	100	0	25	87	0
XXX	MT11	100	0	12	75	0
XXX	MT12	100	0	108	208	0
XXX	MT13	100	0	327	303	0
XXX	MT14	100	0	2	147	0
XXX	MT15	100	0	2	147	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

MARTIN COUNTY, TREASURE COAST DWELLING UNIT DATA

TAZ	EVAC	%	DU	MHDU	TDU	FW
XXX	MT16	100	0	825	162	0
XXX	MT17	100	0	13	86	0
XXX	MT18	100	0	50	116	0
XXX	MT19	100	0	29	86	0
XXX	MT20	100	0	676	99	0
XXX	MT21	100	0	70	177	0
XXX	MT22	100	0	60	266	0
XXX	MT23	100	0	288	29	0
XXX	MT24	100	0	229	61	0
XXX	MT25	100	0	4	147	0
XXX	MT26	100	0	219	65	0
XXX	MT27	100	0	70	196	0
XXX	MT28	100	0	49	108	0
XXX	MT29	100	0	99	40	0
XXX	MT30	100	0	229	75	0
XXX	MT31	100	0	610	84	0
XXX	MT32	100	0	101	51	0
XXX	MT33	100	0	603	156	0
XXX	MT34	100	0	150	177	0
XXX	MT35	100	0	407	264	0

TAZ = Traffic Analysis Zone
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

PALM BCH COUNTY, S.E.FLA. DWELLING UNIT DATA

CenTrt	EVAC	%	DU	MHDU	TDU	FW
1.02	PB01	50	1032	11	334	0
4.02	PB01	5	1252	13	243	0
4.03	PB01	40	2417	133	920	0
4.04	PB01	100	1980	276	1579	0
4.02	PB02	5	1252	13	243	0
5.01	PB02	90	2126	32	967	0
5.02	PB02	95	949	221	1365	0
5.03	PB02	90	1457	12	681	0
35.01	PB02	10	1119	11	172	0
5.01	PB03	10	2126	32	967	0
5.02	PB03	5	949	221	1365	0
6.00	PB03	50	861	89	30	0
11.02	PB03	70	1513	19	330	0
12.00	PB03	30	1964	582	253	0
5.03	PB04	10	1457	12	681	0
5.99	PB04	100	0	0	0	0
35.01	PB04	90	1119	11	172	0
35.02	PB04	30	2385	113	1004	0
35.02	PB05	70	2385	113	1004	0
35.03	PB05	30	1147	85	956	0
35.03	PB06	70	1147	85	956	0
54.01	PB06	100	1663	37	1398	0
55.01	PB06	100	1488	231	275	0
54.02	PB07	100	389	4	144	0
54.03	PB07	60	1553	589	979	0
56.00	PB08	20	1904	76	186	0
57.02	PB08	20	1541	221	166	0
54.03	PB09	40	1553	589	979	0
74.01	PB09	70	912	16	530	0
74.01	PB10	30	912	16	530	0
74.02	PB10	100	648	5	333	0
74.03	PB10	100	1789	18	1397	0
74.04	PB10	40	1276	17	965	0
74.04	PB11	60	1276	17	965	0
74.05	PB11	100	590	14	370	0
74.06	PB11	100	1799	25	872	0
76.04	PB11	35	2440	1	51	0
76.05	PB11	70	1385	7	20	0
3.01	PB12	75	947	39	524	0
3.03	PB12	40	1272	4	288	0
4.02	PB12	90	1252	13	243	0
4.03	PB12	60	2417	133	920	0
6.00	PB12	50	861	89	30	0
7.00	PB12	60	2637	22	77	0
1.01	PB13	50	2750	6	130	0

CenTrt=Census Tract
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

PALM BCH COUNTY, S.E.FLA. DWELLING UNIT DATA

CenTrt	EVAC	%	DU	MHDU	TDU	FW
2.01	PB13	20	1918	10	21	0
2.02	PB13	100	1985	46	77	0
61.00	PB14	20	1575	32	104	0
62.02	PB14	90	1107	23	365	0
62.03	PB14	20	1263	11	239	0
63.00	PB14	30	2051	69	318	0
64.00	PB14	50	2626	66	501	0
52.01	PB15	50	2573	43	181	0
52.02	PB15	70	1507	37	159	0
53.00	PB15	85	2345	28	345	0
34.00	PB16	50	1990	80	43	0
36.00	PB16	50	2135	36	36	0
52.01	PB16	20	2573	43	181	0
53.00	PB16	15	2345	28	345	0
15.00	PB17	50	1367	270	77	0
17.00	PB17	50	1966	59	21	0
23.00	PB17	60	1089	11	42	0
25.00	PB17	60	84	46	0	0
27.00	PB17	60	1445	43	149	0
71.00	PB18	20	0	0	0	0
73.02	PB18	80	2085	12	85	0
75.01	PB18	100	1257	18	95	0
75.02	PB18	100	13	1	1	0
75.03	PB18	90	1734	34	370	0
76.03	PB18	50	862	2	7	0
76.04	PB18	30	2440	1	51	0
76.05	PB18	10	1385	7	20	0
64.00	PB19	50	2626	66	501	0
73.01	PB19	80	1430	52	209	0
69.06	PB20	60	1651	112	294	0
72.01	PB20	35	1905	6	385	0
3.01	PB21	25	947	39	524	0
3.03	PB21	20	1272	4	288	0
3.04	PB21	40	1111	337	77	0
7.00	PB21	20	2637	22	77	0
1.01	PB22	30	2750	6	130	0
1.02	PB22	50	1032	11	334	0
1.01	PB23	20	2750	6	130	0
2.01	PB23	40	1918	10	21	0
2.04	PB24	90	1045	5	69	0
2.05	PB24	80	820	6	7	0
2.06	PB24	40	1907	140	148	0
2.07	PB24	10	1375	10	174	0
2.01	PB25	40	1918	10	21	0
2.04	PB25	10	1045	5	69	0

CenTrt=Census Tract
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

PALM BCH COUNTY, S.E.FLA. DWELLING UNIT DATA

CenTrt	EVAC	%	DU	MHDU	TDU	FW
2.05	PB25	20	820	6	7	0
2.06	PB25	60	1907	140	148	0
2.07	PB25	90	1375	10	174	0
2.08	PB26	100	532	4	1	0
2.09	PB26	100	1337	7	61	0
3.03	PB26	40	1272	4	288	0
3.04	PB26	60	1111	337	77	0
7.00	PB26	20	2637	22	77	0
8.00	PB26	100	2195	85	68	0
9.01	PB27	100	2028	6	142	0
9.02	PB27	100	1009	0	4	0
9.03	PB27	100	1767	344	50	0
10.01	PB28	40	2444	1335	297	0
11.01	PB28	100	2277	7	19	0
11.02	PB28	30	1513	19	330	0
12.00	PB28	70	1964	582	253	0
14.02	PB28	50	442	5	2	0
14.03	PB28	100	1118	12	0	0
14.04	PB28	100	1045	6	3	0
15.00	PB28	50	1367	270	77	0
16.00	PB28	40	1515	28	181	0
10.01	PB29	60	2444	1335	297	0
10.02	PB29	100	1069	399	166	0
13.00	PB29	100	2371	19	5	0
14.02	PB30	50	442	5	2	0
16.00	PB30	60	1515	28	181	0
17.00	PB30	50	1966	59	21	0
18.01	PB30	100	1700	17	15	0
18.02	PB30	100	1687	136	587	0
20.00	PB30	50	2354	28	73	0
21.00	PB30	100	1200	10	6	0
22.00	PB30	100	928	15	5	0
23.00	PB30	40	1089	11	42	0
24.00	PB30	100	861	11	1	0
25.00	PB30	40	84	46	0	0
26.00	PB30	100	208	1	2	0
19.02	PB31	100	5932	183	1100	0
19.03	PB31	100	3277	286	430	0
19.04	PB31	100	1219	25	75	0
19.05	PB31	100	1162	8	232	0
19.06	PB31	100	2274	192	274	0
20.00	PB31	50	2354	28	73	0
27.00	PB32	40	1445	43	149	
28.00	PB32	100	1354	55	20	0
33.00	PB32	100	1717	75	8	0

CenTrt=Census Tract
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

PALM BCH COUNTY, S.E.FLA. DWELLING UNIT DATA

CenTrt	EVAC	%	DU	MHDU	TDU	FW
34.00	PB32	50	1990	80	43	0
36.00	PB32	50	2135	36	36	0
37.00	PB32	100	2006	134	30	0
29.00	PB33	100	1134	265	41	0
30.00	PB33	100	1454	336	62	0
32.00	PB33	50	2448	90	13	0
38.00	PB33	100	2181	28	17	0
41.00	PB33	80	2701	54	38	0
43.00	PB33	40	2302	15	26	0
31.01	PB34	100	1917	677	57	0
31.02	PB34	100	2125	204	19	0
32.00	PB34	50	2448	90	13	0
39.00	PB34	100	2925	139	15	0
40.05	PB34	100	571	3	12	0
40.06	PB34	80	2409	410	97	0
40.07	PB34	50	1487	610	163	0
48.04	PB34	40	638	6	63	0
44.00	PB35	100	2444	35	74	0
51.00	PB35	100	2208	77	162	0
52.01	PB35	30	2573	43	181	0
52.02	PB35	30	1507	37	159	0
55.02	PB35	100	1955	13	54	0
41.00	PB36	20	2701	54	38	0
42.01	PB36	100	2536	110	123	0
42.02	PB36	100	2092	40	240	0
42.03	PB36	100	1684	17	120	0
43.00	PB36	60	2302	15	26	0
45.00	PB36	100	1803	867	349	0
46.00	PB36	100	2460	35	51	0
49.00	PB36	100	3135	240	284	0
50.00	PB36	100	1850	251	429	0
58.01	PB36	20	3723	1350	341	0
40.02	PB37	100	2646	428	116	0
40.03	PB37	100	3913	213	832	0
40.06	PB37	20	2409	410	97	0
40.07	PB37	50	1487	610	163	0
47.02	PB37	100	658	793	235	0
47.03	PB37	100	2600	374	434	0
47.04	PB37	100	2483	90	57	0
48.03	PB37	100	3003	616	1224	0
48.04	PB37	60	638	6	63	0
48.05	PB37	100	3203	235	634	0
48.06	PB37	100	3068	24	486	0
48.07	PB37	100	1920	168	42	0
59.03	PB37	20	281	175	12	0

CenTrt=Census Tract
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

Cat 1-2 high occ

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN01	1227					619				
			86	345	62	735		48	189	31	352
ZONE NO	IN02	4416					2671				
			395	1579	221	2222		249	993	134	1296
ZONE NO	IN03	6074					3778				
			563	2252	303	2955		360	1441	189	1789
ZONE NO	IN04	5128					3165				
			470	1882	256	2520		300	1198	158	1510
ZONE NO	IN05	1103					664				
			98	393	55	557		62	246	33	323
ZONE NO	IN06	721					458				
			69	275	36	340		44	178	23	212
ZONE NO	IN07	1683					1051				
			157	627	85	815		101	402	53	497
ZONE NO	IN08	4272					2618				
			389	1554	214	2115		246	986	130	1256
ZONE NO	IN09	335					163				
			37	108	17	174		20	56	8	79
ZONE NO	IN10	716					336				
			73	218	36	389		38	110	17	170
ZONE NO	IN11	920					426				
			91	275	46	507		48	136	21	220
ZONE NO	IN12	617					316				
			75	211	31	300		41	114	16	145
ZONE NO	IN13	171					71				
			14	44	9	104		6	20	3	42
ZONE NO	IN14	127					59				
			12	38	6	70		8	19	3	30

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. DWELLING UNIT DATA

CenTrt	EVAC	%	DU	MHDU	TDU	FW
69.05	PB45	100	1970	51	219	0
70.02	PB45	100	905	1	136	0
71.00	PB46	0	0	0	0	0
72.02	PB46	100	1315	6	52	0
72.03	PB46	100	2419	29	162	0
73.02	PB46	20	2085	12	85	0
75.03	PB46	10	1734	34	370	0
76.02	PB46	100	1899	32	59	0
76.03	PB46	50	862	2	7	0
76.04	PB46	35	2440	1	51	0
76.05	PB46	20	1385	7	20	0
70.01	PB47	100	1607	17	250	0
70.03	PB47	100	1751	9	980	0
70.04	PB47	100	2105	3	28	0
76.06	PB47	100	3097	17	785	0
76.07	PB47	100	2286	50	115	0
76.08	PB47	100	4033	24	477	0
76.09	PB47	100	3977	76	440	0
77.03	PB48	100	5930	199	711	0
77.13	PB48	100	148	18	7	0
77.14	PB48	100	2434	5	355	0
77.15	PB48	100	2336	32	364	0
77.16	PB48	100	1393	2	60	0
77.17	PB48	100	5031	144	1048	0
77.18	PB48	100	2122	4	76	0
77.19	PB48	100	2590	789	196	0
77.20	PB48	100	2685	183	835	0
79.02	PB48	30	25	22	5	0
77.09	PB49	50	225	32	2	0
77.11	PB49	100	183	8	41	0
77.12	PB49	100	71	28	0	0
79.02	PB49	50	25	22	5	0
77.04	PB50	100	3077	27	86	0
77.05	PB50	100	1364	5	37	0
77.06	PB50	100	989	10	21	0
77.07	PB50	100	1015	23	336	0
77.08	PB50	100	1885	31	905	0
77.09	PB50	50	225	32	2	0
77.10	PB50	100	987	7	46	0
78.02	PB50	100	2887	23	250	0
78.08	PB50	100	490	53	2	0
78.09	PB50	100	1014	228	21	0
78.10	PB50	100	4436	111	137	0
78.11	PB50	100	232	1	0	0
79.02	PB50	20	25	22	5	0

CenTrt=Census Tract
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

PALM BCH COUNTY, S.E.FLA. DWELLING UNIT DATA

CenTrt	EVAC	%	DU	MHDU	TDU	FW
78.03	PB51	100	2175	226	302	0
78.07	PB51	100	2343	14	755	0
79.03	PB51	100	208	80	7	0
79.04	PB51	100	40	22	0	0
79.05	PB51	100	424	27	6	0
78.04	PB52	100	2410	34	18	0
78.05	PB52	100	852	30	5	0
78.06	PB52	100	712	24	206	0
81.02	PB53	100	0	0	0	0
80.01	PB53	100	1061	214	10	0
80.02	PB53	100	1969	436	16	0
81.01	PB53	100	1725	551	46	0
82.01	PB53	100	1952	173	3	0
82.02	PB53	100	1112	79	18	0
82.03	PB53	100	1213	452	10	0
83.01	PB53	100	555	49	3	0
83.02	PB53	100	1178	207	18	0

CenTrt=Census Tract
EVAC = Evac. Zone Number
DU = # of Total Dwelling Units
TDU = # of Tourist Dwelling Units
MHDU = # of Mobile Home Dwelling Units
FW = (Column not used in this study)
% = Portion of TAZ/Census Tract

ANNEX B

Dwelling Unit Data by Evacuation Zone

INDIAN RIVER COUNTY, TREASURE COAST EVACUATION ZONE DATA

EVAC	DU	MHDU	TDU	FW
IN01	240	4	431	0
IN02	1688	20	552	0
IN03	2518	52	521	0
IN04	2078	11	499	0
IN05	417	104	143	0
IN06	318	23	38	0
IN07	705	47	136	0
IN08	1698	189	455	0
IN09	836	83	78	0
IN10	1226	160	201	0
IN11	2255	180	273	0
IN12	1319	191	104	0
IN13	581	13	71	0
IN14	374	23	38	0
IN15	527	162	196	0
IN16	5206	1310	228	0
IN17	382	93	10	0
IN18	286	125	10	0
IN19	1656	197	3	0
IN20	247	125	20	0
IN21	226	104	30	0
IN22	804	14	12	0
IN23	2481	400	103	0
IN24	2348	20	42	0
IN25	5604	127	89	0
IN26	3440	326	92	0
IN27	2820	2474	282	0
IN28	317	100	20	0
IN29	299	299	20	0
IN30	717	100	20	0
IN31	263	51	20	0
IN32	42	42	12	0

EVAC = Evac. Zone Number FW = (column not used in this study)
DU = # of Total Dwelling Units MUDU = #of Mobile Home Dwelling Units
TDU = # of Tourist Dwelling Units

ST. LUCIE COUNTY, TREASURE COAST EVACUATION ZONE DATA

EVAC	DU	MHDU	TDU	FW
SL01	871	408	213	0
SL02	1729	342	4623	0
SL03	1108	1108	501	0
SL04	1108	1108	501	0
SL05	95	76	0	0
SL06	1	1	0	0
SL07	2	2	0	0
SL08	329	71	119	0
SL09	369	369	47	0
SL10	2794	348	1148	0
SL11	1034	1	0	0
SL12	537	65	264	0
SL13	597	105	66	0
SL14	2029	500	0	0
SL15	8170	10	0	0
SL16	9405	2657	5995	0
SL17	5394	1159	3495	0
SL18	5643	171	1087	0
SL19	2011	128	0	0
SL20	2263	322	0	0
SL21	90	90	3298	0
SL22	360	360	1806	0
SL23	3414	636	294	0
SL24	2697	180	0	0
SL25	4616	1460	16	0
SL26	356	6	0	0
SL27	488	144	0	0
SL28	131	118	0	0
SL29	160	116	0	0

EVAC = Evac. Zone Number FW = (column not used in this study)
DU = # of Total Dwelling Units MUDU = #of Mobile Home Dwelling Units
TDU = # of Tourist Dwelling Units

MARTIN COUNTY, TREASURE COAST EVACUATION ZONE DATA

EVAC	DU	MHDU	TDU	FW
MT01	1365	9	654	0
MT02	1005	9	655	0
MT03	215	215	378	0
MT04	215	1	48	0
MT05	302	157	247	0
MT06	506	156	247	0
MT07	389	9	69	0
MT08	1422	40	111	0
MT09	1712	999	193	0
MT10	1549	25	94	0
MT11	937	12	87	0
MT12	828	108	249	0
MT13	836	327	313	0
MT14	797	2	147	0
MT15	498	2	147	0
MT16	3305	825	237	0
MT17	1259	13	86	0
MT18	2352	50	116	0
MT19	1515	29	106	0
MT20	816	676	99	0
MT21	452	70	177	0
MT22	221	60	270	0
MT23	1233	288	62	0
MT24	460	229	66	0
MT25	1468	4	147	0
MT26	2313	219	106	0
MT27	710	70	196	0
MT28	83	49	116	0
MT29	1329	99	105	0
MT30	1133	229	79	0
MT31	752	610	84	0
MT32	741	101	149	0
MT33	4255	603	291	0
MT34	1456	150	177	0
MT35	6363	407	272	0
MT36	255	150	13	0
MT37	2522	24	147	0
MT38	410	150	19	0
MT39	272	150	19	0
MT40	1417	711	61	0
MT41	823	128	61	0

EVAC = Evac. Zone Number FW = (column not used in this study)
DU = # of Total Dwelling Units MUDU = #of Mobile Home Dwelling Units
TDU = # of Tourist Dwelling Units

PALM BCH COUNTY, S.E.FLA. EVACUATION ZONE DATA

EVAC	DU	MHDU	TDU	FW
PB01	3526	336	3076	0
PB02	4301	252	3428	0
PB03	2339	247	2945	0
PB04	1869	45	1857	0
PB05	2014	105	1960	0
PB06	3954	328	2629	0
PB07	1321	357	1123	0
PB08	689	59	352	0
PB09	1259	247	1509	0
PB10	3221	35	3225	0
PB11	4979	54	2278	0
PB12	5809	181	2082	0
PB13	3744	51	228	0
PB14	3492	83	1527	0
PB15	4335	72	685	0
PB16	2930	71	605	0
PB17	3237	226	289	0
PB18	5801	62	629	0
PB19	2457	75	710	0
PB20	1658	69	679	0
PB21	1462	150	966	0
PB22	1341	8	464	0
PB23	1317	5	151	0
PB24	2498	67	398	0
PB25	3418	99	419	0
PB26	5767	304	572	0
PB27	4804	350	196	0
PB28	8758	1121	1162	0
PB29	4906	1219	468	0
PB30	10344	276	935	0
PB31	15041	708	2184	0
PB32	7718	339	286	0
PB33	9075	723	197	0
PB34	11688	1703	439	0
PB35	7831	149	630	0
PB36	18226	1850	2001	0
PB37	25464	3418	4500	0
PB38	4397	263	651	0
PB39	9010	3839	1035	0
PB40	3207	350	254	0
PB41	10395	196	1139	0
PB42	15667	259	2485	0
PB43	21260	873	3753	0
PB44	2774	135	917	0
PB45	6145	91	778	0

EVAC = Evac. Zone Number FW = (Column not used in this study)
DU = # of Total Dwelling Units MUDU = #of Mobile Home Dwelling Units
TDU = # of Tourist Dwelling Units

PALM BCH COUNTY, S.E.FLA. EVACUATION ZONE DATA

EVAC	DU	MHDU	TDU	FW
PB46	7785	74	806	0
PB47	18856	196	3075	0
PB48	24677	1383	3657	0
PB49	380	63	48	0
PB50	18494	539	1848	0
PB51	5190	369	1070	0
PB52	3974	88	229	0
PB53	10765	2161	124	0

EVAC = Evac. Zone Number FW = (Column not used in this study)
DU = # of Total Dwelling Units MUDU = #of Mobile Home Dwelling Units
TDU = # of Tourist Dwelling Units

ANNEX C

Trip Generation Runs by Storm Scenario

Cat 1-2 Low Occ

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN01	925					498				
			71	284	47	524		42	164	25	268
ZONE NO	IN02	4030					2517				
			376	1501	202	1951		241	962	126	1188
ZONE NO	IN03	5709					3632				
			545	2179	285	2700		352	1412	181	1687
ZONE NO	IN04	4779					3026				
			453	1812	239	2275		293	1170	151	1412
ZONE NO	IN05	1003					624				
			93	373	50	487		60	238	31	295
ZONE NO	IN06	694					447				
			68	270	35	322		44	176	23	205
ZONE NO	IN07	1588					1013				
			152	608	80	748		99	395	51	470
ZONE NO	IN08	3953					2491				
			373	1490	198	1893		240	960	124	1166
ZONE NO	IN09	280					144				
			34	97	14	136		19	52	7	66
ZONE NO	IN10	575					286				
			66	190	29	291		36	100	15	135
ZONE NO	IN11	729					360				
			82	237	37	373		45	125	18	173
ZONE NO	IN12	544					290				
			71	197	27	249		40	109	15	127
ZONE NO	IN13	121					54				
			12	34	7	70		5	17	2	29
ZONE NO	IN14	100					49				
			11	33	5	52		6	17	3	23

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN15	544					270				
			62	178	27	276		33	94	13	128
ZONE NO	IN16	3006					1685				
			706	1713	11	577		405	979	4	297
ZONE NO	IN17	208					118				
			51	121	1	37		29	69	0	19
ZONE NO	IN18	270					155				
			66	158	1	46		38	92	0	25
ZONE NO	IN19	439					253				
			109	263	0	67		63	151	0	39
ZONE NO	IN20	280					157				
			66	160	1	53		38	91	0	28
ZONE NO	IN21	246					136				
			56	136	2	53		32	77	1	26
ZONE NO	IN22	58					30				
			13	30	1	15		7	17	0	7
ZONE NO	IN23	969					537				
			222	541	5	202		127	308	2	100
ZONE NO	IN24	132					67				
			25	62	2	43		14	34	1	18
ZONE NO	IN25	463					247				
			98	242	4	118		56	136	2	54
ZONE NO	IN26	828					457				
			189	460	5	174		108	261	2	87
ZONE NO	IN27	5386					3047				
			1290	3118	14	963		742	1789	5	511
ZONE NO	IN28	230					129				
			54	130	1	46		31	74	0	23

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN29	636					363				
			155	374	1	106		89	215	0	58
ZONE NO	IN30	238					133				
			56	135	1	47		32	77	0	24
ZONE NO	IN31	130					70				
			29	70	1	31		16	39	0	14
ZONE NO	IN32	98					54				
			23	54	1	21		13	31	0	11
		39191	5677	17250	1334	14946	23339	3395	10431	802	8713

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1-2 low occ

INDIAN RIVER COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.70	1.70	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	40.00	40.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	45.00	40.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8
GROUP # 2: 9,10,11,12,13,14,15
GROUP # 3: 16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 1-2 high occ

INDIAN RIVER COUNTY. TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN01	1227					619				
			86	345	62	735		48	189	31	352
ZONE NO	IN02	4416					2671				
			395	1579	221	2222		249	993	134	1296
ZONE NO	IN03	6074					3778				
			563	2252	303	2955		360	1441	189	1789
ZONE NO	IN04	5128					3165				
			470	1882	256	2520		300	1198	158	1510
ZONE NO	IN05	1103					664				
			98	393	55	557		62	246	33	323
ZONE NO	IN06	721					458				
			69	275	36	340		44	178	23	212
ZONE NO	IN07	1683					1051				
			157	627	85	815		101	402	53	497
ZONE NO	IN08	4272					2618				
			389	1554	214	2115		246	986	130	1256
ZONE NO	IN09	335					163				
			37	108	17	174		20	56	8	79
ZONE NO	IN10	716					336				
			73	218	36	389		38	110	17	170
ZONE NO	IN11	920					426				
			91	275	46	507		48	138	21	220
ZONE NO	IN12	617					316				
			75	211	31	300		41	114	16	145
ZONE NO	IN13	171					71				
			14	44	9	104		6	20	3	42
ZONE NO	IN14	127					59				
			12	38	6	70		6	19	3	30

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN15	681					318				
			69	206	34	372		36	103	16	162
ZONE NO	IN16	3166					1741				
			714	1745	19	688		408	990	7	336
ZONE NO	IN17	215					120				
			51	122	1	42		29	69	0	21
ZONE NO	IN18	277					157				
			66	159	1	51		38	92	0	27
ZONE NO	IN19	441					254				
			109	263	0	69		63	151	0	39
ZONE NO	IN20	294					162				
			67	163	2	63		39	92	1	31
ZONE NO	IN21	267					143				
			57	140	3	68		32	79	1	31
ZONE NO	IN22	66					33				
			13	32	1	21		7	17	0	9
ZONE NO	IN23	1041					562				
			226	555	9	253		128	313	3	118
ZONE NO	IN24	161					77				
			27	68	4	64		14	36	1	25
ZONE NO	IN25	525					269				
			102	254	8	162		57	141	3	69
ZONE NO	IN26	892					480				
			192	473	8	219		109	266	3	102
ZONE NO	IN27	5583					3116				
			1300	3158	24	1102		745	1803	8	559
ZONE NO	IN28	244					134				
			55	133	2	56		32	75	1	26

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN29	650					368				
			156	377	2	116		90	216	1	61
ZONE NO	IN30	252					138				
			57	138	2	57		33	78	1	27
ZONE NO	IN31	144					75				
			30	73	2	41		17	40	1	17
ZONE NO	IN32	106					57				
			23	56	1	27		13	31	0	13
		42515	5843	17916	1500	17274	24600	3459	10682	866	9594

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1-2 high occ

INDIAN RIVER COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.70	1.70	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	40.00	40.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	45.00	40.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8
GROUP # 2: 9,10,11,12,13,14,15
GROUP # 3: 16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3-5 low occ

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN01	925					498				
			71	259	47	549		42	148	25	284
ZONE NO	IN02	4030					2517				
			376	1327	202	2125		241	848	126	1303
ZONE NO	IN03	5709					3632				
			545	1920	285	2959		352	1240	181	1858
ZONE NO	IN04	4779					3026				
			453	1598	239	2489		293	1029	151	1553
ZONE NO	IN05	1003					624				
			93	330	50	530		60	209	31	324
ZONE NO	IN06	694					447				
			68	238	35	355		44	154	23	227
ZONE NO	IN07	1588					1013				
			152	535	80	821		99	347	51	518
ZONE NO	IN08	3953					2491				
			373	1315	198	2068		240	844	124	1282
ZONE NO	IN09	1800					1022				
			262	619	90	830		150	353	51	467
ZONE NO	IN10	2727					1529				
			389	924	136	1278		223	525	77	706
ZONE NO	IN11	4919					2779				
			711	1681	246	2282		407	958	139	1274
ZONE NO	IN12	2822					1606				
			413	972	141	1296		238	557	81	732
ZONE NO	IN13	1267					716				
			183	433	64	588		105	247	36	328
ZONE NO	IN14	808					458				
			118	278	41	374		66	159	23	209

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN15	1282					696				
			173	419	64	626		97	233	34	330
ZONE NO	IN16	3328					1871				
			786	1596	11	935		452	912	4	504
ZONE NO	IN17	232					132				
			57	113	1	63		32	65	0	34
ZONE NO	IN18	284					162				
			70	139	1	76		40	80	0	42
ZONE NO	IN19	559					322				
			139	279	0	141		80	161	0	81
ZONE NO	IN20	290					163				
			69	139	1	82		39	79	0	44
ZONE NO	IN21	256					142				
			59	119	2	78		34	68	1	40
ZONE NO	IN22	122					68				
			29	57	1	36		16	33	0	19
ZONE NO	IN23	1141					636				
			265	540	5	332		152	307	2	175
ZONE NO	IN24	322					177				
			72	148	2	99		42	84	1	51
ZONE NO	IN25	915					508				
			211	431	4	269		121	245	2	141
ZONE NO	IN26	1084					605				
			253	514	5	312		145	293	2	166
ZONE NO	IN27	5414					3064				
			1297	2622	14	1480		746	1503	5	810
ZONE NO	IN28	248					139				
			58	118	1	71		33	67	0	38

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN29	636					363				
			155	312	1	168		89	179	0	94
ZONE NO	IN30	290					163				
			69	139	1	82		39	79	0	44
ZONE NO	IN31	146					80				
			33	67	1	46		18	38	0	23
ZONE NO	IN32	98					54				
			23	45	1	30		13	26	0	16
		53671	8025	20226	1970	23470	31703	4750	12070	1170	13717

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 low occ

INDIAN RIVER COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.70	1.70	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	45.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8
GROUP # 2: 9,10,11,12,13,14,15
GROUP # 3: 16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3-5 high occ

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN01	1227					619				
			86	320	62	760		48	173	31	368
ZONE NO	IN02	4416					2671				
			395	1405	221	2396		249	879	134	1411
ZONE NO	IN03	6074					3778				
			563	1993	303	3214		360	1269	189	1960
ZONE NO	IN04	5128					3165				
			470	1668	256	2734		300	1057	158	1651
ZONE NO	IN05	1103					664				
			98	350	55	600		62	217	33	352
ZONE NO	IN06	721					458				
			69	243	36	373		44	156	23	234
ZONE NO	IN07	1683					1051				
			157	554	85	888		101	354	53	545
ZONE NO	IN08	4272					2618				
			389	1379	214	2290		246	870	130	1372
ZONE NO	IN09	1855					1041				
			265	630	93	868		151	357	52	480
ZONE NO	IN10	2868					1579				
			396	952	143	1376		225	535	79	741
ZONE NO	IN11	5110					2845				
			720	1719	255	2416		410	971	142	1321
ZONE NO	IN12	2895					1632				
			417	986	145	1347		239	562	82	750
ZONE NO	IN13	1317					733				
			185	443	66	622		106	250	37	341
ZONE NO	IN14	835					468				
			119	283	42	392		68	161	23	216

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN15	1419					744				
			180	447	71	722		100	242	37	364
ZONE NO	IN16	3488					1927				
			794	1628	19	1046		455	923	7	543
ZONE NO	IN17	239					134				
			57	114	1	68		32	65	0	36
ZONE NO	IN18	291					164				
			70	140	1	81		40	80	0	44
ZONE NO	IN19	561					323				
			139	279	0	143		80	161	0	81
ZONE NO	IN20	304					168				
			70	142	2	92		40	80	1	47
ZONE NO	IN21	277					149				
			60	123	3	93		34	70	1	45
ZONE NO	IN22	130					71				
			29	59	1	42		16	33	0	21
ZONE NO	IN23	1213					661				
			269	554	9	383		153	312	3	193
ZONE NO	IN24	351					187				
			74	154	4	120		42	86	1	58
ZONE NO	IN25	977					530				
			215	443	8	313		122	250	3	156
ZONE NO	IN26	1148					628				
			256	527	8	357		146	298	3	181
ZONE NO	IN27	5611					3133				
			1307	2662	24	1619		749	1517	8	858
ZONE NO	IN28	262					144				
			59	121	2	81		34	68	1	41

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN29	650					368				
			156	315	2	178		90	180	1	97
ZONE NO	IN30	304					168				
			70	142	2	92		40	80	1	47
ZONE NO	IN31	160					85				
			34	70	2	56		19	39	1	26
ZONE NO	IN32	106					57				
			23	47	1	36		13	26	0	16
		56995	8191	20892	2136	25798	32964	4814	12321	1234	14598

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 high occ

INDIAN RIVER COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.70	1.70	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	45.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8
GROUP # 2: 9,10,11,12,13,14,15
GROUP # 3: 16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3-5 low occ high participation

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN01	925					498				
			71	234	47	574		42	132	25	300
ZONE NO	IN02	4030					2517				
			376	1153	202	2299		241	733	126	1418
ZONE NO	IN03	5709					3632				
			545	1660	285	3218		352	1069	181	2029
ZONE NO	IN04	4779					3026				
			453	1384	239	2703		293	888	151	1694
ZONE NO	IN05	1003					624				
			93	287	50	573		60	181	31	352
ZONE NO	IN06	694					447				
			68	205	35	388		44	133	23	249
ZONE NO	IN07	1588					1013				
			152	463	80	894		99	299	51	565
ZONE NO	IN08	3953					2491				
			373	1140	198	2243		240	729	124	1397
ZONE NO	IN09	1800					1022				
			262	619	90	830		150	353	51	467
ZONE NO	IN10	2727					1529				
			389	924	136	1278		223	525	77	706
ZONE NO	IN11	4919					2779				
			711	1681	246	2282		407	958	139	1274
ZONE NO	IN12	2822					1606				
			413	972	141	1296		238	557	81	732
ZONE NO	IN13	1267					716				
			183	433	64	588		105	247	36	328
ZONE NO	IN14	808					458				
			118	278	41	374		68	159	23	209

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN15	1282					696				
			173	419	64	626		97	233	34	330
ZONE NO	IN16	4532					2566				
			1087	1983	11	1451		626	1135	4	802
ZONE NO	IN17	320					183				
			79	142	1	100		45	82	0	56
ZONE NO	IN18	334					191				
			82	148	1	104		47	85	0	58
ZONE NO	IN19	1009					583				
			252	454	0	304		146	262	0	176
ZONE NO	IN20	328					185				
			78	143	1	106		45	81	0	58
ZONE NO	IN21	294					164				
			68	125	2	100		39	71	1	53
ZONE NO	IN22	366					209				
			90	161	1	114		51	93	0	65
ZONE NO	IN23	1785					1007				
			426	778	5	577		245	444	2	316
ZONE NO	IN24	1042					593				
			252	458	2	329		146	263	1	183
ZONE NO	IN25	2607					1486				
			634	1151	4	817		366	661	2	459
ZONE NO	IN26	2046					1161				
			494	897	5	650		284	514	2	362
ZONE NO	IN27	5520					3125				
			1324	2413	14	1768		762	1382	5	977
ZONE NO	IN28	316					178				
			75	137	1	103		43	78	0	56

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN29	636					363				
			155	281	1	199		89	161	0	112
ZONE NO	IN30	480					273				
			116	211	1	152		67	121	0	85
ZONE NO	IN31	212					118				
			49	90	1	72		28	51	0	38
ZONE NO	IN32	98					54				
			23	41	1	34		13	24	0	18
		60231	9664	21465	1970	27146	35493	5701	12704	1170	15924

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 low occ high participation

INDIAN RIVER COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.70	1.70	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	30.00	35.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	55.00	45.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8
GROUP # 2: 9,10,11,12,13,14,15
GROUP # 3: 16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3-5 high occ high participation

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN01	1227					619				
			86	295	62	785		48	157	31	384
ZONE NO	IN02	4416					2671				
			395	1231	221	2570		249	764	134	1526
ZONE NO	IN03	6074					3778				
			563	1733	303	3473		360	1098	189	2131
ZONE NO	IN04	5128					3165				
			470	1454	256	2948		300	916	158	1792
ZONE NO	IN05	1103					664				
			98	307	55	643		62	189	33	380
ZONE NO	IN06	721					458				
			69	210	36	406		44	135	23	256
ZONE NO	IN07	1683					1051				
			157	482	85	961		101	306	53	592
ZONE NO	IN08	4272					2618				
			389	1204	214	2465		246	755	130	1487
ZONE NO	IN09	1855					1041				
			265	630	93	868		151	357	52	480
ZONE NO	IN10	2868					1579				
			396	952	143	1376		225	535	79	741
ZONE NO	IN11	5110					2845				
			720	1719	255	2416		410	971	142	1321
ZONE NO	IN12	2895					1632				
			417	986	145	1347		239	562	82	750
ZONE NO	IN13	1317					733				
			185	443	66	622		106	250	37	341
ZONE NO	IN14	835					468				
			119	283	42	392		68	161	23	216

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN15	1419					744				
			180	447	71	722		100	242	37	364
ZONE NO	IN16	4692					2622				
			1095	2015	19	1562		629	1146	7	841
ZONE NO	IN17	327					185				
			79	143	1	105		45	82	0	58
ZONE NO	IN18	341					193				
			82	149	1	109		47	85	0	60
ZONE NO	IN19	1011					584				
			252	454	0	306		146	262	0	176
ZONE NO	IN20	342					190				
			79	146	2	116		46	82	1	61
ZONE NO	IN21	315					171				
			69	129	3	115		39	73	1	58
ZONE NO	IN22	374					212				
			90	163	1	120		51	93	0	67
ZONE NO	IN23	1857					1032				
			430	792	9	628		246	449	3	334
ZONE NO	IN24	1071					603				
			254	464	4	350		146	265	1	190
ZONE NO	IN25	2669					1508				
			638	1163	8	861		367	666	3	474
ZONE NO	IN26	2110					1184				
			497	910	8	695		285	519	3	377
ZONE NO	IN27	5717					3194				
			1334	2453	24	1907		765	1396	8	1025
ZONE NO	IN28	330					183				
			76	140	2	113		44	79	1	59

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

INDIAN RIVER COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	IN29	650					368				
			156	284	2	209		90	162	1	115
ZONE NO	IN30	494					278				
			117	214	2	162		68	122	1	88
ZONE NO	IN31	226					123				
			50	93	2	82		29	52	1	41
ZONE NO	IN32	106					57				
			23	43	1	40		13	24	0	20
		63555	9830	22131	2136	29474	36754	5765	12955	1234	16805

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 high occ high participation

INDIAN RIVER COUNTY, TREASURE COAST

INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.06	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.70	1.70	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	30.00	35.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	55.00	45.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8
GROUP # 2: 9,10,11,12,13,14,15
GROUP # 3: 16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 1-2 low occ

ST. LUCIE COUNTY. TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL01	2477					1409				
			237	949	124	1168		136	547	70	656
ZONE NO	SL02	9119					4477				
			681	2723	456	5259		355	1421	223	2477
ZONE NO	SL03	3381					1884				
			313	1252	169	1647		178	714	94	898
ZONE NO	SL04	3381					1884				
			313	1252	169	1647		178	714	94	898
ZONE NO	SL05	246					144				
			25	98	12	111		14	58	7	65
ZONE NO	SL06	2					2				
			0	1	0	1		0	1	0	1
ZONE NO	SL07	6					3				
			1	2	0	3		0	1	0	1
ZONE NO	SL08	975					548				
			92	366	49	468		52	210	27	258
ZONE NO	SL09	1007					580				
			98	393	50	465		57	228	29	265
ZONE NO	SL10	8412					4706				
			783	3136	420	4073		448	1791	235	2232
ZONE NO	SL11	56					29				
			8	22	3	22		4	12	1	12
ZONE NO	SL12	458					191				
			42	131	23	263		20	58	10	105
ZONE NO	SL13	364					176				
			48	132	18	165		24	66	9	77
ZONE NO	SL14	1340					685				
			335	804	0	201		171	411	0	103

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL15	238					122				
			60	143	0	36		31	73	0	18
ZONE NO	SL16	13079					5722				
			2071	5449	300	5260		1011	2594	105	2013
ZONE NO	SL17	6619					2821				
			956	2573	175	2916		461	1204	61	1096
ZONE NO	SL18	1673					680				
			201	569	54	849		94	256	19	311
ZONE NO	SL19	382					195				
			96	229	0	57		49	117	0	29
ZONE NO	SL20	888					454				
			222	533	0	133		114	272	0	68
ZONE NO	SL21	3532					1274				
			224	800	165	2344		88	303	58	826
ZONE NO	SL22	2742					1111				
			324	923	90	1404		152	413	32	514
ZONE NO	SL23	2020					986				
			447	1095	15	465		226	551	5	204
ZONE NO	SL24	534					273				
			134	320	0	80		68	164	0	41
ZONE NO	SL25	3894					1990				
			971	2330	1	593		496	1191	0	302
ZONE NO	SL26	24					13				
			6	14	0	4		3	8	0	2
ZONE NO	SL27	384					196				
			96	230	0	58		49	118	0	29
ZONE NO	SL28	308					157				
			77	185	0	46		39	94	0	24

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY. TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL29	302					155				
			76	181	0	45		39	93	0	23
		67843	8937	26835	2293	29783	32869	4557	13683	1079	13548

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1,-2 low occ

ST. LUCIE COUNTY, TREASURE COAST

INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	40.00	40.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	45.00	40.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10
GROUP # 2: 11,12,13
GROUP # 3: 14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 1-2 high occ

ST. LUCIE COUNTY. TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL01	2626					1469				
			244	978	131	1272		139	559	73	697
ZONE NO	SL02	12355					5772				
			843	3370	618	7524		420	1680	288	3384
ZONE NO	SL03	3732					2025				
			331	1322	187	1892		185	742	101	996
ZONE NO	SL04	3732					2025				
			331	1322	187	1892		185	742	101	996
ZONE NO	SL05	246					144				
			25	98	12	111		14	58	7	65
ZONE NO	SL06	2					2				
			0	1	0	1		0	1	0	1
ZONE NO	SL07	6					3				
			1	2	0	3		0	1	0	1
ZONE NO	SL08	1058					581				
			96	382	53	527		54	216	29	282
ZONE NO	SL09	1040					593				
			100	400	52	488		58	230	30	274
ZONE NO	SL10	9216					5028				
			824	3296	461	4635		464	1855	251	2457
ZONE NO	SL11	56					29				
			8	22	3	22		4	12	1	12
ZONE NO	SL12	643					256				
			51	168	32	392		23	71	13	150
ZONE NO	SL13	410					192				
			51	141	21	198		25	69	10	88
ZONE NO	SL14	1340					685				
			335	804	0	201		171	411	0	103

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL15	238					122				
			60	143	0	36		31	73	0	18
ZONE NO	SL16	17276					7191				
			2281	6288	510	8197		1084	2887	178	3041
ZONE NO	SL17	9066					3678				
			1078	3062	297	4628		504	1375	104	1696
ZONE NO	SL18	2434					947				
			239	722	92	1382		107	309	32	498
ZONE NO	SL19	382					195				
			96	229	0	57		49	117	0	29
ZONE NO	SL20	888					454				
			222	533	0	133		114	272	0	68
ZONE NO	SL21	5841					2082				
			339	1261	280	3960		128	464	98	1392
ZONE NO	SL22	4006					1554				
			388	1176	154	2289		174	502	54	824
ZONE NO	SL23	2226					1058				
			457	1136	25	609		230	565	9	254
ZONE NO	SL24	534					273				
			134	320	0	80		68	164	0	41
ZONE NO	SL25	3905					1994				
			971	2332	1	601		496	1192	0	305
ZONE NO	SL26	24					13				
			6	14	0	4		3	8	0	2
ZONE NO	SL27	384					196				
			96	230	0	58		49	118	0	29
ZONE NO	SL28	308					157				
			77	185	0	46		39	94	0	24

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL29	302					155				
			76	181	0	45		39	93	0	23
		84274	9760	30118	3116	41283	38870	4857	14880	1379	17750

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1-2 high occ

ST. LUCIE COUNTY. TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	40.00	40.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	45.00	40.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10
GROUP # 2: 11,12,13
GROUP # 3: 14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3-5 low occ

ST. LUCIE COUNTY. TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL01	2477	237	835	124	1281	1409	136	480	70	722
ZONE NO	SL02	9119	681	2499	456	5484	4477	355	1290	223	2608
ZONE NO	SL03	3381	313	1108	169	1791	1884	178	629	94	982
ZONE NO	SL04	3381	313	1108	169	1791	1884	178	629	94	982
ZONE NO	SL05	246	25	86	12	123	144	14	50	7	72
ZONE NO	SL06	2	0	1	0	1	2	0	1	0	1
ZONE NO	SL07	6	1	2	0	3	3	0	1	0	2
ZONE NO	SL08	975	92	324	49	511	548	52	185	27	283
ZONE NO	SL09	1007	98	345	50	513	580	57	200	29	294
ZONE NO	SL10	8412	783	2772	420	4436	4706	448	1578	235	2445
ZONE NO	SL11	2688	403	941	134	1210	1375	206	481	69	619
ZONE NO	SL12	1660	222	542	83	813	806	112	268	41	386
ZONE NO	SL13	1618	236	556	81	744	817	120	283	41	373
ZONE NO	SL14	1498	375	749	0	375	767	192	384	0	192

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL15	1086					556				
			272	543	0	272		139	278	0	139
ZONE NO	SL16	13781					6081				
			2247	5092	300	6144		1101	2412	105	2465
ZONE NO	SL17	7059					3046				
			1066	2481	175	3338		517	1157	61	1312
ZONE NO	SL18	2243					971				
			343	795	54	1050		167	372	19	414
ZONE NO	SL19	578					295				
			145	289	0	145		74	148	0	74
ZONE NO	SL20	1090					557				
			273	545	0	273		139	279	0	139
ZONE NO	SL21	3532					1274				
			224	777	165	2368		88	291	58	838
ZONE NO	SL22	2742					1111				
			324	829	90	1498		152	366	32	562
ZONE NO	SL23	2308					1134				
			519	1066	15	710		263	537	5	329
ZONE NO	SL24	796					407				
			199	398	0	199		102	204	0	102
ZONE NO	SL25	4222					2158				
			1053	2106	1	1063		538	1077	0	542
ZONE NO	SL26	62					31				
			16	31	0	16		8	16	0	8
ZONE NO	SL27	420					214				
			105	210	0	105		54	107	0	54
ZONE NO	SL28	308					158				
			77	154	0	77		40	79	0	40

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL29	308					157				
			77	154	0	77		39	79	0	39
		77005	10719	27338	2547	36411	37554	5469	13861	1210	17019

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 low occ

ST. LUCIE COUNTY. TREASURE COAST

INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	45.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10
GROUP # 2: 11,12,13
GROUP # 3: 14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3-5 high occ

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL01	2626					1469				
			244	864	131	1385		139	492	73	763
ZONE NO	SL02	12355					5772				
			843	3146	618	7749		420	1549	288	3515
ZONE NO	SL03	3732					2025				
			331	1178	187	2036		185	657	101	1080
ZONE NO	SL04	3732					2025				
			331	1178	187	2036		185	657	101	1080
ZONE NO	SL05	246					144				
			25	86	12	123		14	50	7	72
ZONE NO	SL06	2					2				
			0	1	0	1		0	1	0	1
ZONE NO	SL07	6					3				
			1	2	0	3		0	1	0	2
ZONE NO	SL08	1058					581				
			96	340	53	570		54	191	29	307
ZONE NO	SL09	1040					593				
			100	352	52	536		58	202	30	303
ZONE NO	SL10	9216					5028				
			824	2932	461	4998		464	1642	251	2670
ZONE NO	SL11	2688					1375				
			403	941	134	1210		206	481	69	619
ZONE NO	SL12	1845					871				
			231	579	92	942		115	281	44	431
ZONE NO	SL13	1664					833				
			239	565	84	777		121	286	42	384
ZONE NO	SL14	1498					767				
			375	749	0	375		192	384	0	192

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL15	1086					556				
			272	543	0	272		139	278	0	139
ZONE NO	SL16	17978					7550				
			2457	5931	510	9081		1174	2705	178	3493
ZONE NO	SL17	9506					3903				
			1188	2970	297	5050		560	1328	104	1912
ZONE NO	SL18	3004					1238				
			381	948	92	1583		180	425	32	601
ZONE NO	SL19	578					295				
			145	289	0	145		74	148	0	74
ZONE NO	SL20	1090					557				
			273	545	0	273		139	279	0	139
ZONE NO	SL21	5841					2082				
			339	1238	280	3984		128	452	98	1404
ZONE NO	SL22	4006					1554				
			388	1082	154	2383		174	455	54	872
ZONE NO	SL23	2514					1206				
			529	1107	25	854		267	551	9	380
ZONE NO	SL24	796					407				
			199	398	0	199		102	204	0	102
ZONE NO	SL25	4233					2162				
			1053	2108	1	1071		538	1078	0	545
ZONE NO	SL26	62					31				
			16	31	0	16		8	16	0	8
ZONE NO	SL27	420					214				
			105	210	0	105		54	107	0	54
ZONE NO	SL28	308					158				
			77	154	0	77		40	79	0	40

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL29	308					157				
			77	154	0	77		39	79	0	39
		93436	11542	30621	3370	47911	43555	5769	15058	1510	21221

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 high occ

ST. LUCIE COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	45.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10
GROUP # 2: 11,12,13
GROUP # 3: 14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3-5 low occ high participation

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL01	2477	237	722	124	1394	1409	136	414	70	788
ZONE NO	SL02	9119	681	2274	456	5709	4477	355	1158	223	2739
ZONE NO	SL03	3381	313	964	169	1935	1884	178	545	94	1066
ZONE NO	SL04	3381	313	964	169	1935	1884	178	545	94	1066
ZONE NO	SL05	246	25	74	12	135	144	14	43	7	79
ZONE NO	SL06	2	0	1	0	1	2	0	1	0	1
ZONE NO	SL07	6	1	2	0	3	3	0	1	0	2
ZONE NO	SL08	975	92	281	49	554	548	52	160	27	308
ZONE NO	SL09	1007	98	297	50	561	580	57	172	29	322
ZONE NO	SL10	8412	783	2409	420	4799	4706	448	1366	235	2657
ZONE NO	SL11	2688	403	806	134	1344	1375	206	413	69	688
ZONE NO	SL12	1660	222	472	83	883	806	112	232	41	422
ZONE NO	SL13	1618	236	479	81	822	817	120	243	41	413
ZONE NO	SL14	2096	524	943	0	629	1072	268	482	0	322

1 = Public Shelter
2 = Friends Home
3 = Motel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL15	4270					2184				
			1068	1922	0	1281		546	983	0	655
ZONE NO	SL16	16413					7427				
			2905	5887	300	7322		1437	2818	105	3068
ZONE NO	SL17	8711					3891				
			1479	3046	175	4012		728	1446	61	1656
ZONE NO	SL18	4377					2063				
			877	1698	54	1748		440	833	19	771
ZONE NO	SL19	1312					671				
			328	590	0	394		168	302	0	201
ZONE NO	SL20	1846					945				
			462	831	0	554		236	425	0	284
ZONE NO	SL21	3532					1274				
			224	765	165	2379		88	285	58	844
ZONE NO	SL22	2742					1111				
			324	782	90	1545		152	342	32	586
ZONE NO	SL23	3392					1688				
			790	1453	15	1135		401	734	5	548
ZONE NO	SL24	1776					909				
			444	799	0	533		227	409	0	273
ZONE NO	SL25	5454					2787				
			1361	2450	1	1642		695	1252	0	838
ZONE NO	SL26	198					101				
			50	89	0	59		25	45	0	30
ZONE NO	SL27	554					283				
			139	249	0	166		71	127	0	85
ZONE NO	SL28	314					160				
			79	141	0	94		40	72	0	48

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL29	324					166				
			81	146	0	97		42	75	0	50
		92283	14539	31536	2547	43665	45369	7420	15923	1210	20810

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 low occ high participation

ST. LUCIE COUNTY, TREASURE COAST

INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	30.00	30.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	55.00	50.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10
GROUP # 2: 11,12,13
GROUP # 3: 14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3 -5 high occ high participation

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL01	2626	244	751	131	1498	1469	139	426	73	829
ZONE NO	SL02	12355	843	2921	618	7974	5772	420	1417	286	3e4e
ZONE NO	SL03	3732	331	1034	187	2180	2025	185	573	101	1164
ZONE NO	SL04	3732	331	1034	187	2180	2025	185	573	101	1164
ZONE NO	SL05	246	25	74	12	135	144	14	43	7	79
ZONE NO	SL06	2	0	1	0	1	2	0	1	0	1
ZONE NO	SL07	6	1	2	0	3	3	0	1	0	2
ZONE NO	SL08	1058	96	297	53	613	581	54	166	29	332
ZONE NO	SL09	1040	100	304	52	584	593	58	174	30	331
ZONE NO	SL10	9216	824	2569	461	5361	5028	464	1430	251	2882
ZONE NO	SL11	2688	403	806	134	1344	1375	206	413	69	688
ZONE NO	SL12	1845	231	509	92	1012	871	115	245	44	467
ZONE NO	SL13	1664	239	486	84	855	833	121	246	42	424
ZONE NO	SL14	2096	524	943	0	629	1072	268	482	0	322

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY. TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL15	4270					2184				
			1068	1922	0	1281		546	983	0	655
ZONE NO	SL16	20610					8896				
			3115	6726	510	10259		1510	3111	178	4096
ZONE NO	SL17	11158					4748				
			1601	3535	297	5724		771	1617	104	2256
ZONE NO	SL18	5138					2330				
			915	1851	92	2281		453	886	32	958
ZONE NO	SL19	1312					671				
			328	590	0	394		168	302	0	201
ZONE NO	SL20	1846					945				
			462	831	0	554		236	425	0	284
ZONE NO	SL21	5841					2082				
			339	1226	280	3995		128	446	98	1410
ZONE NO	SL22	4006					1554				
			388	1035	154	2430		174	431	54	896
ZONE NO	SL23	3598					1760				
			800	1494	25	1279		405	748	9	598
ZONE NO	SL24	1776					909				
			444	799	0	533		227	409	0	273
ZONE NO	SL25	5465					2791				
			1361	2452	1	1650		695	1253	0	841
ZONE NO	SL26	198					101				
			50	89	0	59		25	45	0	30
ZONE NO	SL27	554					283				
			139	249	0	166		71	127	0	85
ZONE NO	SL28	314					160				
			79	141	0	94		40	72	0	48

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

ST. LUCIE COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	SL29	324					166				
			81	146	0	97		42	75	0	50
		108714	15362	34819	3370	55165	51370	7720	17120	1510	25012

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3-5 high occ high participation

ST. LUCIE COUNTY, TREASURE COAST

INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Perm Unit	2.60	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	10.00	15.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friend	30.00	30.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	55.00	50.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10
GROUP # 2: 11,12,13
GROUP # 3: 14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
GROUP # 4: NONE
GROUP # 5: NONE
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 1-2 low occ

MARTIN COUNTY. TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3384	170	1496	306	1414	2337	117	1090	221	909
ZONE NO	MT02	2665	134	1136	234	1163	1790	89	816	166	718
ZONE NO	MT03	808	41	291	62	416	478	24	194	41	220
ZONE NO	MT04	478	24	225	45	185	346	17	168	34	127
ZONE NO	MT05	851	42	351	72	384	558	28	250	51	230
ZONE NO	MT06	1259	63	555	113	527	868	43	405	82	338
ZONE NO	MT07	847	42	403	81	320	619	31	302	60	226
ZONE NO	MT08	2955	148	1444	290	1073	2205	110	1090	218	787
ZONE NO	MT09	3617	181	1751	352	1333	2679	134	1316	264	965
ZONE NO	MT10	3192	160	1568	315	1150	2392	120	1185	237	850
ZONE NO	MT11	1961	98	954	191	717	1459	73	719	144	522
ZONE NO	MT12	1905	95	878	178	754	1359	68	650	131	511
ZONE NO	MT13	1985	100	899	183	804	1396	70	661	133	533
ZONE NO	MT14	1741	87	826	166	661	1270	64	618	124	465

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1143					816				
			57	527	107	452		41	391	79	306
ZONE NO	MT16	1987					1246				
			537	1010	12	429		353	657	4	232
ZONE NO	MT17	162					80				
			27	59	4	71		17	34	2	29
ZONE NO	MT18	308					169				
			64	129	6	110		40	78	2	47
ZONE NO	MT19	224					115				
			40	86	5	92		25	50	2	38
ZONE NO	MT20	1457					938				
			412	767	5	273		273	504	2	159
ZONE NO	MT21	333					165				
			56	121	9	147		34	69	3	58
ZONE NO	MT22	396					179				
			52	123	14	208		30	65	5	79
ZONE NO	MT23	676					430				
			187	350	3	135		123	228	1	76
ZONE NO	MT24	534					334				
			143	270	3	116		94	176	1	63
ZONE NO	MT25	213					95				
			27	65	7	113		16	34	3	43
ZONE NO	MT26	628					384				
			162	308	5	152		106	198	2	78
ZONE NO	MT27	362					179				
			60	130	10	162		36	75	3	65
ZONE NO	MT28	216					107				
			36	78	6	96		22	44	2	38

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	353	79	157	5	111	201	51	97	2	51
ZONE NO	MT30	573	152	288	4	129	357	100	187	1	68
ZONE NO	MT31	1306	371	689	4	242	842	245	453	1	143
ZONE NO	MT32	363	71	148	7	136	195	46	89	3	58
ZONE NO	MT33	1571	399	762	15	396	953	260	486	5	199
ZONE NO	MT34	503	107	214	9	173	279	68	131	3	76
ZONE NO	MT35	1206	294	568	14	330	716	191	361	5	160
ZONE NO	MT36	315	92	169	1	54	206	60	112	0	33
ZONE NO	MT37	245	36	83	7	118	116	23	46	3	46
ZONE NO	MT38	325	93	172	1	59	210	61	113	0	35
ZONE NO	MT39	321	122	170	1	28	207	80	111	0	15
ZONE NO	MT40	1491	575	799	3	115	971	381	527	1	63
ZONE NO	MT41	323	108	156	3	56	196	71	100	1	24
		45182	5744	21175	2858	15404	30439	3835	14882	2042	9683

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1-2 low occ

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	2.00	2.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	30.00	30.00	30.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	50.00	55.00	55.00	55.00	55.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	35.00	15.00	15.00	15.00	5.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 1-2 high occ

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3842	193	1587	329	1734	2520	126	1127	230	1037
ZONE NO	MT02	3124	157	1228	257	1483	1973	98	853	175	847
ZONE NO	MT03	1073	54	344	75	601	584	29	215	46	294
ZONE NO	MT04	512	26	231	47	208	360	18	171	35	137
ZONE NO	MT05	1024	51	386	81	505	627	31	264	54	279
ZONE NO	MT06	1432	72	590	122	648	937	46	419	85	387
ZONE NO	MT07	895	45	412	84	354	638	32	305	61	240
ZONE NO	MT08	3033	151	1460	293	1127	2236	112	1096	220	809
ZONE NO	MT09	3752	187	1778	358	1428	2733	137	1327	267	1003
ZONE NO	MT10	3258	163	1581	318	1196	2418	121	1190	238	869
ZONE NO	MT11	2022	101	967	194	760	1483	74	724	145	539
ZONE NO	MT12	2079	104	913	167	876	1428	71	664	134	560
ZONE NO	MT13	2204	111	942	194	957	1484	75	679	138	594
ZONE NO	MT14	1844	92	847	171	733	1311	66	626	126	494

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1246					857				
			62	548	112	524		43	399	81	335
ZONE NO	MT16	2153					1304				
			545	1044	20	545		356	668	7	273
ZONE NO	MT17	222					101				
			30	71	7	113		18	38	3	44
ZONE NO	MT18	389					197				
			68	145	10	167		41	84	3	67
ZONE NO	MT19	298					141				
			44	101	9	144		26	56	3	56
ZONE NO	MT20	1526					962				
			415	781	8	322		274	509	3	176
ZONE NO	MT21	457					208				
			62	146	15	234		36	78	5	89
ZONE NO	MT22	585					245				
			61	161	23	340		33	78	8	125
ZONE NO	MT23	719					445				
			189	359	5	166		124	231	2	87
ZONE NO	MT24	580					350				
			146	279	6	149		95	179	2	74
ZONE NO	MT25	316					131				
			32	86	12	185		17	41	4	68
ZONE NO	MT26	702					410				
			166	323	9	204		107	204	3	96
ZONE NO	MT27	499					227				
			67	158	17	258		39	84	6	99
ZONE NO	MT28	297					135				
			40	94	10	153		23	50	3	58

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	427	83	172	9	162	226	52	102	3	69
ZONE NO	MT30	628	155	299	7	168	376	101	190	2	82
ZONE NO	MT31	1365	374	701	7	283	863	246	457	2	157
ZONE NO	MT32	467	77	169	13	209	232	47	97	4	83
ZONE NO	MT33	1775	409	803	25	538	1024	264	503	9	249
ZONE NO	MT34	627	113	239	15	260	322	70	140	5	107
ZONE NO	MT35	1396	303	606	23	464	783	194	374	8	206
ZONE NO	MT36	324	92	170	1	60	209	60	113	0	35
ZONE NO	MT37	348	41	104	12	190	152	24	53	4	71
ZONE NO	MT38	338	94	174	2	69	214	62	114	1	38
ZONE NO	MT39	334	123	172	2	38	211	81	112	1	18
ZONE NO	MT40	1534	577	808	5	145	986	382	530	2	73
ZONE NO	MT41	366	110	165	5	86	211	72	103	2	34
		50012	5985	22144	3099	18786	32257	3923	15247	2130	10958

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1-2 high occ

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Perat Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	2.00	2.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	30.00	30.00	30.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	50.00	55.00	55.00	55.00	55.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	35.00	15.00	15.00	15.00	5.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3 low occ

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3384	170	1087	306	1823	2337	117	778	221	1221
ZONE NO	MT02	2665	134	835	234	1464	1790	89	587	166	947
ZONE NO	MT03	808	41	227	62	480	478	24	144	41	270
ZONE NO	MT04	478	24	161	45	249	346	17	118	34	177
ZONE NO	MT05	851	42	260	72	475	558	28	181	51	299
ZONE NO	MT06	1259	63	403	113	679	868	43	289	82	454
ZONE NO	MT07	847	42	286	81	437	619	31	213	60	315
ZONE NO	MT08	2955	148	1017	290	1500	2205	110	765	218	1112
ZONE NO	MT09	3617	181	1237	352	1847	2679	134	926	264	1355
ZONE NO	MT10	3192	160	1103	315	1615	2392	120	832	237	1203
ZONE NO	MT11	1961	98	673	191	998	1459	73	505	144	736
ZONE NO	MT12	1905	95	630	178	1002	1359	68	461	131	700
ZONE NO	MT13	1985	100	648	183	1055	1396	70	470	133	724
ZONE NO	MT14	1741	87	587	166	900	1270	64	436	124	647

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1143					816				
			57	378	107	601		41	277	79	420
ZONE NO	MT16	6847					4479				
			673	3352	343	2480		444	2215	224	1597
ZONE NO	MT17	2604					1704				
			256	1276	130	941		169	843	86	607
ZONE NO	MT18	4820					3169				
			476	2375	241	1727		315	1572	158	1123
ZONE NO	MT19	3136					2052				
			308	1536	157	1135		204	1015	103	731
ZONE NO	MT20	1731					1120				
			168	836	87	640		111	550	56	404
ZONE NO	MT21	1081					663				
			99	487	54	440		63	313	33	253
ZONE NO	MT22	712					389				
			58	275	36	344		34	166	20	169
ZONE NO	MT23	2528					1662				
			250	1245	126	906		165	824	83	589
ZONE NO	MT24	986					635				
			95	473	49	368		62	311	32	230
ZONE NO	MT25	3083					2003				
			301	1497	154	1131		198	986	101	719
ZONE NO	MT26	670					412				
			202	275	5	187		133	176	2	101
ZONE NO	MT27	374					188				
			72	119	10	173		45	68	3	72
ZONE NO	MT28	216					108				
			41	68	6	101		25	38	2	41

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	377	100	143	5	128	218	65	88	2	62
ZONE NO	MT30	591	183	246	4	157	369	120	159	1	87
ZONE NO	MT31	1310	433	569	4	304	844	286	373	1	184
ZONE NO	MT32	377	87	133	7	150	203	56	78	3	67
ZONE NO	MT33	1643	488	666	15	474	1001	320	425	5	251
ZONE NO	MT34	529	132	193	9	194	296	85	117	3	90
ZONE NO	MT35	1324	382	527	14	400	795	250	334	5	207
ZONE NO	MT36	317	107	140	1	70	207	71	92	0	43
ZONE NO	MT37	295	59	96	7	133	149	37	54	3	56
ZONE NO	MT38	329	110	144	1	75	213	72	94	0	46
ZONE NO	MT39	321	122	170	1	28	207	80	111	0	15
ZONE NO	MT40	1491	575	799	3	115	971	381	527	1	63
ZONE NO	MT41	323	108	156	3	56	196	71	100	1	24
		66806	7327	27328	4167	27982	44822	4891	18611	2913	18411

1 = Public Shelter
2 = Friends Home
3 = Motel/Motel
4 = Out of County

Cat 3 low occ

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	3.00	2.00	0.50	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	50.00	45.00	45.00	55.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	35.00	20.00	20.00	5.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3 high occ

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3842	193	1178	329	2143	2520	126	815	230	1349
ZONE NO	MT02	3124	157	927	257	1784	1973	98	624	175	1076
ZONE NO	MT03	1073	54	280	75	665	584	29	165	46	344
ZONE NO	MT04	512	26	167	47	272	360	18	121	35	187
ZONE NO	MT05	1024	51	295	81	596	627	31	195	54	348
ZONE NO	MT06	1432	72	438	122	800	937	46	303	85	503
ZONE NO	MT07	895	45	295	84	471	638	32	216	61	329
ZONE NO	MT08	3033	151	1033	293	1554	2236	112	771	220	1134
ZONE NO	MT09	3752	187	1264	358	1942	2733	137	937	267	1393
ZONE NO	MT10	3258	163	1116	318	1661	2418	121	837	238	1222
ZONE NO	MT11	2022	101	686	194	1041	1483	74	510	145	753
ZONE NO	MT12	2079	104	665	187	1124	1428	71	475	134	749
ZONE NO	MT13	2204	111	691	194	1208	1484	75	488	138	785
ZONE NO	MT14	1844	92	608	171	972	1311	66	444	126	676

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1246					857				
			62	399	112	673		43	285	81	449
ZONE NO	MT16	7013					4537				
			681	3386	351	2596		447	2226	227	1638
ZONE NO	MT17	2664					1725				
			259	1288	133	983		170	847	87	622
ZONE NO	MT18	4901					3197				
			480	2391	245	1784		316	1578	159	1143
ZONE NO	MT19	3210					2078				
			312	1551	161	1187		205	1021	104	749
ZONE NO	MT20	1800					1144				
			171	850	90	689		112	555	57	421
ZONE NO	MT21	1205					706				
			105	512	60	527		65	322	35	284
ZONE NO	MT22	901					455				
			67	313	45	476		37	179	23	215
ZONE NO	MT23	2571					1677				
			252	1254	128	937		166	827	84	600
ZONE NO	MT24	1032					651				
			98	482	52	401		63	314	33	241
ZONE NO	MT25	3186					2039				
			306	1518	159	1203		199	993	102	744
ZONE NO	MT26	744					438				
			206	290	9	239		134	182	3	119
ZONE NO	MT27	511					236				
			79	147	17	269		48	77	6	106
ZONE NO	MT28	297					136				
			45	84	10	158		26	44	3	61

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	451	104	158	9	179	243	66	93	3	80
ZONE NO	MT30	646	186	257	7	196	388	121	162	2	101
ZONE NO	MT31	1369	436	581	7	345	865	287	377	2	198
ZONE NO	MT32	481	93	154	13	223	240	57	86	4	92
ZONE NO	MT33	1847	498	707	25	616	1072	324	440	9	301
ZONE NO	MT34	653	138	218	15	281	339	87	126	5	121
ZONE NO	MT35	1514	391	565	23	534	862	253	347	8	253
ZONE NO	MT36	326	107	141	1	76	210	71	93	0	45
ZONE NO	MT37	398	64	117	12	205	185	38	61	4	81
ZONE NO	MT38	342	111	146	2	85	217	73	95	1	49
ZONE NO	MT39	334	123	172	2	38	211	81	112	1	18
ZONE NO	MT40	1534	577	808	5	145	986	382	530	2	73
ZONE NO	MT41	366	110	165	5	86	211	72	103	2	34
		71636	7568	28297	4408	31364	46640	4979	18976	3001	19686

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3 high occ

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	3.00	2.00	0.50	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	50.00	45.00	45.00	55.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	35.00	20.00	20.00	5.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 4-5 low occ

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3384	170	1087	306	1823	2337	117	778	221	1221
ZONE NO	MT02	2665	134	835	234	1464	1790	89	587	166	947
ZONE NO	MT03	808	41	227	62	480	478	24	144	41	270
ZONE NO	MT04	478	24	161	45	249	346	17	118	34	177
ZONE NO	MT05	851	42	260	72	475	558	28	181	51	299
ZONE NO	MT06	1259	63	403	113	679	868	43	289	82	454
ZONE NO	MT07	847	42	286	81	437	619	31	213	60	315
ZONE NO	MT08	2955	148	1017	290	1500	2205	110	765	218	1112
ZONE NO	MT09	3617	181	1237	352	1847	2679	134	926	264	1355
ZONE NO	MT10	3192	160	1103	315	1615	2392	120	832	237	1203
ZONE NO	MT11	1961	98	673	191	998	1459	73	505	144	736
ZONE NO	MT12	1905	95	630	178	1002	1359	68	461	131	700
ZONE NO	MT13	1985	100	648	183	1055	1396	70	470	133	724
ZONE NO	MT14	1741	87	587	166	900	1270	64	436	124	647

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1143					816				
			57	378	107	601		41	277	79	420
ZONE NO	MT16	6847					4479				
			673	2361	343	3471		444	1556	224	2256
ZONE NO	MT17	2604					1704				
			256	898	130	1319		169	592	86	856
ZONE NO	MT18	4820					3169				
			476	1669	241	2433		315	1103	158	1592
ZONE NO	MT19	3136					2052				
			308	1082	157	1589		204	712	103	1034
ZONE NO	MT20	1731					1120				
			168	591	87	885		111	387	56	567
ZONE NO	MT21	1081					663				
			99	351	54	576		63	222	33	344
ZONE NO	MT22	712					389				
			58	209	36	410		34	122	20	213
ZONE NO	MT23	2528					1662				
			250	875	126	1276		165	578	83	835
ZONE NO	MT24	986					635				
			95	335	49	506		62	219	32	322
ZONE NO	MT25	3083					2003				
			301	1057	154	1571		198	693	101	1012
ZONE NO	MT26	4732					3113				
			468	1640	236	2387		310	1084	156	1564
ZONE NO	MT27	1616					1013				
			152	536	81	847		97	344	50	520
ZONE NO	MT28	282					151				
			23	81	14	164		13	47	8	83

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	2763	271	951	138	1403	1805	179	626	90	910
ZONE NO	MT30	2345	231	809	117	1188	1535	152	533	76	773
ZONE NO	MT31	1318	436	449	4	429	850	288	293	1	267
ZONE NO	MT32	415	100	123	7	184	229	65	72	3	90
ZONE NO	MT33	1863	565	608	15	676	1147	371	386	5	385
ZONE NO	MT34	607	160	186	9	253	348	103	112	3	129
ZONE NO	MT35	1682	508	548	14	613	1032	333	347	5	348
ZONE NO	MT36	323	110	112	1	102	211	72	73	0	65
ZONE NO	MT37	445	111	133	7	192	249	72	79	3	95
ZONE NO	MT38	345	115	118	1	111	224	76	77	0	70
ZONE NO	MT39	321	122	125	1	73	208	80	81	0	45
ZONE NO	MT40	1497	577	586	3	330	976	383	386	1	206
ZONE NO	MT41	331	111	120	3	97	200	73	76	1	51
		77204	8186	26085	4723	38210	51736	5461	17782	3283	25214

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 low occ

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	5.00	1.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	30.00	20.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 4 -5 high occ

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3842	193	1178	329	2143	2520	126	815	230	1349
ZONE NO	MT02	3124	157	927	257	1784	1973	98	624	175	1076
ZONE NO	MT03	1073	54	280	75	665	584	29	165	46	344
ZONE NO	MT04	512	26	167	47	272	360	18	121	35	187
ZONE NO	MT05	1024	51	295	81	596	627	31	195	54	348
ZONE NO	MT06	1432	72	438	122	800	937	46	303	85	503
ZONE NO	MT07	895	45	295	84	471	638	32	216	61	329
ZONE NO	MT08	3033	151	1033	293	1554	2236	112	771	220	1134
ZONE NO	MT09	3752	187	1264	358	1942	2733	137	937	267	1393
ZONE NO	MT10	3258	163	1116	318	1661	2418	121	837	238	1222
ZONE NO	MT11	2022	101	686	194	1041	1483	74	510	145	753
ZONE NO	MT12	2079	104	665	187	1124	1428	71	475	134	749
ZONE NO	MT13	2204	111	691	194	1208	1484	75	488	138	785
ZONE NO	MT14	1844	92	608	171	972	1311	66	444	126	676

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1246					857				
			62	399	112	673		43	285	81	449
ZONE NO	MT16	7013					4537				
			681	2395	351	3587		447	1567	227	2297
ZONE NO	MT17	2664					1725				
			259	910	133	1361		170	596	87	873
ZONE NO	MT18	4901					3197				
			480	1685	245	2490		316	1109	159	1612
ZONE NO	MT19	3210					2078				
			312	1097	161	1641		205	718	104	1052
ZONE NO	MT20	1800					1144				
			171	605	90	934		112	392	57	584
ZONE NO	MT21	1205					706				
			105	376	60	663		65	231	35	375
ZONE NO	MT22	901					455				
			67	247	45	542		37	135	23	259
ZONE NO	MT23	2571					1677				
			252	884	128	1307		166	581	84	846
ZONE NO	MT24	1032					651				
			98	344	52	539		63	222	33	333
ZONE NO	MT25	3186					2039				
			306	1078	159	1643		199	700	102	1037
ZONE NO	MT26	4806					3139				
			472	1655	240	2439		311	1090	157	1582
ZONE NO	MT27	1753					1061				
			159	564	88	943		100	353	53	554
ZONE NO	MT28	363					179				
			27	97	18	221		14	53	9	103

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	2837	275	966	142	1454	1830	180	631	91	928
ZONE NO	MT30	2400	234	820	120	1227	1554	153	536	77	787
ZONE NO	MT31	1377	439	461	7	470	871	289	297	2	281
ZONE NO	MT32	519	106	144	13	257	266	66	80	4	115
ZONE NO	MT33	2067	575	649	25	818	1218	375	401	9	435
ZONE NO	MT34	731	166	211	15	340	391	105	121	5	160
ZONE NO	MT35	1872	517	586	23	747	1099	336	360	8	394
ZONE NO	MT36	332	110	113	1	108	214	72	74	0	67
ZONE NO	MT37	548	116	154	12	264	285	73	86	4	120
ZONE NO	MT38	358	116	120	2	121	226	77	78	1	73
ZONE NO	MT39	334	123	127	2	83	212	81	82	1	48
ZONE NO	MT40	1540	579	595	5	360	991	384	389	2	216
ZONE NO	MT41	374	113	129	5	127	215	74	79	2	61
		82034	8427	27054	4964	41592	53554	5549	18147	3371	26489

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 high occ

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	5.00	1.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	30.00	20.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 4-5 low occ high participation

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3384	170	1087	306	1823	2337	117	778	221	1221
ZONE NO	MT02	2665	134	835	234	1464	1790	89	587	166	947
ZONE NO	MT03	808	41	227	62	480	478	24	144	41	270
ZONE NO	MT04	478	24	161	45	249	346	17	116	34	177
ZONE NO	MT05	851	42	260	72	475	558	28	181	51	299
ZONE NO	MT06	1259	63	403	113	679	868	43	289	82	454
ZONE NO	MT07	847	42	286	81	437	619	31	213	60	315
ZONE NO	MT08	2955	148	1017	290	1500	2205	110	765	218	1112
ZONE NO	MT09	3617	181	1237	352	1847	2679	134	926	264	1355
ZONE NO	MT10	3192	160	1103	315	1615	2392	120	832	237	1203
ZONE NO	MT11	1961	98	673	191	998	1459	73	505	144	736
ZONE NO	MT12	1905	95	630	178	1002	1359	68	461	131	700
ZONE NO	MT13	1985	100	648	183	1055	1396	70	470	133	724
ZONE NO	MT14	1741	87	587	166	900	1270	64	436	124	647

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1143					816				
			57	378	107	601		41	277	79	420
ZONE NO	MT16	6847					4479				
			673	2361	343	3471		444	1556	224	2256
ZONE NO	MT17	2604					1704				
			256	898	130	1319		169	592	86	858
ZONE NO	MT18	4820					3169				
			476	1669	241	2433		315	1103	158	1592
ZONE NO	MT19	3136					2052				
			308	1082	157	1589		204	712	103	1034
ZONE NO	MT20	1731					1120				
			168	591	87	885		111	387	56	567
ZONE NO	MT21	1081					663				
			99	351	54	576		63	222	33	344
ZONE NO	MT22	712					389				
			58	209	36	410		34	122	20	213
ZONE NO	MT23	2528					1662				
			250	875	126	1276		165	578	83	835
ZONE NO	MT24	986					635				
			95	335	49	506		62	219	32	322
ZONE NO	MT25	3083					2003				
			301	1057	154	1571		195	693	101	1012
ZONE NO	MT26	4732					3113				
			468	1640	236	2387		310	1084	156	1564
ZONE NO	MT27	1616					1013				
			152	536	81	847		97	344	50	520
ZONE NO	MT28	282					151				
			23	81	14	164		13	47	8	83

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	2763	271	951	138	1403	1805	179	626	90	910
ZONE NO	MT30	2345	231	809	117	1188	1535	152	533	76	773
ZONE NO	MT31	1360	451	464	4	442	878	298	303	1	276
ZONE NO	MT32	607	167	190	7	241	357	110	117	3	129
ZONE NO	MT33	2957	948	991	15	1004	1875	626	641	5	603
ZONE NO	MT34	999	297	323	9	371	609	194	203	3	207
ZONE NO	MT35	3468	1133	1173	14	1149	2221	749	763	5	705
ZONE NO	MT36	355	121	123	1	112	232	79	80	0	71
ZONE NO	MT37	1195	374	396	7	417	747	247	254	3	245
ZONE NO	MT38	423	142	145	1	134	276	94	95	0	86
ZONE NO	MT39	343	131	134	1	78	223	86	87	0	48
ZONE NO	MT40	1625	629	638	3	356	1061	417	420	1	223
ZONE NO	MT41	457	161	170	3	122	284	106	109	1	68
		81846	9825	27724	4723	39576	54825	6551	18872	3283	26124

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 low occ high participation

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	20.00	10.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	30.00	20.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 4-5 high occ high participation

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT01	3842	193	1178	329	2143	2520	126	815	230	1349
ZONE NO	MT02	3124	157	927	257	1784	1973	98	624	175	1076
ZONE NO	MT03	1073	54	280	75	665	584	29	165	46	344
ZONE NO	MT04	512	26	167	47	272	360	18	121	35	187
ZONE NO	MT05	1024	51	295	81	596	627	31	195	54	348
ZONE NO	MT06	1432	72	438	122	800	937	46	303	85	503
ZONE NO	MT07	895	45	295	84	471	638	32	216	61	329
ZONE NO	MT08	3033	151	1033	293	1554	2236	112	771	220	1134
ZONE NO	MT09	3752	187	1264	358	1942	2733	137	937	267	1393
ZONE NO	MT10	3258	163	1116	318	1661	2418	121	837	238	1222
ZONE NO	MT11	2022	101	686	194	1041	1483	74	510	145	753
ZONE NO	MT12	2079	104	665	187	1124	1426	71	475	134	749
ZONE NO	MT13	2204	111	691	194	1208	1484	75	488	138	785
ZONE NO	MT14	1844	92	608	171	972	1311	66	444	126	676

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT15	1246					857				
			62	399	112	673		43	285	81	449
ZONE NO	MT16	7013					4537				
			681	2395	351	3587		447	1567	227	2297
ZONE NO	MT17	2664					1725				
			259	910	133	1361		170	596	87	873
ZONE NO	MT18	4901					3197				
			480	1685	245	2490		316	1109	159	1612
ZONE NO	MT19	3210					2078				
			312	1097	161	1641		205	718	104	1052
ZONE NO	MT20	1800					1144				
			171	605	90	934		112	392	57	584
ZONE NO	MT21	1205					706				
			105	376	60	663		65	231	35	375
ZONE NO	MT22	901					455				
			67	247	45	542		37	135	23	259
ZONE NO	MT23	2571					1677				
			252	884	128	1307		166	581	84	846
ZONE NO	MT24	1032					651				
			98	344	52	539		63	222	32	333
ZONE NO	MT25	3186					2039				
			306	1078	159	1643		199	700	102	1037
ZONE NO	MT26	4806					3139				
			472	1655	240	2439		311	1090	157	1582
ZONE NO	MT27	1753					1061				
			159	564	88	943		100	353	53	554
ZONE NO	MT28	363					179				
			27	97	18	221		14	53	9	103

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

MARTIN COUNTY, TREASURE COAST EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	MT29	2837	275	966	142	1454	1830	180	631	91	926
ZONE NO	MT30	2400	234	820	120	1227	1554	153	536	77	787
ZONE NO	MT31	1419	454	476	7	483	899	299	307	2	290
ZONE NO	MT32	711	173	211	13	314	394	111	125	4	154
ZONE NO	MT33	3161	958	1032	25	1146	1946	630	656	9	653
ZONE NO	MT34	1123	303	348	15	458	652	196	212	5	238
ZONE NO	MT35	3658	1142	1211	23	1283	2288	752	776	8	751
ZONE NO	MT36	364	121	124	1	118	235	79	81	0	73
ZONE NO	MT37	1298	379	417	12	489	783	248	261	4	270
ZONE NO	MT38	436	143	147	2	144	280	95	96	1	89
ZONE NO	MT39	356	132	136	2	88	227	87	88	1	51
ZONE NO	MT40	1668	631	647	5	386	1076	418	423	2	233
ZONE NO	MT41	500	163	179	5	152	299	107	112	2	78
		86676	10066	28693	4964	42958	56643	6639	19237	3371	27399

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 high occ high PARTICIPATION

MARTIN COUNTY, TREASURE COAST
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Perat Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.90	1.90	1.90	1.90	1.90	0.00	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	20.00	10.00	0.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	30.00	20.00	0.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
GROUP # 2: 16,17,18,19,20,21,22,23,24,25
GROUP # 3: 26,27,28,29,30
GROUP # 4: 31,32,33,34,35,36,37,38
GROUP # 5: 39,40,41
GROUP # 6: NONE
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 1-2 low occ

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	10695	533	4645	951	4561	5970	297	2716	551	2401
ZONE NO	PB02	13282	663	5713	1173	5729	7373	367	3331	677	2992
ZONE NO	PB03	6078	303	2878	580	2313	3573	178	1724	346	1321
ZONE NO	PB04	5004	249	2329	470	1952	2911	145	1389	280	1095
ZONE NO	PB05	5861	292	2603	531	2432	3316	165	1533	310	1306
ZONE NO	PB06	11946	596	5200	1065	5082	6677	333	3042	618	2680
ZONE NO	PB07	3934	196	1725	353	1657	2209	110	1012	205	879
ZONE NO	PB08	1709	84	831	166	624	1021	50	501	100	367
ZONE NO	PB09	3821	190	1658	339	1630	2132	106	970	197	858
ZONE NO	PB10	10135	506	4316	888	4422	5594	278	2510	510	2291
ZONE NO	PB11	13838	691	6307	1281	5556	7947	396	3739	754	3053
ZONE NO	PB12	15240	761	7177	1449	5849	8927	446	4294	864	3320
ZONE NO	PB13	9033	451	4468	895	3217	5452	272	2707	542	1928
ZONE NO	PB14	284	82	152	0	46	150	44	80	0	23

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	275					146				
			81	149	0	43		43	79	0	22
ZONE NO	PB16	237					125				
			70	129	0	35		37	68	0	18
ZONE NO	PB17	608					323				
			181	333	0	91		96	177	0	48
ZONE NO	PB18	288					152				
			84	156	0	45		45	82	0	23
ZONE NO	PB19	239					126				
			70	128	0	38		37	68	0	19
ZONE NO	PB20	203					107				
			60	110	0	32		31	58	0	15
ZONE NO	PB21	389					206				
			115	212	0	58		61	112	0	30
ZONE NO	PB22	52					27				
			15	27	0	8		7	14	0	3
ZONE NO	PB23	42					22				
			12	23	0	6		6	12	0	3
ZONE NO	PB24	218					116				
			64	118	0	33		34	63	0	17
ZONE NO	PB25	273					145				
			81	149	0	41		43	79	0	21
ZONE NO	PB26	786					418				
			235	431	0	118		125	229	0	62
ZONE NO	PB27	883					469				
			264	485	0	132		140	257	0	70
ZONE NO	PB28	2749					1461				
			823	1510	0	413		438	803	0	219

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	2934	879	1612	0	440	1560	467	857	0	233
ZONE NO	PB30	776	231	424	0	118	412	123	226	0	62
ZONE NO	PB31	1858	553	1017	0	284	986	294	540	0	149
ZONE NO	PB32	891	267	489	0	133	473	141	260	0	70
ZONE NO	PB33	1813	543	996	0	271	963	288	529	0	144
ZONE NO	PB34	4156	1246	2284	0	624	2209	662	1214	0	331
ZONE NO	PB35	446	133	244	0	67	237	70	129	0	35
ZONE NO	PB36	4587	1373	2518	0	692	2437	730	1338	0	367
ZONE NO	PB37	8383	2509	4602	1	1270	4453	1333	2445	0	671
ZONE NO	PB38	675	201	369	0	102	358	107	196	0	53
ZONE NO	PB39	9163	2747	5037	0	1376	4871	1460	2677	0	731
ZONE NO	PB40	863	258	474	0	129	458	137	251	0	68
ZONE NO	PB41	587	175	321	0	89	312	93	171	0	46
ZONE NO	PB42	810	238	439	0	128	428	126	232	0	68

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	2331					1235				
			694	1274	1	360		368	676	0	188
ZONE NO	PB44	352					187				
			105	192	0	53		55	102	0	27
ZONE NO	PB45	290					153				
			85	157	0	44		45	83	0	23
ZONE NO	PB46	268					142				
			79	146	0	40		42	77	0	21
ZONE NO	PB47	701					370				
			205	379	0	113		109	201	0	57
ZONE NO	PB48	3572					1896				
			1421	1957	1	191		755	1039	0	98
ZONE NO	PB49	152					81				
			60	83	0	7		32	44	0	4
ZONE NO	PB50	1500					795				
			596	821	0	81		316	435	0	41
ZONE NO	PB51	936					497				
			372	512	0	50		198	272	0	25
ZONE NO	PB52	255					135				
			101	139	0	12		54	74	0	6
ZONE NO	PB53	5223					2777				
			2088	2872	0	261		1110	1527	0	138
		171626	24911	83320	10144	53098	95518	13445	47244	5954	28736

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1-2 low occ

PALM BCH COUNTY. S.E.FLA.
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	1.00	1.00	0.50	0.50	0.50	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	30.00	30.00	30.00	30.00	40.00	0.00	0.00	0.00	0.00
Friend	50.00	55.00	55.00	55.00	55.00	55.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	35.00	15.00	15.00	15.00	15.00	5.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 1-2 high occ

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	12332					6595				
			615	4973	1033	5706		328	2841	582	2838
ZONE NO	PB02	15445					8199				
			771	6146	1281	7243		409	3497	719	3570
ZONE NO	PB03	6453					3716				
			322	2953	599	2576		185	1753	353	1421
ZONE NO	PB04	5408					3065				
			269	2409	490	2234		152	1419	287	1202
ZONE NO	PB05	6623					3607				
			330	2756	569	2965		180	1591	325	1509
ZONE NO	PB06	13750					7365				
			686	5560	1155	6344		367	3180	652	3162
ZONE NO	PB07	4497					2424				
			224	1838	381	2051		121	1055	216	1030
ZONE NO	PB08	1763					1042				
			87	842	169	662		51	505	101	381
ZONE NO	PB09	4409					2357				
			220	1776	369	2041		117	1014	208	1015
ZONE NO	PB10	11886					6262				
			593	4666	975	5648		312	2643	544	2760
ZONE NO	PB11	15265					8492				
			763	6593	1353	6555		424	3848	762	3435
ZONE NO	PB12	16272					9321				
			813	7384	1501	6572		465	4373	883	3596
ZONE NO	PB13	9145					5495				
			456	4490	900	3296		274	2715	544	1958
ZONE NO	PB14	290					152				
			82	153	0	50		44	80	0	25

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY. S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	279	81	149	0	46	147	43	79	0	23
ZONE NO	PB16	238	70	129	0	36	126	37	68	0	18
ZONE NO	PB17	609	181	333	0	92	323	96	177	0	48
ZONE NO	PB18	292	84	156	0	48	153	45	82	0	24
ZONE NO	PB19	242	70	129	0	40	127	37	68	0	19
ZONE NO	PB20	206	60	111	0	34	108	31	58	0	16
ZONE NO	PB21	390	115	212	0	60	206	61	112	0	31
ZONE NO	PB22	54	15	27	0	9	27	7	14	0	3
ZONE NO	PB23	43	12	23	0	6	22	6	12	0	3
ZONE NO	PB24	219	64	118	0	33	116	34	63	0	17
ZONE NO	PB25	274	81	149	0	41	146	43	79	0	21
ZONE NO	PB26	787	235	431	0	119	418	125	229	0	62
ZONE NO	PB27	884	264	485	0	133	470	140	257	0	70
ZONE NO	PB28	2751	823	1510	0	414	1462	438	803	0	220

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	2935					1560				
			879	1612	0	441		467	857	0	233
ZONE NO	PB30	779					413				
			231	425	0	120		123	226	0	62
ZONE NO	PB31	1866					989				
			554	1019	1	290		294	541	0	151
ZONE NO	PB32	891					473				
			267	489	0	134		141	260	0	70
ZONE NO	PB33	1814					964				
			543	996	0	272		288	529	0	144
ZONE NO	PB34	4157					2209				
			1246	2284	0	624		662	1214	0	331
ZONE NO	PB35	448					237				
			133	244	0	68		70	129	0	35
ZONE NO	PB36	4594					2439				
			1373	2520	0	697		730	1339	0	368
ZONE NO	PB37	8399					4458				
			2509	4605	1	1281		1333	2446	0	675
ZONE NO	PB38	677					359				
			201	370	0	103		107	196	0	54
ZONE NO	PB39	9167					4872				
			2747	5037	0	1379		1460	2677	0	732
ZONE NO	PB40	864					459				
			258	474	0	130		137	251	0	68
ZONE NO	PB41	590					313				
			175	322	0	91		93	171	0	47
ZONE NO	PB42	819					431				
			239	441	1	135		126	233	0	68

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	2345	694	1277	1	370	1240	368	677	0	192
ZONE NO	PB44	354	105	192	0	54	187	55	102	0	27
ZONE NO	PB45	293	85	158	0	47	154	45	83	0	23
ZONE NO	PB46	269	79	146	0	41	142	42	77	0	21
ZONE NO	PB47	713	206	381	1	122	374	109	201	0	60
ZONE NO	PB48	3586	1421	1959	1	200	1900	755	1040	0	101
ZONE NO	PB49	152	60	83	0	7	81	32	44	0	4
ZONE NO	PB50	1507	596	822	0	86	798	316	436	0	43
ZONE NO	PB51	940	372	513	0	53	498	198	272	0	26
ZONE NO	PB52	256	101	139	0	13	136	54	74	0	6
ZONE NO	PB53	5223	2088	2872	0	261	2777	1110	1527	0	138
		184445	25548	85881	10781	62073	100406	13687	48217	6196	32156

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 1-2 high occ

PALM BCH COUNTY, S.E.FLA.
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	1.00	1.00	0.50	0.50	0.50	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	30.00	30.00	30.00	30.00	40.00	0.00	0.00	0.00	0.00
Friend	50.00	55.00	55.00	55.00	55.00	55.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	35.00	15.00	15.00	15.00	15.00	5.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3 low occ

PALM BCH COUNTY. S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	10695	533	3391	951	5815	5970	297	1954	551	3163
ZONE NO	PB02	13282	663	4184	1173	7258	7373	367	2402	677	3921
ZONE NO	PB03	6078	303	2046	580	3145	3573	178	1218	346	1827
ZONE NO	PB04	5004	249	1664	470	2617	2911	145	985	280	1499
ZONE NO	PB05	5861	292	1887	531	3148	3316	165	1098	310	1741
ZONE NO	PB06	11946	596	3794	1065	6488	6677	333	2188	618	3534
ZONE NO	PB07	3934	196	1255	353	2127	2209	110	726	205	1165
ZONE NO	PB08	1709	84	586	166	869	1021	50	352	100	516
ZONE NO	PB09	3821	190	1210	339	2078	2132	106	698	197	1130
ZONE NO	PB10	10135	506	3171	888	5567	5594	278	1814	510	2987
ZONE NO	PB11	13838	691	4537	1281	7326	7947	396	2664	754	4128
ZONE NO	PB12	15240	761	5112	1449	7914	8927	446	3039	864	4575
ZONE NO	PB13	9033	451	3137	895	4548	5452	272	1898	542	2737
ZONE NO	PB14	9094	867	4301	453	3468	4672	452	2253	232	1730

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	10817					5644				
			1054	5244	540	3976		555	2767	282	2038
ZONE NO	PB16	7085					3738				
			701	3500	354	2528		371	1854	186	1323
ZONE NO	PB17	7850					4138				
			776	3871	392	2810		410	2051	206	1469
ZONE NO	PB18	14318					7499				
			1402	6987	715	5209		739	3692	374	2691
ZONE NO	PB19	6282					3249				
			604	3002	313	2358		316	1577	161	1190
ZONE NO	PB20	245					128				
			83	108	0	51		44	56	0	26
ZONE NO	PB21	421					224				
			145	188	0	86		77	99	0	45
ZONE NO	PB22	87					45				
			28	36	0	19		15	19	0	9
ZONE NO	PB23	75					39				
			25	33	0	14		13	17	0	7
ZONE NO	PB24	277					146				
			95	123	0	56		50	65	0	29
ZONE NO	PB25	315					167				
			109	140	0	64		58	74	0	33
ZONE NO	PB26	851					452				
			296	381	0	171		157	202	0	90
ZONE NO	PB27	936					498				
			326	420	0	187		173	223	0	99
ZONE NO	PB28	2842					1510				
			992	1277	0	571		527	676	0	302

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	2980	1041	1339	0	597	1583	553	711	0	316
ZONE NO	PB30	901	312	402	0	184	477	165	213	0	96
ZONE NO	PB31	2040	706	911	1	419	1080	375	483	0	219
ZONE NO	PB32	980	342	440	0	196	521	182	234	0	104
ZONE NO	PB33	1912	668	859	0	383	1017	355	457	0	203
ZONE NO	PB34	4275	1495	1922	0	856	2272	794	1021	0	454
ZONE NO	PB35	538	186	240	0	109	285	99	127	0	57
ZONE NO	PB36	4791	1670	2150	0	966	2543	887	1142	0	511
ZONE NO	PB37	8668	3019	3888	2	1756	4600	1604	2065	0	926
ZONE NO	PB38	726	252	325	0	148	385	134	172	0	77
ZONE NO	PB39	9231	3227	4151	0	1851	4906	1715	2205	0	982
ZONE NO	PB40	899	313	403	0	180	477	166	214	0	95
ZONE NO	PB41	713	247	318	0	145	377	131	168	0	76
ZONE NO	PB42	1005	343	445	1	214	529	182	235	0	110

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	2593					1370				
			895	1156	2	538		474	612	0	280
ZONE NO	PB44	387					205				
			133	171	0	79		71	91	0	41
ZONE NO	PB45	367					193				
			125	162	0	76		66	85	0	40
ZONE NO	PB46	362					191				
			125	161	0	73		66	85	0	38
ZONE NO	PB47	940					493				
			318	413	1	204		168	218	0	103
ZONE NO	PB48	3868					2049				
			1533	2113	2	219		814	1121	0	110
ZONE NO	PB49	156					83				
			62	85	0	7		33	45	0	4
ZONE NO	PB50	1722					912				
			681	940	1	99		362	498	0	49
ZONE NO	PB51	1000					529				
			395	545	0	57		210	288	0	28
ZONE NO	PB52	303					160				
			120	165	0	16		63	87	0	7
ZONE NO	PB53	5325					2831				
			2129	2928	0	266		1132	1557	0	141
		228751	33355	92217	12918	90106	125319	17901	50797	7395	49071

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3 low occ

PALM BCH COUNTY, S.E.FLA.
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	2.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00
Friend	35.00	50.00	45.00	45.00	45.00	55.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	35.00	20.00	20.00	20.00	5.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 3 high occ

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	12332					6595				
			615	3719	1033	6960		328	2079	582	3600
ZONE NO	PB02	15445					8199				
			771	4617	1281	8772		409	2568	719	4499
ZONE NO	PB03	6453					3716				
			322	2121	599	3408		185	1247	353	1927
ZONE NO	PB04	5408					3065				
			269	1744	490	2899		152	1015	287	1606
ZONE NO	PB05	6623					3607				
			330	2040	569	3681		180	1156	325	1944
ZONE NO	PB06	13750					7365				
			686	4154	1155	7750		367	2326	652	4016
ZONE NO	PB07	4497					2424				
			224	1368	381	2521		121	769	216	1316
ZONE NO	PB08	1763					1042				
			87	597	169	907		51	356	101	530
ZONE NO	PB09	4409					2357				
			220	1328	369	2489		117	742	208	1287
ZONE NO	PB10	11886					6262				
			593	3521	975	6793		312	1947	544	3456
ZONE NO	PB11	15265					8492				
			763	4823	1353	8325		424	2773	782	4510
ZONE NO	PB12	16272					9321				
			813	5319	1501	8637		465	3118	883	4851
ZONE NO	PB13	9145					5495				
			456	3159	900	4627		274	1906	544	2767
ZONE NO	PB14	9667					4864				
			896	4416	482	3869		462	2291	242	1864

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	11198	1073	5321	559	4242	5771	561	2792	288	2127
ZONE NO	PB16	7183	705	3519	358	2597	3771	372	1860	187	1346
ZONE NO	PB17	7977	782	3896	398	2898	4180	412	2059	208	1498
ZONE NO	PB18	14717	1422	7067	735	5489	7633	746	3718	381	2784
ZONE NO	PB19	6604	621	3067	330	2584	3356	322	1599	167	1265
ZONE NO	PB20	250	83	109	0	55	130	44	56	0	27
ZONE NO	PB21	425	145	188	0	89	225	77	99	0	46
ZONE NO	PB22	90	28	37	0	21	46	15	19	0	9
ZONE NO	PB23	75	25	33	0	14	39	13	17	0	7
ZONE NO	PB24	279	95	124	0	57	147	50	65	0	30
ZONE NO	PB25	317	109	140	0	65	168	58	74	0	34
ZONE NO	PB26	854	296	382	0	173	453	157	202	0	91
ZONE NO	PB27	938	326	420	0	188	498	173	223	0	99
ZONE NO	PB28	2846	992	1277	0	573	1511	527	678	0	303

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	2983					1584				
			1041	1340	0	599		553	711	0	317
ZONE NO	PB30	907					479				
			312	403	0	188		165	213	0	97
ZONE NO	PB31	2056					1085				
			707	915	2	431		375	484	0	223
ZONE NO	PB32	981					521				
			342	440	0	197		182	234	0	104
ZONE NO	PB33	1913					1017				
			668	859	0	384		355	457	0	203
ZONE NO	PB34	4278					2273				
			1495	1923	0	857		794	1021	0	455
ZONE NO	PB35	541					286				
			186	241	0	111		99	127	0	57
ZONE NO	PB36	4804					2548				
			1671	2153	1	976		887	1143	0	514
ZONE NO	PB37	8701					4610				
			3020	3894	3	1779		1605	2067	1	934
ZONE NO	PB38	731					387				
			252	326	0	151		134	172	0	78
ZONE NO	PB39	9238					4908				
			3227	4152	0	1856		1715	2206	0	984
ZONE NO	PB40	900					477				
			313	403	0	182		166	214	0	96
ZONE NO	PB41	718					379				
			247	319	0	149		131	168	0	77
ZONE NO	PB42	1024					536				
			344	449	2	227		182	237	0	114

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	2622	896	1162	3	559	1379	475	614	1	287
ZONE NO	PB44	390	133	172	0	81	206	71	91	0	41
ZONE NO	PB45	373	125	163	0	81	195	66	85	0	41
ZONE NO	PB46	365	125	162	0	75	192	66	85	0	39
ZONE NO	PB47	964	319	418	2	221	501	168	219	0	109
ZONE NO	PB48	3896	1534	2118	3	238	2059	815	1123	1	116
ZONE NO	PB49	157	62	85	0	7	83	33	45	0	4
ZONE NO	PB50	1736	681	942	1	109	917	362	499	0	53
ZONE NO	PB51	1008	396	547	1	63	532	210	289	0	30
ZONE NO	PB52	304	120	165	0	17	160	63	87	0	8
ZONE NO	PB53	5326	2129	2928	0	267	2832	1132	1557	0	141
		243580	34092	95185	13655	%100488	130878	18178	51902	7672	52961

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 3 high occ

PALM BCH COUNTY, S.E.FLA.
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	2.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00
Friend	35.00	50.00	45.00	45.00	45.00	55.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	35.00	20.00	20.00	20.00	5.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 4-5 low occ

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	10695	533	3391	951	5815	5970	297	1954	551	3163
ZONE NO	PB02	13282	663	4184	1173	7258	7373	367	2402	677	3921
ZONE NO	PB03	6078	303	2046	580	3145	3573	178	1218	346	1827
ZONE NO	PB04	5004	249	1664	470	2617	2911	145	985	280	1499
ZONE NO	PB05	5861	292	1887	531	3148	3316	165	1098	310	1741
ZONE NO	PB06	11946	596	3794	1065	6488	6677	333	2188	618	3534
ZONE NO	PB07	3934	196	1255	353	2127	2209	110	726	205	1165
ZONE NO	PB08	1709	84	586	166	869	1021	50	352	100	516
ZONE NO	PB09	3821	190	1210	339	2078	2132	106	698	197	1130
ZONE NO	PB10	10135	506	3171	888	5567	5594	278	1814	510	2987
ZONE NO	PB11	13838	691	4537	1281	7326	7947	396	2664	754	4128
ZONE NO	PB12	15240	761	5112	1449	7914	8927	446	3039	864	4575
ZONE NO	PB13	9033	451	3137	895	4548	5452	272	1898	542	2737
ZONE NO	PB14	9094	867	3059	453	4710	4672	452	1593	232	2390

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	10817	1054	3703	540	5517	5644	555	1947	282	2858
ZONE NO	PB16	7085	701	2458	354	3570	3738	371	1300	186	1877
ZONE NO	PB17	7850	776	2720	392	3961	4138	410	1439	206	2081
ZONE NO	PB18	14318	1402	4924	715	7272	7499	739	2596	374	3787
ZONE NO	PB19	6282	604	2128	313	3232	3249	316	1113	161	1654
ZONE NO	PB20	4270	409	1442	213	2203	2203	213	753	109	1124
ZONE NO	PB21	3723	358	1263	185	1912	1928	188	661	96	981
ZONE NO	PB22	3405	328	1157	169	1747	1765	171	606	87	896
ZONE NO	PB23	3157	313	1099	157	1586	1671	165	582	82	837
ZONE NO	PB24	6078	599	2103	303	3070	3200	316	1111	159	1610
ZONE NO	PB25	396	136	137	0	121	210	72	72	0	63
ZONE NO	PB26	985	342	343	0	297	522	182	182	0	157
ZONE NO	PB27	1044	364	364	0	315	554	193	193	0	166
ZONE NO	PB28	3030	1056	1058	0	913	1608	561	561	0	483

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	3070	1071	1072	0	923	1631	569	569	0	489
ZONE NO	PB30	1147	395	398	0	351	607	210	211	0	184
ZONE NO	PB31	2403	826	833	2	739	1269	438	441	0	386
ZONE NO	PB32	1155	403	403	0	347	614	214	214	0	183
ZONE NO	PB33	2112	737	737	0	634	1122	392	392	0	336
ZONE NO	PB34	4514	1577	1578	0	1356	2399	838	838	0	720
ZONE NO	PB35	725	250	251	0	220	384	133	133	0	116
ZONE NO	PB36	5197	1807	1813	1	1573	2755	960	962	0	830
ZONE NO	PB37	9237	3204	3218	4	2808	4893	1702	1707	1	1479
ZONE NO	PB38	831	286	288	0	253	439	152	152	0	132
ZONE NO	PB39	9363	3270	3273	1	2816	4974	1738	1739	0	1494
ZONE NO	PB40	969	337	338	0	292	514	179	179	0	154
ZONE NO	PB41	960	331	333	0	292	508	176	176	0	153
ZONE NO	PB42	1399	472	480	2	441	732	249	252	0	226

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	3117					1641				
			1065	1077	4	967		565	569	1	502
ZONE NO	PB44	454					239				
			155	156	0	139		82	82	0	72
ZONE NO	PB45	519					273				
			175	178	0	161		93	94	0	84
ZONE NO	PB46	548					290				
			189	190	0	167		100	100	0	87
ZONE NO	PB47	1416					740				
			474	484	3	451		251	254	1	230
ZONE NO	PB48	4460					2356				
			1756	1768	4	932		932	936	1	483
ZONE NO	PB49	165					87				
			65	65	0	32		34	34	0	17
ZONE NO	PB50	2169					1145				
			853	859	2	453		452	454	0	235
ZONE NO	PB51	1126					594				
			441	444	1	236		234	235	0	122
ZONE NO	PB52	397					210				
			156	157	0	81		83	83	0	42
ZONE NO	PB53	5531					2940				
			2211	2211	0	1106		1175	1175	0	587
		255091	37330	86536	13959	%117096	139058	19998	47726	7932	63230

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 low occ

PALM BCH COUNTY, S.E.FLA.
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Perat Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	30.00	30.00	20.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 4-5 high occ

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	12332					6595				
			615	3719	1033	6960		328	2079	582	3600
ZONE NO	PB02	15445					8199				
			771	4617	1281	8772		409	2568	719	4495
ZONE NO	PB03	6453					3716				
			322	2121	599	3408		185	1247	353	1927
ZONE NO	PB04	5408					3065				
			269	1744	490	2899		152	1015	287	1606
ZONE NO	PB05	6623					3607				
			330	2040	569	3681		180	1156	325	1944
ZONE NO	PB06	13750					7365				
			686	4154	1155	7750		367	2326	652	4016
ZONE NO	PB07	4497					2424				
			224	1368	381	2521		121	769	216	1316
ZONE NO	PB08	1763					1042				
			87	597	169	907		51	356	101	530
ZONE NO	PB09	4409					2357				
			220	1328	369	2489		117	742	208	1287
ZONE NO	PB10	11886					6262				
			593	3521	975	6793		312	1947	544	3456
ZONE NO	PB11	15265					8492				
			763	4823	1353	8325		424	2773	782	4510
ZONE NO	PB12	16272					9321				
			813	5319	1501	8637		465	3118	883	4851
ZONE NO	PB13	9145					5495				
			456	3159	900	4627		274	1906	544	2767
ZONE NO	PB14	9667					4864				
			896	3174	482	5111		462	1631	242	2524

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	11198	1073	3780	559	5783	5771	561	1972	288	2947
ZONE NO	PB16	7183	705	2477	358	3639	3771	372	1306	187	1900
ZONE NO	PB17	7977	782	2745	398	4049	4180	412	1447	208	2110
ZONE NO	PB18	14717	1422	5004	735	7552	7633	746	2622	381	3880
ZONE NO	PB19	6604	621	2193	330	3458	3356	322	1135	167	1729
ZONE NO	PB20	4510	421	1490	225	2371	2283	217	769	113	1180
ZONE NO	PB21	3903	367	1299	194	2039	1989	191	673	99	1023
ZONE NO	PB22	3563	336	1189	177	1858	1818	174	616	90	934
ZONE NO	PB23	3184	315	1104	159	1604	1680	166	584	83	843
ZONE NO	PB24	6189	605	2125	309	3148	3237	318	1118	161	1635
ZONE NO	PB25	400	136	137	0	123	211	72	72	0	64
ZONE NO	PB26	989	342	344	0	301	524	182	182	0	158
ZONE NO	PB27	1047	364	365	0	317	555	193	193	0	166
ZONE NO	PB28	3038	1056	1059	0	918	1611	561	562	0	485

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	3075					1632				
			1071	1073	0	927		569	569	0	491
ZONE NO	PB30	1160					611				
			396	400	1	359		210	211	0	186
ZONE NO	PB31	2436					1280				
			828	840	4	762		439	443	1	393
ZONE NO	PB32	1158					615				
			403	404	0	349		214	214	0	184
ZONE NO	PB33	2114					1123				
			737	738	0	636		392	392	0	337
ZONE NO	PB34	4519					2401				
			1577	1579	0	1359		838	838	0	721
ZONE NO	PB35	731					386				
			250	252	0	224		133	133	0	117
ZONE NO	PB36	5223					2764				
			1809	1818	3	1592		961	964	1	836
ZONE NO	PB37	9302					4915				
			3207	3231	7	2853		1703	1711	2	1494
ZONE NO	PB38	840					442				
			287	290	1	260		152	153	0	135
ZONE NO	PB39	9378					4979				
			3270	3276	1	2827		1738	1740	0	1498
ZONE NO	PB40	973					515				
			337	338	0	295		179	179	0	155
ZONE NO	PB41	969					511				
			332	335	1	299		176	177	0	155
ZONE NO	PB42	1437					745				
			474	488	4	468		250	255	1	235

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 low occ high participation

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	10695	533	3391	951	5815	5970	297	1954	551	3163
ZONE NO	PB02	13282	663	4184	1173	7258	7373	367	2402	677	3921
ZONE NO	PB03	6078	303	2046	580	3145	3573	178	1218	346	1827
ZONE NO	PB04	5004	249	1664	470	2617	2911	145	985	280	1499
ZONE NO	PB05	5861	292	1887	531	3148	3316	165	1098	310	1741
ZONE NO	PB06	11946	596	3794	1065	6488	6677	333	2188	618	3534
ZONE NO	PB07	3934	196	1255	353	2127	2209	110	726	205	1165
ZONE NO	PB08	1709	84	586	166	869	1021	50	352	100	516
ZONE NO	PB09	3821	190	1210	339	2078	2132	106	698	197	1130
ZONE NO	PB10	10135	506	3171	888	5567	5594	278	1814	510	2987
ZONE NO	PB11	13838	691	4537	1281	7326	7947	396	2664	754	4128
ZONE NO	PB12	15240	761	5112	1449	7914	8927	446	3039	864	4575
ZONE NO	PB13	9033	451	3137	895	4548	5452	272	1898	542	2737
ZONE NO	PB14	9094	867	3059	453	4710	4672	452	1593	232	2390

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	10817					5644				
			1054	3703	540	5517		555	1947	282	2858
ZONE NO	PB16	7085					3738				
			701	2458	354	3570		371	1300	186	1877
ZONE NO	PB17	7850					4138				
			776	2720	392	3961		410	1439	206	2081
ZONE NO	PB18	14318					7499				
			1402	4924	715	7272		739	2596	374	3787
ZONE NO	PB19	6282					3249				
			604	2128	313	3232		316	1113	161	1654
ZONE NO	PB20	4270					2203				
			409	1442	213	2203		213	753	109	1124
ZONE NO	PB21	3723					1928				
			358	1263	185	1912		188	661	96	981
ZONE NO	PB22	3405					1765				
			328	1157	169	1747		171	606	87	896
ZONE NO	PB23	3157					1671				
			313	1099	157	1586		165	582	82	837
ZONE NO	PB24	6078					3200				
			599	2103	303	3070		316	1111	159	1610
ZONE NO	PB25	2272					1194				
			553	894	3	820		293	472	1	425
ZONE NO	PB26	4040					2131				
			993	1598	4	1442		526	846	1	755
ZONE NO	PB27	3522					1862				
			869	1397	2	1250		461	740	0	657
ZONE NO	PB28	7325					3867				
			1802	2901	7	2614		956	1536	2	1370

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY. S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	3174	1068	1089	7	1008	1660	566	573	2	515
ZONE NO	PB44	460	155	158	0	144	241	82	83	0	73
ZONE NO	PB45	531	176	180	1	170	277	93	94	0	86
ZONE NO	PB46	553	189	191	0	171	291	100	100	0	89
ZONE NO	PB47	1463	476	494	5	484	755	251	257	1	241
ZONE NO	PB48	4517	1758	1779	6	971	2375	933	940	2	496
ZONE NO	PB49	166	65	65	0	33	88	34	34	0	17
ZONE NO	PB50	2197	854	864	3	473	1154	453	456	1	242
ZONE NO	PB51	1142	442	448	2	248	599	234	236	0	126
ZONE NO	PB52	401	156	157	0	83	211	83	83	0	43
ZONE NO	PB53	5533	2211	2211	0	1108	2941	1175	1175	0	598
		270866	38118	89693	14747	%128143	144934	20292	48894	8226	67340

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 high occ

PALM BCH COUNTY, S.E.FLA.
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	35.00	35.00	40.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	30.00	30.00	20.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	5168	1272	2047	4	1842	2729	675	1084	1	965
ZONE NO	PB30	6836	1664	2690	10	2468	3592	882	1421	3	1281
ZONE NO	PB31	10761	2571	4186	29	3972	5603	1360	2201	9	2030
ZONE NO	PB32	5217	1295	2077	2	1840	2766	687	1102	0	972
ZONE NO	PB33	6708	1667	2673	2	2363	3556	885	1419	0	1249
ZONE NO	PB34	10033	2492	3996	4	3539	5318	1323	2121	1	1869
ZONE NO	PB35	5012	1231	1982	5	1791	2643	652	1049	1	937
ZONE NO	PB36	14550	3544	5726	23	5254	7644	1879	3026	7	2729
ZONE NO	PB37	22323	5348	8696	58	8218	11639	2831	4577	19	4208
ZONE NO	PB38	3232	775	1259	7	1186	1686	410	663	2	608
ZONE NO	PB39	12428	3053	4917	13	4442	6555	1620	2603	4	2325
ZONE NO	PB40	2586	633	1020	3	926	1361	336	540	1	483
ZONE NO	PB41	6678	1634	2636	8	2397	3516	866	1394	2	1250
ZONE NO	PB42	10425	2469	4032	34	3887	5407	1305	2116	11	1971

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	15180					7866				
			3588	5865	51	5673		1897	3076	17	2873
ZONE NO	PB44	2001					1041				
			475	775	5	741		251	407	1	377
ZONE NO	PB45	4016					2092				
			960	1562	10	1479		508	822	3	757
ZONE NO	PB46	4841					2554				
			1190	1916	4	1727		631	1014	1	904
ZONE NO	PB47	12366					6407				
			2922	4777	42	4623		1545	2505	14	2340
ZONE NO	PB48	9200					4811				
			3099	3599	20	2480		1642	1896	6	1262
ZONE NO	PB49	229					121				
			78	89	0	59		41	47	0	30
ZONE NO	PB50	5735					3009				
			1946	2252	10	1524		1032	1189	3	782
ZONE NO	PB51	2134					1111				
			710	829	5	586		376	435	1	295
ZONE NO	PB52	1153					608				
			395	456	1	299		210	241	0	155
ZONE NO	PB53	7174					3811				
			2506	2866	0	1799		1332	1522	0	954
		389798	64660	%141743	14301	%168921	209311	34451	76801	8039	89831

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 low occ high participation

PALM BCH COUNTY, S.E.FLA.

INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	25.00	25.00	10.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	50.00	50.00	50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	25.00	25.00	35.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	40.00	40.00	40.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	35.00	35.00	25.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

Cat 4-5 high occ high participation

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB01	12332					6595				
			615	3719	1033	6960		328	2079	582	3600
ZONE NO	PB02	15445					8199				
			771	4617	1281	8772		409	2568	719	4499
ZONE NO	PB03	6453					3716				
			322	2121	599	3408		185	1247	353	1927
ZONE NO	PB04	5408					3065				
			269	1744	490	2899		152	1015	287	1606
ZONE NO	PB05	6623					3607				
			330	2040	569	3681		180	1156	325	1944
ZONE NO	PB06	13750					7365				
			686	4154	1155	7750		367	2326	652	4016
ZONE NO	PB07	4497					2424				
			224	1368	381	2521		121	769	216	1316
ZONE NO	PB08	1763					1042				
			87	597	169	907		51	356	101	530
ZONE NO	PB09	4409					2357				
			220	1328	369	2489		117	742	208	1287
ZONE NO	PB10	11886					6262				
			593	3521	975	6793		312	1947	544	3456
ZONE NO	PB11	15265					8492				
			763	4823	1353	8325		424	2773	782	4510
ZONE NO	PB12	16272					9321				
			813	5319	1501	8637		465	3118	883	4851
ZONE NO	PB13	9145					5495				
			456	3159	900	4627		274	1906	544	2767
ZONE NO	PB14	9667					4864				
			896	3174	482	5111		462	1631	242	2524

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY. S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB15	11198	1073	3780	559	5783	5771	561	1972	288	2947
ZONE NO	PB16	7183	705	2477	358	3639	3771	372	1306	187	1900
ZONE NO	PB17	7977	782	2745	398	4049	4180	412	1447	208	2110
ZONE NO	PB18	14717	1422	5004	735	7552	7633	746	2622	381	3880
ZONE NO	PB19	6604	621	2193	330	3458	3356	322	1135	167	1729
ZONE NO	PB20	4510	421	1490	225	2371	2283	217	769	113	1180
ZONE NO	PB21	3903	367	1299	194	2039	1989	191	673	99	1023
ZONE NO	PB22	3563	336	1189	177	1858	1818	174	616	90	934
ZONE NO	PB23	3184	315	1104	159	1604	1680	166	584	83	843
ZONE NO	PB24	6189	605	2125	309	3148	3237	318	1118	161	1638
ZONE NO	PB25	2322	556	904	6	855	1211	294	476	2	437
ZONE NO	PB26	4099	996	1610	7	1484	2151	527	850	2	769
ZONE NO	PB27	3560	871	1405	4	1277	1875	462	743	1	666
ZONE NO	PB28	7427	1807	2921	12	2686	3901	958	1543	4	1393

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB29	5235					2752				
			1276	2060	8	1889		676	1088	2	981
ZONE NO	PB30	6988					3643				
			1672	2720	18	2574		885	1431	6	1317
ZONE NO	PB31	11174					5741				
			2592	4268	50	4261		1367	2229	16	2126
ZONE NO	PB32	5248					2776				
			1296	2083	3	1861		688	1104	1	979
ZONE NO	PB33	6740					3567				
			1668	2679	3	2385		886	1421	1	1257
ZONE NO	PB34	10090					5337				
			2494	4007	6	3579		1324	2125	2	1883
ZONE NO	PB35	5087					2668				
			1235	1997	9	1844		654	1054	3	954
ZONE NO	PB36	14875					7753				
			3560	5791	39	5482		1885	3047	13	2805
ZONE NO	PB37	23136					11910				
			5388	8858	98	8787		2844	4631	32	4398
ZONE NO	PB38	3344					1724				
			781	1282	13	1265		412	671	4	634
ZONE NO	PB39	12614					6617				
			3062	4954	22	4572		1623	2616	7	2368
ZONE NO	PB40	2630					1376				
			635	1029	5	957		336	543	1	494
ZONE NO	PB41	6798					3557				
			1640	2660	14	2481		868	1402	4	1278
ZONE NO	PB42	10904					5567				
			2493	4128	58	4222		1313	2148	19	2083

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

PALM BCH COUNTY, S.E.FLA. EVACUATING POPULATION AT RISK AND EVACUATING VEHICLES

		Evacuating Population	1	2	3	4	Evacuating Vehicles	1	2	3	4
ZONE NO	PB43	15903	3624	6009	87	6179	8107	1909	3125	29	3042
ZONE NO	PB44	2084	480	792	10	799	1068	253	413	3	397
ZONE NO	PB45	4166	968	1592	18	1584	2143	511	832	6	792
ZONE NO	PB46	4909	1194	1930	8	1775	2577	632	1019	2	920
ZONE NO	PB47	12958	2951	4895	71	5038	6604	1555	2545	24	2479
ZONE NO	PB48	9481	3113	3655	34	2677	4905	1647	1915	11	1328
ZONE NO	PB49	232	78	90	0	61	122	41	47	0	30
ZONE NO	PB50	5877	1953	2280	17	1624	3056	1034	1199	5	815
ZONE NO	PB51	2216	715	846	10	644	1139	378	441	3	314
ZONE NO	PB52	1171	396	459	2	311	614	210	242	0	160
ZONE NO	PB53	7183	2507	2868	1	1806	3814	1332	1523	0	956
		410392	65693	%145862	15334	%183340	216796	34830	78298	8418	95069

1 = Public Shelter
2 = Friends Home
3 = Hotel/Motel
4 = Out of County

Cat 4-5 high occ high participation

PALM BCH COUNTY, S.E.FLA.
INPUT PARAMETERS BY GROUP

GROUPS	1	2	3	4	5	6	7	8	9	10
Number of People Per M. H. Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Permt Unit	2.37	2.37	2.37	2.37	2.37	2.37	0.00	0.00	0.00	0.00
Number of People Per Tourist Unit	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Number of Vehicles Per Unit	1.80	1.80	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Number of Vehicles Per Tourist Unit	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	0.00
% Participation of M.H. Units	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
% Participation of Other Units	100.00	100.00	100.00	25.00	25.00	10.00	0.00	0.00	0.00	0.00
% Occupancy of Tourist Units	85.00	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00
% Distribution: Public Shelters	5.00	10.00	10.00	25.00	25.00	35.00	0.00	0.00	0.00	0.00
Friend	35.00	35.00	35.00	40.00	40.00	40.00	0.00	0.00	0.00	0.00
Hotel/Motel	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Out of County	50.00	50.00	50.00	35.00	35.00	25.00	0.00	0.00	0.00	0.00
Vehicle Usage %	80.00	70.00	70.00	70.00	70.00	70.00	0.00	0.00	0.00	0.00

GROUP # 1: 1,2,3,4,5,6,7,8,9,10,11,12,13
GROUP # 2: 14,15,16,17,18,19
GROUP # 3: 20,21,22,23,24
GROUP # 4: 25,26,27,28,29,30,31,32,33,34,35,36,37
GROUP # 5: 38,39,40,41,42,43,44,45,46,47
GROUP # 6: 48,49,50,51,52,53
GROUP # 7: NONE
GROUP # 8: NONE
GROUP # 9: NONE
GROUP #10: NONE

ANNEX D

Representative Total Triptables Showing Zone to Zone Vehicle Movements

FILE NAME : FTIALT.TRP Zone to Zone Vehicle Movements
COMBINED - FTIALH, FTIALF, FTIALP, FTIALO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	101	17 -	41	18 -	41	19 -	41	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	7	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	80	35 -	188	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	481	17 -	241	18 -	240	19 -	241	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	126	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	356	35 -	832	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	353	22 -	465	23 -	0	24 -	682	25 -	353	26 -	0	27 -	92	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	506	35 -	1181	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	292	23 -	0	24 -	586	25 -	316	26 -	317	27 -	93	28 -	10	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	424	35 -	988	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	119	17 -	60	18 -	59	19 -	0	20 -	60
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	31	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	89	35 -	206	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	22	17 -	44	18 -	44	19 -	66	20 -	0
21 -	44	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	23	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	62	35 -	143	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	148	20 -	0
21 -	99	22 -	98	23 -	0	24 -	149	25 -	0	26 -	0	27 -	0	28 -	41	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	144	35 -	336	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	240	23 -	0	24 -	240	25 -	360	26 -	360	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	387	35 -	903	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	13	17 -	13	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	13	29 -	32	30 -	0
31 -	0	32 -	0	33 -	0	34 -	22	35 -	51	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	25	25 -	25	26 -	61	27 -	25	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	46	35 -	104	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	56	25 -	51	26 -	31	27 -	32	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	57	35 -	134	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	27	22 -	28	23 -	0	24 -	67	25 -	27	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	43	35 -	99	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	4	19 -	9	20 -	0
21 -	5	22 -	4	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	10	35 -	21	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	3	17 -	4	18 -	5	19 -	7	20 -	4
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	8	35 -	18	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	57	17 -	24	18 -	23	19 -	0	20 -	23
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	42	35 -	99	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	405	17 -	245	18 -	245	19 -	0	20 -	245
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	244	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	90	35 -	211	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	47	17 -	0	18 -	17	19 -	0	20 -	17
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	17	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	6	35 -	13	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	23	18 -	0	19 -	61	20 -	23
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	23	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	8	35 -	17	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	38	19 -	63	20 -	38
21 -	38	22 -	0	23 -	37	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	12	35 -	27	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	23	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	61	24 -	0	25 -	0	26 -	0	27 -	23	28 -	22	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	8	35 -	20	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	20	20 -	0
21 -	0	22 -	0	23 -	19	24 -	32	25 -	19	26 -	0	27 -	19	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	8	35 -	19	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	5	22 -	0	23 -	4	24 -	11	25 -	4	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	2	35 -	5	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	77	20 -	77
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	204	28 -	77	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	31	35 -	71	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	9	24 -	14	25 -	8	26 -	9	27 -	8	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	5	35 -	14	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	34	24 -	0	25 -	56	26 -	34	27 -	34	28 -	34	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	17	35 -	39	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	108	27 -	66	28 -	65	29 -	0	30 -	65
31 -	0	32 -	65	33 -	0	34 -	27	35 -	62	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	448	24 -	0	25 -	0	26 -	330	27 -	412	28 -	447	29 -	0	30 -	447
31 -	0	32 -	447	33 -	0	34 -	155	35 -	361	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	31	24 -	0	25 -	0	26 -	0	27 -	19	28 -	0	29 -	18	30 -	19
31 -	0	32 -	18	33 -	0	34 -	7	35 -	16	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	54	28 -	54	29 -	89	30 -	54
31 -	0	32 -	53	33 -	0	34 -	17	35 -	41	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	20	29 -	19	30 -	32
31 -	19	32 -	19	33 -	0	34 -	7	35 -	17	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	10	29 -	10	30 -	26
31 -	0	32 -	9	33 -	0	34 -	4	35 -	10	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	8	28 -	8	29 -	0	30 -	20
31 -	7	32 -	0	33 -	0	34 -	3	35 -	8	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FILE NAME : FTIBHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTIBHH, FTIBHF, FTIBHP, FTIBHO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	110	17 -	43	18 -	43	19 -	43	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	13	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	110	35 -	258	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	469	17 -	220	18 -	220	19 -	219	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	134	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	423	35 -	988	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	318	22 -	429	23 -	0	24 -	654	25 -	317	26 -	0	27 -	100	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	588	35 -	1372	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	265	23 -	0	24 -	564	25 -	288	26 -	288	27 -	85	28 -	25	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	495	35 -	1156	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	117	17 -	54	18 -	54	19 -	0	20 -	54
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	33	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	106	35 -	246	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	22	17 -	39	18 -	39	19 -	61	20 -	0
21 -	39	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	23	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	70	35 -	164	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	139	20 -	0
21 -	88	22 -	89	23 -	0	24 -	139	25 -	0	26 -	0	27 -	0	28 -	10	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	177	35 -	411	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	218	23 -	0	24 -	217	25 -	341	26 -	340	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	451	35 -	1051	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	166	17 -	89	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	89	29 -	164	30 -	0
31 -	0	32 -	0	33 -	0	34 -	160	35 -	372	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	134	25 -	134	26 -	359	27 -	133	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	246	35 -	574	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	448	25 -	448	26 -	243	27 -	242	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	439	35 -	1024	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	141	22 -	140	23 -	0	24 -	380	25 -	140	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	250	35 -	582	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	63	19 -	168	20 -	0
21 -	63	22 -	62	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	113	35 -	265	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	34	17 -	41	18 -	40	19 -	74	20 -	40
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	72	35 -	167	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	161	17 -	60	18 -	61	19 -	0	20 -	60
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	120	35 -	281	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	455	17 -	231	18 -	231	19 -	0	20 -	231
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	230	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	165	35 -	385	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	49	17 -	0	18 -	16	19 -	0	20 -	16
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	16	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	11	35 -	25	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	20	18 -	0	19 -	60	20 -	20
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	20	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	13	35 -	31	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	41	19 -	80	20 -	40
21 -	40	22 -	0	23 -	40	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	24	35 -	57	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	20	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	60	24 -	0	25 -	0	26 -	0	27 -	20	28 -	20	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	14	35 -	34	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	18	20 -	0
21 -	0	22 -	0	23 -	17	24 -	34	25 -	18	26 -	0	27 -	17	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	14	35 -	32	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	9	22 -	0	23 -	8	24 -	24	25 -	8	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	6	35 -	15	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	78	20 -	78
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	231	28 -	78	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	59	35 -	137	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	22	24 -	42	25 -	21	26 -	22	27 -	21	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	17	35 -	42	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	63	24 -	0	25 -	122	26 -	62	27 -	63	28 -	62	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	48	35 -	111	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	146	27 -	75	28 -	74	29 -	0	30 -	75
31 -	0	32 -	74	33 -	0	34 -	55	35 -	129	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	380	24 -	0	25 -	0	26 -	363	27 -	386	28 -	379	29 -	0	30 -	379
31 -	0	32 -	379	33 -	0	34 -	259	35 -	607	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	32	24 -	0	25 -	0	26 -	0	27 -	17	28 -	0	29 -	19	30 -	17
31 -	0	32 -	17	33 -	0	34 -	12	35 -	30	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	45	28 -	45	29 -	90	30 -	45
31 -	0	32 -	45	33 -	0	34 -	29	35 -	69	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	20	29 -	20	30 -	40
31 -	20	32 -	20	33 -	0	34 -	14	35 -	34	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	10	29 -	10	30 -	29
31 -	0	32 -	9	33 -	0	34 -	8	35 -	19	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	6	28 -	6	29 -	0	30 -	20
31 -	7	32 -	0	33 -	0	34 -	6	35 -	12	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FILE NAME : FTICHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTICHH, FTICHF, FTICHP, FTICHO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	106	17 -	39	18 -	39	19 -	39	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	13	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	115	35 -	269	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	440	17 -	191	18 -	191	19 -	191	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	134	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	458	35 -	1068	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	275	22 -	386	23 -	0	24 -	612	25 -	274	26 -	0	27 -	100	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	639	35 -	1492	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	229	23 -	0	24 -	529	25 -	253	26 -	253	27 -	85	28 -	25	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	538	35 -	1254	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	110	17 -	47	18 -	47	19 -	0	20 -	47
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	33	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	114	35 -	266	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	22	17 -	34	18 -	34	19 -	56	20 -	0
21 -	33	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	23	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	77	35 -	179	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	127	20 -	0
21 -	76	22 -	77	23 -	0	24 -	127	25 -	0	26 -	0	27 -	0	28 -	10	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	191	35 -	444	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	189	23 -	0	24 -	189	25 -	312	26 -	311	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	485	35 -	1132	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	166	17 -	89	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	89	29 -	164	30 -	0
31 -	0	32 -	0	33 -	0	34 -	160	35 -	372	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	134	25 -	134	26 -	359	27 -	133	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	246	35 -	571	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	448	25 -	448	26 -	243	27 -	242	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	439	35 -	1024	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	141	22 -	140	23 -	0	24 -	380	25 -	140	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	250	35 -	582	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	63	19 -	168	20 -	0
21 -	63	22 -	62	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	113	35 -	265	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	34	17 -	41	18 -	40	19 -	74	20 -	40
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	72	35 -	167	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	161	17 -	60	18 -	61	19 -	0	20 -	60
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	120	35 -	281	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	629	17 -	287	18 -	286	19 -	0	20 -	287
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	286	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	254	35 -	594	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	66	17 -	0	18 -	20	19 -	0	20 -	21
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	20	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	17	35 -	41	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	22	18 -	0	19 -	68	20 -	21
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	21	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	18	35 -	42	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	66	19 -	92	20 -	65
21 -	66	22 -	0	23 -	65	24 -	54	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	53	35 -	123	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	21	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	66	24 -	0	25 -	0	26 -	0	27 -	21	28 -	20	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	18	35 -	44	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	19	20 -	0
21 -	0	22 -	0	23 -	18	24 -	39	25 -	18	26 -	0	27 -	18	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	17	35 -	42	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	24	22 -	0	23 -	23	24 -	74	25 -	23	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	20	35 -	47	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	113	20 -	112
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	358	28 -	112	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	101	35 -	236	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	67	24 -	146	25 -	66	26 -	66	27 -	66	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	57	35 -	134	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	167	24 -	0	25 -	367	26 -	166	27 -	167	28 -	166	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	143	35 -	334	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	285	27 -	130	28 -	130	29 -	0	30 -	130
31 -	0	32 -	129	33 -	0	34 -	114	35 -	266	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	349	24 -	0	25 -	0	26 -	472	27 -	293	28 -	349	29 -	0	30 -	349
31 -	0	32 -	349	33 -	0	34 -	310	35 -	723	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	26	24 -	0	25 -	0	26 -	0	27 -	20	28 -	0	29 -	38	30 -	20
31 -	0	32 -	19	33 -	0	34 -	18	35 -	42	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	41	28 -	40	29 -	90	30 -	41
31 -	0	32 -	40	33 -	0	34 -	35	35 -	81	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	31	29 -	30	30 -	68
31 -	31	32 -	30	33 -	0	34 -	26	35 -	63	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	13	29 -	13	30 -	42
31 -	0	32 -	13	33 -	0	34 -	12	35 -	30	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	6	28 -	6	29 -	0	30 -	19
31 -	6	32 -	0	33 -	0	34 -	6	35 -	14	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FILE NAME : FTSALT.TRP Zone to Zone Vehicle Movements
COMBINED - FTSALP, FTSALF, FTSALH, FTSALO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	137	19 -	137	20 -	0
21 -	0	22 -	0	23 -	343	24 -	136	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	262	34 -	394	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	356	19 -	355	20 -	0
21 -	0	22 -	0	23 -	933	24 -	355	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	991	34 -	1486	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	141	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	273	19 -	178	20 -	0
21 -	0	22 -	0	23 -	216	24 -	178	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	359	34 -	539	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	178	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	273	19 -	178	20 -	0
21 -	0	22 -	0	23 -	179	24 -	178	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	359	34 -	539	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	36	17 -	14	18 -	15	19 -	14	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	26	34 -	39	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	1	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	1	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	1	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	1	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	40	13 -	0	14 -	0	15 -	0	16 -	0	17 -	53	18 -	91	19 -	53	20 -	0
21 -	0	22 -	0	23 -	52	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	103	34 -	155	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	13	23 -	57	24 -	114	25 -	73	26 -	57	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	106	34 -	159	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	448	15 -	672	16 -	907	17 -	0	18 -	0	19 -	0	20 -	447
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	893	34 -	1339	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	3	15 -	7	16 -	4	17 -	0	18 -	0	19 -	0	20 -	3
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	5	34 -	7	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	45	19 -	14	20 -	0
21 -	0	22 -	0	23 -	15	24 -	14	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	42	34 -	63	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	26	19 -	16	20 -	0
21 -	0	22 -	0	23 -	17	24 -	40	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	31	34 -	46	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	82	15 -	254	16 -	0	17 -	0	18 -	0	19 -	0	20 -	82
21 -	82	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	82	30 -	0
31 -	0	32 -	0	33 -	41	34 -	62	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	15	15 -	45	16 -	0	17 -	0	18 -	0	19 -	0	20 -	15
21 -	15	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	14	30 -	0
31 -	0	32 -	0	33 -	7	34 -	11	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	519	16 -	1635	17 -	519	18 -	519	19 -	519	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	805	34 -	1208	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	241	16 -	241	17 -	763	18 -	241	19 -	241	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	438	34 -	658	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	51	16 -	0	17 -	51	18 -	164	19 -	51	20 -	0
21 -	0	22 -	0	23 -	52	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	124	34 -	187	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	24	16 -	0	17 -	23	18 -	24	19 -	72	20 -	0
21 -	0	22 -	0	23 -	0	24 -	23	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	12	34 -	17	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	54	15 -	169	16 -	0	17 -	0	18 -	0	19 -	0	20 -	54
21 -	55	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	54	30 -	0
31 -	0	32 -	0	33 -	27	34 -	41	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	61	16 -	0	17 -	0	18 -	17	19 -	71	20 -	60
21 -	119	22 -	60	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	61	30 -	0
31 -	0	32 -	0	33 -	330	34 -	496	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	152	19 -	0	20 -	0
21 -	83	22 -	114	23 -	0	24 -	0	25 -	0	26 -	0	27 -	83	28 -	82	29 -	83	30 -	0
31 -	0	32 -	0	33 -	206	34 -	308	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	342	19 -	111	20 -	0
21 -	0	22 -	0	23 -	110	24 -	111	25 -	111	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	82	34 -	122	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	33	19 -	33	20 -	0
21 -	0	22 -	0	23 -	33	24 -	101	25 -	33	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	16	34 -	25	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	296	19 -	0	20 -	0
21 -	0	22 -	0	23 -	239	24 -	439	25 -	238	26 -	239	27 -	239	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	121	34 -	181	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	3	19 -	0	20 -	0
21 -	0	22 -	1	23 -	0	24 -	2	25 -	1	26 -	2	27 -	51	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	2	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	27	23 -	0	24 -	0	25 -	0	26 -	26	27 -	76	28 -	26	29 -	27	30 -	0
31 -	0	32 -	0	33 -	12	34 -	17	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	19	22 -	19	23 -	0	24 -	0	25 -	0	26 -	0	27 -	57	28 -	19	29 -	19	30 -	0
31 -	0	32 -	0	33 -	10	34 -	14	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	19	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	18
21 -	19	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	39	28 -	18	29 -	19	30 -	0
31 -	0	32 -	0	33 -	9	34 -	14	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FILE NAME : FTSBHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTSBHP, FTSBHF, FTSBHH, FTSBHO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	123	19 -	123	20 -	0
21 -	0	22 -	0	23 -	335	24 -	123	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	305	34 -	458	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	455	19 -	387	20 -	0
21 -	0	22 -	0	23 -	997	24 -	418	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	1406	34 -	2109	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	185	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	265	19 -	165	20 -	0
21 -	0	22 -	0	23 -	164	24 -	164	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	432	34 -	648	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	174	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	265	19 -	164	20 -	0
21 -	0	22 -	0	23 -	165	24 -	175	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	432	34 -	648	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	33	17 -	13	18 -	12	19 -	13	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	29	34 -	43	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	1	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	1	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	1	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	1	34 -	1	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	48	18 -	131	19 -	48	20 -	0
21 -	0	22 -	0	23 -	47	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	123	34 -	184	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	14	23 -	50	24 -	109	25 -	66	26 -	51	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	121	34 -	182	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	411	15 -	642	16 -	894	17 -	0	18 -	0	19 -	0	20 -	410
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	1068	34 -	1602	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	121	15 -	326	16 -	189	17 -	0	18 -	0	19 -	0	20 -	120
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	248	34 -	371	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	229	19 -	71	20 -	0
21 -	0	22 -	0	23 -	70	24 -	70	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	172	34 -	259	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	234	19 -	72	20 -	0
21 -	0	22 -	0	23 -	71	24 -	72	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	154	34 -	230	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	77	15 -	269	16 -	0	17 -	0	18 -	0	19 -	0	20 -	76
21 -	77	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	77	30 -	0
31 -	0	32 -	0	33 -	77	34 -	115	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	56	15 -	194	16 -	0	17 -	0	18 -	0	19 -	0	20 -	56
21 -	55	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	56	30 -	0
31 -	0	32 -	0	33 -	56	34 -	83	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	541	16 -	1893	17 -	541	18 -	541	19 -	541	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	1397	34 -	2096	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	266	16 -	265	17 -	930	18 -	265	19 -	266	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	765	34 -	1147	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	85	16 -	0	17 -	85	18 -	297	19 -	85	20 -	0
21 -	0	22 -	0	23 -	85	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	240	34 -	361	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	30	16 -	0	17 -	29	18 -	30	19 -	103	20 -	0
21 -	0	22 -	0	23 -	0	24 -	30	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	30	34 -	44	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	56	15 -	195	16 -	0	17 -	0	18 -	0	19 -	0	20 -	55
21 -	56	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	56	30 -	0
31 -	0	32 -	0	33 -	56	34 -	83	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	90	16 -	0	17 -	128	18 -	0	19 -	0	20 -	91
21 -	188	22 -	91	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	90	30 -	0
31 -	0	32 -	0	33 -	562	34 -	842	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	174	19 -	0	20 -	0
21 -	91	22 -	145	23 -	0	24 -	0	25 -	0	26 -	0	27 -	91	28 -	91	29 -	91	30 -	0
31 -	0	32 -	0	33 -	349	34 -	523	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	386	19 -	110	20 -	0
21 -	0	22 -	0	23 -	111	24 -	110	25 -	110	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	152	34 -	228	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	41	19 -	41	20 -	0
21 -	0	22 -	0	23 -	40	24 -	143	25 -	41	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	41	34 -	61	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	209	18 -	176	19 -	0	20 -	0

21 -	0	22 -	0	23 -	216	24 -	368	25 -	216	26 -	215	27 -	216	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	218	34 -	327	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	3	23 -	0	24 -	3	25 -	4	26 -	3	27 -	11	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	3	34 -	5	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	21	23 -	0	24 -	0	25 -	0	26 -	22	27 -	75	28 -	22	29 -	21	30 -	0
31 -	0	32 -	0	33 -	22	34 -	32	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	16	22 -	16	23 -	0	24 -	0	25 -	0	26 -	0	27 -	55	28 -	16	29 -	16	30 -	0
31 -	0	32 -	0	33 -	16	34 -	24	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	16	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	16
21 -	15	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	39	28 -	16	29 -	16	30 -	0
31 -	0	32 -	0	33 -	16	34 -	23	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FILE NAME : FTSCHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTSCHP, FTSCHF, FTSCHH, FTSCHO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	107	19 -	106	20 -	0
21 -	0	22 -	0	23 -	319	24 -	106	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	332	34 -	497	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	31	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	421	19 -	355	20 -	0
21 -	0	22 -	0	23 -	964	24 -	354	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	1458	34 -	2188	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	185	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	245	19 -	143	20 -	0
21 -	0	22 -	0	23 -	143	24 -	143	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	466	34 -	698	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	143	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	244	19 -	143	20 -	0
21 -	0	22 -	0	23 -	144	24 -	185	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	466	34 -	698	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	32	17 -	11	18 -	11	19 -	10	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	32	34 -	47	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	1	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	1	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	1	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	2	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	42	18 -	124	19 -	42	20 -	0
21 -	0	22 -	0	23 -	41	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	133	34 -	199	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	14	23 -	43	24 -	102	25 -	59	26 -	44	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	132	34 -	199	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	357	15 -	590	16 -	841	17 -	0	18 -	0	19 -	0	20 -	357
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	1153	34 -	1729	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	103	15 -	310	16 -	172	17 -	0	18 -	0	19 -	0	20 -	103
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	275	34 -	413	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	220	19 -	61	20 -	0
21 -	0	22 -	0	23 -	62	24 -	61	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	187	34 -	280	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	104	19 -	61	20 -	0
21 -	0	22 -	0	23 -	61	24 -	183	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	170	34 -	254	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	96	15 -	365	16 -	0	17 -	0	18 -	0	19 -	0	20 -	96
21 -	97	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	96	30 -	0
31 -	0	32 -	0	33 -	129	34 -	193	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	197	15 -	742	16 -	0	17 -	0	18 -	0	19 -	0	20 -	197
21 -	196	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	197	30 -	0
31 -	0	32 -	0	33 -	262	34 -	393	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	622	16 -	2310	17 -	623	18 -	622	19 -	622	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	1638	34 -	2458	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	323	16 -	324	17 -	1198	18 -	324	19 -	323	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	902	34 -	1354	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	177	16 -	0	17 -	177	18 -	663	19 -	177	20 -	0
21 -	0	22 -	0	23 -	177	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	383	34 -	575	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	60	16 -	0	17 -	61	18 -	108	19 -	181	20 -	0
21 -	0	22 -	0	23 -	0	24 -	60	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	80	34 -	121	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	85	15 -	321	16 -	0	17 -	0	18 -	0	19 -	0	20 -	85
21 -	85	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	85	30 -	0
31 -	0	32 -	0	33 -	114	34 -	170	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	217	16 -	0	17 -	0	18 -	0	19 -	0	20 -	89
21 -	188	22 -	89	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	89	30 -	0
31 -	0	32 -	0	33 -	564	34 -	846	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	86	22 -	140	23 -	0	24 -	0	25 -	0	26 -	0	27 -	261	28 -	86	29 -	86	30 -	0
31 -	0	32 -	0	33 -	358	34 -	538	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	564	19 -	149	20 -	0
21 -	0	22 -	0	23 -	150	24 -	149	25 -	150	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	239	34 -	359	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	82	19 -	82	20 -	0
21 -	0	22 -	0	23 -	81	24 -	220	25 -	82	26 -	0	27 -	89	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	109	34 -	164	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	683	18 -	12	19 -	0	20 -	0
21 -	0	22 -	0	23 -	251	24 -	250	25 -	251	26 -	250	27 -	251	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	336	34 -	505	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	9	23 -	0	24 -	9	25 -	9	26 -	9	27 -	34	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	12	34 -	18	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	25	23 -	0	24 -	0	25 -	0	26 -	26	27 -	96	28 -	26	29 -	25	30 -	0
31 -	0	32 -	0	33 -	34	34 -	51	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	14	22 -	15	23 -	0	24 -	0	25 -	0	26 -	0	27 -	54	28 -	15	29 -	14	30 -	0
31 -	0	32 -	0	33 -	19	34 -	29	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	15	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	15
21 -	15	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	42	28 -	15	29 -	15	30 -	0
31 -	0	32 -	0	33 -	20	34 -	30	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

FILE NAME : FTMALT.TRP Zone to Zone Vehicle Movements
COMBINED - FTMALP, FTMALF, FTMALH, FTMALO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	117	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	371	33 -	395	34 -	273	35 -	272	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	454	44 -	455	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	89	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	204	33 -	216	34 -	204	35 -	212	36 -	0	37 -	0	38 -	0	39 -	0	40 -	26
41 -	0	42 -	0	43 -	419	44 -	419	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	48	33 -	73	34 -	48	35 -	49	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	130	44 -	131	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	42	33 -	59	34 -	42	35 -	42	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	113	44 -	48	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	28	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	63	33 -	62	34 -	63	35 -	62	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	141	44 -	140	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	43	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	102	32 -	101	33 -	101	34 -	0	35 -	101	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	210	44 -	210	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	31	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	75	33 -	76	34 -	75	35 -	76	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	143	44 -	143	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	273	33 -	382	34 -	273	35 -	272	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	503	44 -	502	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	329	33 -	463	34 -	329	35 -	329	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	614	44 -	615	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	296	35 -	297	36 -	416	37 -	0	38 -	0	39 -	296	40 -	0
41 -	0	42 -	0	43 -	761	44 -	326	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	73	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	180	32 -	180	33 -	0	34 -	0	35 -	0	36 -	0	37 -	180	38 -	179	39 -	0	40 -	0
41 -	0	42 -	0	43 -	333	44 -	333	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	68	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	163	32 -	162	33 -	0	34 -	0	35 -	0	36 -	0	37 -	163	38 -	162	39 -	0	40 -	0
41 -	0	42 -	0	43 -	321	44 -	321	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	70
31 -	0	32 -	165	33 -	165	34 -	0	35 -	166	36 -	165	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	333	44 -	333	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	154	32 -	155	33 -	0	34 -	0	35 -	0	36 -	0	37 -	218	38 -	155	39 -	0	40 -	0
41 -	0	42 -	0	43 -	294	44 -	295	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	97	33 -	97	34 -	0	35 -	0	36 -	0	37 -	138	38 -	98	39 -	0	40 -	0
41 -	0	42 -	0	43 -	193	44 -	192	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	353	27 -	0	28 -	0	29 -	0	30 -	0
31 -	164	32 -	165	33 -	164	34 -	0	35 -	0	36 -	0	37 -	164	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	118	44 -	118	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	17	27 -	0	28 -	0	29 -	0	30 -	0
31 -	9	32 -	8	33 -	9	34 -	0	35 -	0	36 -	0	37 -	8	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	16	44 -	15	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	40	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	19	33 -	20	34 -	0	35 -	19	36 -	0	37 -	20	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	24	44 -	25	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	25	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	13	33 -	12	34 -	13	35 -	12	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	20	44 -	20	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	79	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	126	33 -	320	34 -	126	35 -	126	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	80	44 -	81	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	17	34 -	18	35 -	17	36 -	51	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	43	44 -	18	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	16	35 -	16	36 -	47	37 -	0	38 -	0	39 -	16	40 -	0
41 -	0	42 -	0	43 -	59	44 -	25	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	123	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	57	33 -	57	34 -	0	35 -	57	36 -	0	37 -	57	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	39	44 -	38	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	44	34 -	44	35 -	44	36 -	138	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	45	44 -	19	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	8	33 -	9	34 -	0	35 -	0	36 -	0	37 -	24	38 -	9	39 -	0	40 -	0
41 -	0	42 -	0	43 -	22	44 -	24	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	106	27 -	0	28 -	0	29 -	0	30 -	0
31 -	50	32 -	49	33 -	50	34 -	0	35 -	0	36 -	0	37 -	49	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	40	44 -	40	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	19	33 -	19	34 -	19	35 -	18	36 -	36	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	34	44 -	34	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	11	35 -	11	36 -	33	37 -	0	38 -	0	39 -	11	40 -	0
41 -	0	42 -	0	43 -	29	44 -	11	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	51	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	24	33 -	25	34 -	24	35 -	24	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	27	44 -	26	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	100
31 -	0	32 -	46	33 -	47	34 -	47	35 -	47	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	49	44 -	20	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	245	27 -	0	28 -	0	29 -	0	30 -	0
31 -	91	32 -	90	33 -	91	34 -	0	35 -	0	36 -	0	37 -	90	38 -	91	39 -	0	40 -	0
41 -	0	42 -	0	43 -	71	44 -	73	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	46	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	18	33 -	18	34 -	0	35 -	17	36 -	18	37 -	18	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	31	44 -	30	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	98	33 -	97	34 -	98	35 -	97	36 -	0	37 -	358	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	101	44 -	103	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	26	33 -	26	34 -	27	35 -	26	36 -	94	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	55	44 -	24	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	72	34 -	72	35 -	73	36 -	263	37 -	0	38 -	0	39 -	72	40 -	0
41 -	0	42 -	0	43 -	115	44 -	50	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	22	34 -	23	35 -	22	36 -	83	37 -	0	38 -	0	39 -	22	40 -	0
41 -	0	42 -	0	43 -	23	44 -	10	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	9	33 -	9	34 -	0	35 -	0	36 -	0	37 -	33	38 -	9	39 -	0	40 -	9
41 -	0	42 -	0	43 -	24	44 -	25	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	23	37 -	83	38 -	23	39 -	22	40 -	23
41 -	0	42 -	0	43 -	17	44 -	18	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	22	36 -	22	37 -	0	38 -	0	39 -	23	40 -	22
41 -	102	42 -	0	43 -	11	44 -	4	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	105	37 -	0	38 -	106	39 -	105	40 -	106
41 -	485	42 -	22	43 -	21	44 -	21	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	20	37 -	0	38 -	20	39 -	20	40 -	20
41 -	20	42 -	9	43 -	8	44 -	8	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FILE NAME : FTMBHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTMBHP, FTMBHF, FTMBHE, FTMBHO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	126	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	301	33 -	336	34 -	204	35 -	204	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	675	44 -	674	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	98	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	156	33 -	159	34 -	156	35 -	164	36 -	0	37 -	0	38 -	0	39 -	0	40 -	26
41 -	0	42 -	0	43 -	607	44 -	607	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	41	33 -	71	34 -	41	35 -	42	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	195	44 -	195	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	30	33 -	48	34 -	30	35 -	31	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	156	44 -	66	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	31	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	49	33 -	48	34 -	49	35 -	49	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	201	44 -	201	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	46	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	76	32 -	76	33 -	75	34 -	0	35 -	76	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	294	44 -	294	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	32	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	54	33 -	54	34 -	54	35 -	54	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	195	44 -	195	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	193	33 -	305	34 -	193	35 -	192	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	677	44 -	677	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	234	33 -	372	34 -	234	35 -	234	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	830	44 -	830	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	209	35 -	209	36 -	331	37 -	0	38 -	0	39 -	209	40 -	0
41 -	0	42 -	0	43 -	1022	44 -	438	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	74	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	128	32 -	127	33 -	0	34 -	0	35 -	0	36 -	0	37 -	128	38 -	127	39 -	0	40 -	0
41 -	0	42 -	0	43 -	450	44 -	448	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	71	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	118	32 -	119	33 -	0	34 -	0	35 -	0	36 -	0	37 -	119	38 -	119	39 -	0	40 -	0
41 -	0	42 -	0	43 -	441	44 -	442	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	75
31 -	0	32 -	122	33 -	122	34 -	0	35 -	122	36 -	122	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	462	44 -	461	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	111	32 -	111	33 -	0	34 -	0	35 -	0	36 -	0	37 -	177	38 -	111	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	401	44 -	401	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	71	33 -	71	34 -	0	35 -	0	36 -	0	37 -	114	38 -	72	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	265	44 -	265	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	447	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	556	32 -	557	33 -	556	34 -	0	35 -	0	36 -	0	37 -	557	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	933	44 -	932	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	170	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	212	32 -	211	33 -	212	34 -	0	35 -	0	36 -	0	37 -	212	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	354	44 -	355	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	316	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	394	33 -	395	34 -	0	35 -	394	36 -	0	37 -	395	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	651	44 -	651	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	205	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	255	33 -	255	34 -	256	35 -	255	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	427	44 -	426	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	138	33 -	251	34 -	139	35 -	139	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	238	44 -	240	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	81	34 -	80	35 -	81	36 -	145	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	224	44 -	95	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	45	35 -	44	36 -	82	37 -	0	38 -	0	39 -	45	40 -	0
41 -	0	42 -	0	43 -	167	44 -	71	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	166	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	207	33 -	207	34 -	0	35 -	207	36 -	0	37 -	206	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	342	44 -	342	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	78	34 -	79	35 -	78	36 -	142	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	192	44 -	82	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	248	33 -	249	34 -	0	35 -	0	36 -	0	37 -	447	38 -	248	39 -	0	40 -	0
41 -	0	42 -	0	43 -	423	44 -	423	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	134	27 -	0	28 -	0	29 -	0	30 -	0
31 -	46	32 -	45	33 -	46	34 -	0	35 -	0	36 -	0	37 -	45	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	62	44 -	60	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	20	33 -	19	34 -	19	35 -	19	36 -	48	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	56	44 -	56	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	11	35 -	11	36 -	37	37 -	0	38 -	0	39 -	11	40 -	0

41 -	0	42 -	0	43 -	45	44 -	19	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	33	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	23	33 -	56	34 -	23	35 -	24	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	41	44 -	42	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	121		
31 -	0	32 -	41	33 -	40	34 -	41	35 -	40	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	73	44 -	30	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	147	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	75	32 -	76	33 -	75	34 -	0	35 -	0	36 -	0	37 -	216	38 -	75	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	100	44 -	100	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	17	33 -	55	34 -	0	35 -	18	36 -	36	37 -	17	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	48	44 -	48	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	88	33 -	88	34 -	88	35 -	88	36 -	0	37 -	412	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	155	44 -	155	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	25	33 -	25	34 -	26	35 -	25	36 -	112	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	89	44 -	37	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	0	33 -	69	34 -	70	35 -	69	36 -	323	37 -	0	38 -	0	39 -	69	40 -	0		
41 -	0	42 -	0	43 -	183	44 -	78	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	19	34 -	18	35 -	19	36 -	89	37 -	0	38 -	0	39 -	19	40 -	0
41 -	0	42 -	0	43 -	31	44 -	14	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	12	33 -	12	34 -	0	35 -	0	36 -	0	37 -	51	38 -	12	39 -	0	40 -	12
41 -	0	42 -	0	43 -	42	44 -	43	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	19	37 -	92	38 -	19	39 -	19	40 -	19
41 -	0	42 -	0	43 -	25	44 -	25	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	22	36 -	23	37 -	0	38 -	0	39 -	22	40 -	23
41 -	103	42 -	0	43 -	14	44 -	5	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	106	37 -	0	38 -	106	39 -	106	40 -	106
41 -	488	42 -	24	43 -	26	44 -	25	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	21	37 -	0	38 -	20	39 -	21	40 -	20
41 -	93	42 -	11	43 -	13	44 -	12	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FILE NAME : FTMCHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTMCHP, FTMCHF, FTMCHH, FTMCHO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	126	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	302	33 -	336	34 -	204	35 -	203	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	675	44 -	674	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	98	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	156	33 -	159	34 -	156	35 -	164	36 -	0	37 -	0	38 -	0	39 -	0	40 -	26		
41 -	0	42 -	0	43 -	607	44 -	607	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		
31 -	0	32 -	41	33 -	71	34 -	41	35 -	41	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0		
41 -	0	42 -	0	43 -	195	44 -	195	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0		

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0		
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0		
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0		

31 -	0	32 -	30	33 -	48	34 -	31	35 -	30	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	156	44 -	66	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	31	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	49	33 -	49	34 -	49	35 -	48	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	201	44 -	201	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	46	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	76	32 -	76	33 -	75	34 -	0	35 -	76	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	294	44 -	294	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	32	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	54	33 -	54	34 -	54	35 -	54	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	195	44 -	195	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	192	33 -	305	34 -	193	35 -	193	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	677	44 -	677	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	234	33 -	372	34 -	234	35 -	234	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	830	44 -	830	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	209	35 -	209	36 -	330	37 -	0	38 -	0	39 -	210	40 -	0
41 -	0	42 -	0	43 -	1022	44 -	438	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	74	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	128	32 -	127	33 -	0	34 -	0	35 -	0	36 -	0	37 -	128	38 -	127	39 -	0	40 -	0
41 -	0	42 -	0	43 -	450	44 -	448	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	71	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	118	32 -	119	33 -	0	34 -	0	35 -	0	36 -	0	37 -	119	38 -	119	39 -	0	40 -	0
41 -	0	42 -	0	43 -	441	44 -	442	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	75
31 -	0	32 -	122	33 -	122	34 -	0	35 -	122	36 -	122	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	462	44 -	461	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	111	32 -	111	33 -	0	34 -	0	35 -	0	36 -	0	37 -	177	38 -	111	39 -	0	40 -	0
41 -	0	42 -	0	43 -	401	44 -	401	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	72	33 -	71	34 -	0	35 -	0	36 -	0	37 -	114	38 -	71	39 -	0	40 -	0
41 -	0	42 -	0	43 -	264	44 -	266	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	447	27 -	0	28 -	0	29 -	0	30 -	0
31 -	392	32 -	391	33 -	392	34 -	0	35 -	0	36 -	0	37 -	392	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	1263	44 -	1261	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	170	27 -	0	28 -	0	29 -	0	30 -	0
31 -	149	32 -	149	33 -	149	34 -	0	35 -	0	36 -	0	37 -	149	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	479	44 -	481	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	316	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	277	33 -	278	34 -	0	35 -	277	36 -	0	37 -	277	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	886	44 -	885	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	205	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0

31 -	0	32 -	180	33 -	179	34 -	180	35 -	179	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	578	44 -	578	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	98	33 -	210	34 -	98	35 -	98	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	320	44 -	321	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	57	34 -	58	35 -	58	36 -	123	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	288	44 -	122	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	34	35 -	34	36 -	70	37 -	0	38 -	0	39 -	34	40 -	0
41 -	0	42 -	0	43 -	197	44 -	85	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	166	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	145	33 -	145	34 -	0	35 -	145	36 -	0	37 -	146	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	465	44 -	465	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	56	34 -	55	35 -	56	36 -	118	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	256	44 -	110	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	175	33 -	175	34 -	0	35 -	0	36 -	0	37 -	374	38 -	175	39 -	0	40 -	0
41 -	0	42 -	0	43 -	569	44 -	570	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	33	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	278	27 -	0	28 -	0	29 -	0	30 -	0
31 -	273	32 -	272	33 -	273	34 -	0	35 -	0	36 -	0	37 -	272	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	870	44 -	869	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	88	33 -	89	34 -	88	35 -	88	36 -	100	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	303	44 -	304	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	13	35 -	14	36 -	27	37 -	0	38 -	0	39 -	13	40 -	0
41 -	0	42 -	0	43 -	78	44 -	34	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	158	33 -	228	34 -	158	35 -	158	36 -	0	37 -	109	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	509	44 -	510	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	153
31 -	0	32 -	134	33 -	134	34 -	134	35 -	134	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	605	44 -	259	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	59	32 -	60	33 -	59	34 -	0	35 -	0	36 -	0	37 -	349	38 -	59	39 -	0	40 -	0
41 -	0	42 -	0	43 -	142	44 -	141	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	66
31 -	0	32 -	16	33 -	16	34 -	0	35 -	16	36 -	16	37 -	16	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	59	44 -	60	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	80	33 -	80	34 -	81	35 -	80	36 -	0	37 -	455	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	223	44 -	221	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0

31 -	0	32 -	24	33 -	24	34 -	25	35 -	24	36 -	129	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	116	44 -	49	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	65
31 -	0	32 -	0	33 -	72	34 -	72	35 -	72	36 -	343	37 -	0	38 -	0	39 -	72	40 -	0
41 -	0	42 -	0	43 -	282	44 -	120	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	15	34 -	15	35 -	14	36 -	87	37 -	0	38 -	0	39 -	15	40 -	0
41 -	0	42 -	0	43 -	47	44 -	20	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	17	33 -	17	34 -	0	35 -	0	36 -	0	37 -	91	38 -	17	39 -	0	40 -	17
41 -	0	42 -	0	43 -	62	44 -	62	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	16	37 -	92	38 -	16	39 -	15	40 -	16
41 -	0	42 -	0	43 -	37	44 -	37	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	16	36 -	17	37 -	0	38 -	0	39 -	16	40 -	17
41 -	97	42 -	0	43 -	35	44 -	14	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	78	37 -	0	38 -	78	39 -	77	40 -	78
41 -	462	42 -	73	43 -	72	44 -	73	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	16	37 -	0	38 -	16	39 -	15	40 -	16
41 -	90	42 -	21	43 -	21	44 -	21	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FILE NAME : FTMDHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTMDHP, FTMDHF, FTMDHH, FTMDHO

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	126	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	302	33 -	336	34 -	204	35 -	203	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	675	44 -	674	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	98	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	156	33 -	159	34 -	156	35 -	164	36 -	0	37 -	0	38 -	0	39 -	0	40 -	26
41 -	0	42 -	0	43 -	607	44 -	607	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	41	33 -	70	34 -	41	35 -	42	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	195	44 -	195	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	30	33 -	48	34 -	31	35 -	30	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	156	44 -	66	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	31	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	48	33 -	49	34 -	49	35 -	49	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	201	44 -	201	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	46	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	76	32 -	75	33 -	76	34 -	0	35 -	76	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	294	44 -	294	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	32	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	54	33 -	54	34 -	54	35 -	54	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	195	44 -	195	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	193	33 -	305	34 -	192	35 -	193	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	677	44 -	677	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	235	33 -	371	34 -	234	35 -	234	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	830	44 -	830	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

```
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 -   0   27 -   0   28 -   0   29 -   0   30 -   0
31 -   0   32 -   0   33 -    0   34 -  209   35 - 210   36 - 330   37 -   0   38 -   0   39 - 209   40 -   0
41 -   0   42 -   0   43 - 1022   44 -  438   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 11

```
 1 -   0    2 -   0    3 -    0    4 -    0    5 -   0    6 -   0    7 -   0    8 -   0    9 -   0   10 -   0
11 -   0   12 -   0   13 -    0   14 -    0   15 -   0   16 -   0   17 -   0   18 -  74   19 -   0   20 -   0
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 -   0   27 -   0   28 -   0   29 -   0   30 -   0
31 - 127   32 - 128   33 -    0   34 -    0   35 -   0   36 -   0   37 - 127   38 - 128   39 -   0   40 -   0
41 -   0   42 -   0   43 -  449   44 -  449   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 12

```
 1 -   0    2 -   0    3 -    0    4 -    0    5 -   0    6 -   0    7 -   0    8 -   0    9 -   0   10 -   0
11 -   0   12 -   0   13 -    0   14 -    0   15 -   0   16 -   0   17 -   0   18 -  71   19 -   0   20 -   0
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 -   0   27 -   0   28 -   0   29 -   0   30 -   0
31 - 119   32 - 119   33 -    0   34 -    0   35 -   0   36 -   0   37 - 118   38 - 119   39 -   0   40 -   0
41 -   0   42 -   0   43 -  441   44 -  442   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 13

```
 1 -   0    2 -   0    3 -    0    4 -    0    5 -   0    6 -   0    7 -   0    8 -   0    9 -   0   10 -   0
11 -   0   12 -   0   13 -    0   14 -    0   15 -   0   16 -   0   17 -   0   18 -   0   19 -   0   20 -   0
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 -   0   27 -   0   28 -   0   29 -   0   30 -  75
31 -   0   32 - 122   33 -  122   34 -    0   35 - 122   36 - 122   37 -   0   38 -   0   39 -   0   40 -   0
41 -   0   42 -   0   43 -  462   44 -  461   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 14

```
 1 -   0    2 -   0    3 -    0    4 -    0    5 -   0    6 -   0    7 -   0    8 -   0    9 -   0   10 -   0
11 -   0   12 -   0   13 -    0   14 -    0   15 -   0   16 -   0   17 -   0   18 -   0   19 -   0   20 -   0
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 -   0   27 -   0   28 -   0   29 -   0   30 -   0
31 - 111   32 - 111   33 -    0   34 -    0   35 -   0   36 -   0   37 - 177   38 - 111   39 -   0   40 -   0
41 -   0   42 -   0   43 -  401   44 -  401   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 15

```
 1 -   0    2 -   0    3 -    0    4 -    0    5 -   0    6 -   0    7 -   0    8 -   0    9 -   0   10 -   0
11 -   0   12 -   0   13 -    0   14 -    0   15 -   0   16 -   0   17 -   0   18 -   0   19 -   0   20 -   0
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 -   0   27 -   0   28 -   0   29 -   0   30 -   0
31 -   0   32 -  71   33 -   71   34 -    0   35 -   0   36 -   0   37 - 114   38 -  72   39 -   0   40 -   0
41 -   0   42 -   0   43 -  265   44 -  265   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 16

```
 1 -   0    2 -   0    3 -    0    4 -    0    5 -   0    6 -   0    7 -   0    8 -   0    9 -   0   10 -   0
11 -   0   12 -   0   13 -    0   14 -    0   15 -   0   16 -   0   17 -   0   18 -   0   19 -   0   20 -   0
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 - 447   27 -   0   28 -   0   29 -   0   30 -   0
31 - 392   32 - 391   33 -  392   34 -    0   35 -   0   36 -   0   37 - 392   38 -   0   39 -   0   40 -   0
41 -   0   42 -   0   43 - 1262   44 - 1262   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 17

```
 1 -   0    2 -   0    3 -    0    4 -    0    5 -   0    6 -   0    7 -   0    8 -   0    9 -   0   10 -   0
11 -   0   12 -   0   13 -    0   14 -    0   15 -   0   16 -   0   17 -   0   18 -   0   19 -   0   20 -   0
21 -   0   22 -   0   23 -    0   24 -    0   25 -   0   26 - 170   27 -   0   28 -   0   29 -   0   30 -   0
31 - 149   32 - 149   33 -  149   34 -    0   35 -   0   36 -   0   37 - 149   38 -   0   39 -   0   40 -   0
41 -   0   42 -   0   43 -  480   44 -  480   45 -   0   46 -   0   47 -   0   48 -   0   49 -   0   50 -   0
```

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	316	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	278	33 -	277	34 -	0	35 -	277	36 -	0	37 -	277	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	885	44 -	886	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	205	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	179	33 -	180	34 -	179	35 -	180	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	578	44 -	578	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	98	33 -	210	34 -	98	35 -	98	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	321	44 -	320	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	58	34 -	58	35 -	58	36 -	122	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	288	44 -	122	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	33	35 -	34	36 -	71	37 -	0	38 -	0	39 -	34	40 -	0
41 -	0	42 -	0	43 -	197	44 -	85	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	166	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	145	33 -	146	34 -	0	35 -	145	36 -	0	37 -	145	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	465	44 -	465	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	56	34 -	55	35 -	56	36 -	118	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	256	44 -	110	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	175	33 -	175	34 -	0	35 -	0	36 -	0	37 -	374	38 -	175	39 -	0	40 -	0
41 -	0	42 -	0	43 -	570	44 -	569	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	33	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	278	27 -	0	28 -	0	29 -	0	30 -	0
31 -	272	32 -	273	33 -	272	34 -	0	35 -	0	36 -	0	37 -	273	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	870	44 -	869	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	88	33 -	88	34 -	89	35 -	88	36 -	100	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	303	44 -	304	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	13	35 -	13	36 -	14	37 -	0	38 -	0	39 -	13	40 -	0
41 -	14	42 -	0	43 -	78	44 -	34	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	158	33 -	229	34 -	157	35 -	158	36 -	0	37 -	109	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	510	44 -	509	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	153
31 -	0	32 -	134	33 -	134	34 -	134	35 -	134	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	605	44 -	259	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	3	27 -	0	28 -	0	29 -	0	30 -	0
31 -	61	32 -	62	33 -	61	34 -	0	35 -	0	36 -	0	37 -	358	38 -	61	39 -	0	40 -	0
41 -	0	42 -	0	43 -	146	44 -	146	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	111
31 -	0	32 -	25	33 -	25	34 -	0	35 -	25	36 -	25	37 -	25	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	79	44 -	79	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	20
31 -	0	32 -	131	33 -	131	34 -	132	35 -	131	36 -	0	37 -	741	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	332	44 -	330	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	42	33 -	43	34 -	42	35 -	43	36 -	238	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	170	44 -	73	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	155	34 -	155	35 -	156	36 -	907	37 -	0	38 -	0	39 -	155	40 -	0
41 -	0	42 -	0	43 -	532	44 -	227	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	16	34 -	16	35 -	17	36 -	59	37 -	36	38 -	0	39 -	16	40 -	0
41 -	0	42 -	0	43 -	51	44 -	22	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	52	33 -	52	34 -	0	35 -	0	36 -	0	37 -	301	38 -	52	39 -	0	40 -	52
41 -	0	42 -	0	43 -	137	44 -	137	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	19	37 -	114	38 -	20	39 -	19	40 -	19
41 -	0	42 -	0	43 -	46	44 -	44	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	18	36 -	17	37 -	0	38 -	0	39 -	18	40 -	17
41 -	105	42 -	0	43 -	37	44 -	15	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0

21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	85	37 -	0	38 -	84	39 -	85	40 -	84
41 -	503	42 -	77	43 -	79	44 -	79	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	22	37 -	0	38 -	23	39 -	22	40 -	23
41 -	129	42 -	26	43 -	27	44 -	27	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0

FILE NAME : FTPALT.TRP Zone to Zone Vehicle Movements
COMBINED - FTPALF, FTPALP, FTPALO, FTPALH

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	388	22 -	388	23 -	388	24 -	685	25 -	758	26 -	388	27 -	569	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	961	55 -	1200	56 -	240	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	476	22 -	0	23 -	0	24 -	0	25 -	0	26 -	476	27 -	945	28 -	842	29 -	476	30 -	684
31 -	476	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1197	55 -	1496	56 -	299	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	300	22 -	0	23 -	0	24 -	0	25 -	0	26 -	246	27 -	247	28 -	371	29 -	246	30 -	592
31 -	246	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	528	55 -	661	56 -	132	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	198	29 -	199	30 -	623
31 -	199	32 -	198	33 -	199	34 -	198	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	437	55 -	548	56 -	110	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	219
31 -	219	32 -	384	33 -	529	34 -	219	35 -	219	36 -	219	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	522	55 -	653	56 -	0	57 -	0	58 -	131	59 -	0	60 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	435	33 -	1052	34 -	435	35 -	767	36 -	435	37 -	434	38 -	435	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1072	55 -	1340	56 -	0	57 -	0	58 -	268	59 -	0	60 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	145	36 -	144	37 -	145	38 -	254	39 -	145	40 -	144
41 -	145	42 -	205	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	351	55 -	440	56 -	0	57 -	0	58 -	88	59 -	0	60 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	72	36 -	71	37 -	72	38 -	121	39 -	72	40 -	71
41 -	172	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	146	55 -	184	56 -	0	57 -	0	58 -	37	59 -	0	60 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	139	39 -	138	40 -	139
41 -	244	42 -	336	43 -	138	44 -	139	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	343	55 -	429	56 -	0	57 -	0	58 -	86	59 -	0	60 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	94	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	737	42 -	488	43 -	359	44 -	358	45 -	452	46 -	451	47 -	359	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	916	55 -	1146	56 -	0	57 -	0	58 -	229	59 -	0	60 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	754	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	534	44 -	534	45 -	534	46 -	931	47 -	534	48 -	534	49 -	534	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1222	55 -	1526	56 -	0	57 -	0	58 -	305	59 -	0	60 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	918	22 -	614	23 -	613	24 -	755	25 -	613	26 -	614	27 -	613	28 -	0	29 -	0	30 -	149
31 -	388	32 -	0	33 -	327	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1328	55 -	1660	56 -	332	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	387	22 -	387	23 -	387	24 -	658	25 -	386	26 -	387	27 -	387	28 -	0	29 -	0	30 -	159
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	924	55 -	1156	56 -	231	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	11	39 -	12	40 -	11
41 -	56	42 -	11	43 -	12	44 -	11	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	11	55 -	12	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	11	33 -	11	34 -	12	35 -	38	36 -	28	37 -	11	38 -	11	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	10	55 -	10	56 -	0	57 -	0	58 -	2	59 -	0	60 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	10
31 -	10	32 -	9	33 -	10	34 -	9	35 -	10	36 -	47	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	9	55 -	9	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	25	29 -	25	30 -	122
31 -	25	32 -	26	33 -	25	34 -	25	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	21	55 -	22	56 -	5	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	45	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	12	44 -	12	45 -	11	46 -	12	47 -	11	48 -	12	49 -	12	50 -	0
51 -	0	52 -	0	53 -	0	54 -	10	55 -	11	56 -	0	57 -	0	58 -	2	59 -	0	60 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	10	42 -	10	43 -	9	44 -	10	45 -	9	46 -	47	47 -	10	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	7	55 -	10	56 -	0	57 -	0	58 -	2	59 -	0	60 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	8	42 -	8	43 -	9	44 -	8	45 -	40	46 -	8	47 -	8	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	6	55 -	7	56 -	0	57 -	0	58 -	2	59 -	0	60 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	16	22 -	16	23 -	16	24 -	77	25 -	16	26 -	16	27 -	16	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	13	55 -	14	56 -	3	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	2	22 -	2	23 -	2	24 -	9	25 -	2	26 -	2	27 -	2	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1	55 -	2	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	2	22 -	2	23 -	1	24 -	8	25 -	1	26 -	2	27 -	2	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1	55 -	1	56 -	1	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	9	22 -	9	23 -	9	24 -	43	25 -	9	26 -	9	27 -	9	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	7	55 -	8	56 -	2	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	11	22 -	11	23 -	12	24 -	11	25 -	12	26 -	11	27 -	54	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	9	55 -	10	56 -	2	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	33	22 -	0	23 -	0	24 -	33	25 -	32	26 -	33	27 -	157	28 -	33	29 -	33	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	26	55 -	30	56 -	6	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	37	22 -	0	23 -	0	24 -	0	25 -	37	26 -	36	27 -	177	28 -	36	29 -	37	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	37	53 -	0	54 -	35	55 -	35	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	115	22 -	0	23 -	0	24 -	0	25 -	0	26 -	115	27 -	114	28 -	115	29 -	1144	30 -	115
31 -	553	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	87	55 -	110	56 -	22	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	122	27 -	590	28 -	122	29 -	123	30 -	122
31 -	123	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	122	52 -	0	53 -	0	54 -	95	55 -	115	56 -	23	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	32	29 -	32	30 -	156
31 -	32	32 -	33	33 -	32	34 -	32	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	25	55 -	31	56 -	6	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	77	29 -	77	30 -	77
31 -	372	32 -	0	33 -	77	34 -	77	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	77	52 -	0	53 -	0	54 -	60	55 -	74	56 -	15	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	154
31 -	37	32 -	61	33 -	38	34 -	37	35 -	37	36 -	37	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	28	55 -	35	56 -	0	57 -	0	58 -	7	59 -	0	60 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	364
31 -	75	32 -	0	33 -	76	34 -	75	35 -	0	36 -	76	37 -	75	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	76	52 -	0	53 -	0	54 -	58	55 -	72	56 -	0	57 -	0	58 -	14	59 -	0	60 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	519	32 -	0	33 -	174	34 -	442	35 -	0	36 -	174	37 -	173	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	174
51 -	220	52 -	0	53 -	0	54 -	133	55 -	165	56 -	0	57 -	0	58 -	33	59 -	0	60 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	18	33 -	19	34 -	18	35 -	19	36 -	88	37 -	19	38 -	18	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	14	55 -	17	56 -	0	57 -	0	58 -	4	59 -	0	60 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	191	34 -	191	35 -	0	36 -	921	37 -	192	38 -	0	39 -	191	40 -	191
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	191
51 -	0	52 -	0	53 -	0	54 -	146	55 -	184	56 -	0	57 -	0	58 -	37	59 -	0	60 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	563	28 -	0	29 -	0	30 -	590
31 -	0	32 -	0	33 -	349	34 -	349	35 -	0	36 -	350	37 -	529	38 -	0	39 -	350	40 -	349
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	349
51 -	0	52 -	0	53 -	0	54 -	269	55 -	335	56 -	0	57 -	0	58 -	67	59 -	0	60 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	28	36 -	55	37 -	28	38 -	108	39 -	28	40 -	28
41 -	28	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	22	55 -	26	56 -	0	57 -	0	58 -	5	59 -	0	60 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	382	37 -	383	38 -	0	39 -	1460	40 -	765
41 -	0	42 -	382	43 -	383	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	382	50 -	0
51 -	0	52 -	0	53 -	0	54 -	292	55 -	366	56 -	0	57 -	0	58 -	73	59 -	0	60 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	-0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	36	37 -	36	38 -	0	39 -	36	40 -	172
41 -	0	42 -	36	43 -	36	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	36	50 -	0
51 -	0	52 -	0	53 -	0	54 -	27	55 -	34	56 -	0	57 -	0	58 -	7	59 -	0	60 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	24	39 -	25	40 -	24
41 -	118	42 -	24	43 -	25	44 -	0	45 -	24	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	18	55 -	23	56 -	0	57 -	0	58 -	5	59 -	0	60 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	33	40 -	33
41 -	0	42 -	159	43 -	34	44 -	0	45 -	33	46 -	0	47 -	33	48 -	0	49 -	33	50 -	0
51 -	0	52 -	0	53 -	0	54 -	26	55 -	33	56 -	0	57 -	0	58 -	7	59 -	0	60 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	97	40 -	96
41 -	0	42 -	97	43 -	216	44 -	0	45 -	97	46 -	0	47 -	0	48 -	344	49 -	97	50 -	0
51 -	0	52 -	0	53 -	0	54 -	75	55 -	94	56 -	0	57 -	0	58 -	19	59 -	0	60 -	0

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	15	42 -	14	43 -	15	44 -	14	45 -	70	46 -	14	47 -	15	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	11	55 -	13	56 -	0	57 -	0	58 -	3	59 -	0	60 -	0

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	12	43 -	12	44 -	0	45 -	57	46 -	11	47 -	12	48 -	12	49 -	12	50 -	0
51 -	0	52 -	0	53 -	0	54 -	10	55 -	11	56 -	2	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	11	44 -	11	45 -	11	46 -	53	47 -	11	48 -	11	49 -	11	50 -	0
51 -	0	52 -	0	53 -	0	54 -	9	55 -	10	56 -	0	57 -	0	58 -	2	59 -	0	60 -	0

FROM ZONE # 47

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	29	44 -	0	45 -	138	46 -	28	47 -	29	48 -	28	49 -	29	50 -	29
51 -	0	52 -	0	53 -	0	54 -	22	55 -	29	56 -	0	57 -	0	58 -	6	59 -	0	60 -	0

FROM ZONE # 48

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	148	38 -	0	39 -	0	40 -	149
41 -	0	42 -	0	43 -	148	44 -	0	45 -	0	46 -	45	47 -	149	48 -	858	49 -	149	50 -	148
51 -	0	52 -	0	53 -	0	54 -	39	55 -	49	56 -	0	57 -	0	58 -	10	59 -	0	60 -	0

FROM ZONE # 49

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	26
41 -	0	42 -	12	43 -	6	44 -	0	45 -	0	46 -	0	47 -	7	48 -	6	49 -	7	50 -	6
51 -	0	52 -	0	53 -	6	54 -	4	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 50

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	62	35 -	0	36 -	0	37 -	62	38 -	0	39 -	0	40 -	62
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	63	50 -	257
51 -	183	52 -	0	53 -	62	54 -	17	55 -	20	56 -	0	57 -	0	58 -	4	59 -	0	60 -	0

FROM ZONE # 51

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	39	30 -	0
31 -	39	32 -	0	33 -	0	34 -	39	35 -	0	36 -	0	37 -	38	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	39
51 -	237	52 -	39	53 -	0	54 -	5	55 -	10	56 -	5	57 -	0	58 -	5	59 -	0	60 -	0

FROM ZONE # 52

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	11	26 -	0	27 -	10	28 -	0	29 -	11	30 -	0
31 -	10	32 -	0	33 -	0	34 -	11	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	64	52 -	11	53 -	0	54 -	2	55 -	2	56 -	2	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 53

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	305	49 -	306	50 -	305
51 -	306	52 -	0	53 -	1415	54 -	0	55 -	0	56 -	0	57 -	50	58 -	88	59 -	0	60 -	0

FROM ZONE # 54

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 55

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 56

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 57

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 58

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FILE NAME : FTPBHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTPBHF, FTPBHP, FTPBHO, FTPBHH

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	297	22 -	297	23 -	297	24 -	625	25 -	667	26 -	297	27 -	509	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1440	55 -	1800	56 -	360	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	367	22 -	0	23 -	0	24 -	0	25 -	0	26 -	367	27 -	1214	28 -	366	29 -	367	30 -	648
31 -	367	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1801	55 -	2249	56 -	449	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	263	22 -	0	23 -	0	24 -	0	25 -	0	26 -	178	27 -	178	28 -	279	29 -	178	30 -	531
31 -	178	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	772	55 -	963	56 -	192	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	145	29 -	145	30 -	584
31 -	145	32 -	145	33 -	145	34 -	145	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	642	55 -	803	56 -	161	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	486
31 -	269	32 -	245	33 -	165	34 -	165	35 -	165	36 -	165	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	778	55 -	972	56 -	0	57 -	0	58 -	194	59 -	0	60 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	332	33 -	984	34 -	333	35 -	516	36 -	516	37 -	332	38 -	332	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1607	55 -	2008	56 -	0	57 -	0	58 -	401	59 -	0	60 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	110	36 -	110	37 -	109	38 -	171	39 -	170	40 -	110
41 -	326	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	527	55 -	658	56 -	0	57 -	0	58 -	131	59 -	0	60 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	51	36 -	51	37 -	51	38 -	101	39 -	51	40 -	51
41 -	152	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	212	55 -	265	56 -	0	57 -	0	58 -	53	59 -	0	60 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	106	39 -	106	40 -	106
41 -	292	42 -	245	43 -	106	44 -	106	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	516	55 -	643	56 -	0	57 -	0	58 -	128	59 -	0	60 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	151	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	590	42 -	671	43 -	278	44 -	278	45 -	278	46 -	278	47 -	278	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1383	55 -	1728	56 -	0	57 -	0	58 -	345	59 -	0	60 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	236	32 -	0	33 -	546	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	396	44 -	396	45 -	396	46 -	821	47 -	396	48 -	396	49 -	396	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1804	55 -	2255	56 -	0	57 -	0	58 -	451	59 -	0	60 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	445	22 -	446	23 -	445	24 -	911	25 -	445	26 -	446	27 -	445	28 -	0	29 -	0	30 -	0
31 -	802	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1973	55 -	2466	56 -	493	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	272	22 -	272	23 -	273	24 -	546	25 -	273	26 -	272	27 -	272	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1326	55 -	1655	56 -	330	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	327	39 -	327	40 -	328
41 -	789	42 -	328	43 -	327	44 -	327	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1053	55 -	1053	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	399	33 -	399	34 -	399	35 -	398	36 -	399	37 -	399	38 -	399	39 -	0	40 -	0
41 -	561	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	967	55 -	1207	56 -	0	57 -	0	58 -	241	59 -	0	60 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	638
31 -	266	32 -	265	33 -	266	34 -	265	35 -	266	36 -	266	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	767	55 -	766	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	294	29 -	294	30 -	706
31 -	295	32 -	294	33 -	294	34 -	294	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	683	55 -	853	56 -	149	57 -	0	58 -	21	59 -	0	60 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	746	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	531	44 -	531	45 -	531	46 -	532	47 -	531	48 -	531	49 -	531	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1266	55 -	1583	56 -	0	57 -	0	58 -	316	59 -	0	60 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	272	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	278	42 -	229	43 -	228	44 -	228	45 -	228	46 -	229	47 -	228	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	574	55 -	716	56 -	0	57 -	0	58 -	142	59 -	0	60 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	8	42 -	8	43 -	8	44 -	8	45 -	8	46 -	52	47 -	8	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	10	55 -	14	56 -	0	57 -	0	58 -	3	59 -	0	60 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	91	22 -	14	23 -	14	24 -	15	25 -	14	26 -	14	27 -	14	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	20	55 -	21	56 -	5	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	3	22 -	3	23 -	2	24 -	18	25 -	2	26 -	3	27 -	3	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	4	55 -	5	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	2	22 -	3	23 -	2	24 -	16	25 -	2	26 -	3	27 -	2	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	2	55 -	3	56 -	2	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	9	22 -	9	23 -	10	24 -	59	25 -	10	26 -	9	27 -	9	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	11	55 -	16	56 -	3	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	11	22 -	10	23 -	11	24 -	68	25 -	11	26 -	10	27 -	11	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	14	55 -	17	56 -	3	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	186	22 -	0	23 -	0	24 -	29	25 -	29	26 -	28	27 -	29	28 -	29	29 -	29	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	37	55 -	45	56 -	9	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	32	22 -	0	23 -	0	24 -	0	25 -	32	26 -	32	27 -	204	28 -	32	29 -	32	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	32	53 -	0	54 -	49	55 -	50	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	97	22 -	0	23 -	0	24 -	0	25 -	0	26 -	97	27 -	97	28 -	487	29 -	97	30 -	233
31 -	97	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	122	55 -	151	56 -	30	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	102	27 -	654	28 -	102	29 -	101	30 -	102
31 -	101	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	102	52 -	0	53 -	0	54 -	127	55 -	158	56 -	32	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	30	29 -	31	30 -	195
31 -	31	32 -	30	33 -	31	34 -	30	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	40	55 -	48	56 -	9	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	69	29 -	69	30 -	69
31 -	445	32 -	0	33 -	69	34 -	69	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	69	52 -	0	53 -	0	54 -	90	55 -	111	56 -	22	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	33
31 -	107	32 -	142	33 -	34	34 -	33	35 -	34	36 -	33	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	42	55 -	52	56 -	0	57 -	0	58 -	10	59 -	0	60 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	65
31 -	420	32 -	0	33 -	66	34 -	65	35 -	0	36 -	66	37 -	65	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	65	52 -	0	53 -	0	54 -	82	55 -	101	56 -	0	57 -	0	58 -	20	59 -	0	60 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	146	32 -	0	33 -	146	34 -	415	35 -	0	36 -	145	37 -	146	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	146
51 -	671	52 -	0	53 -	0	54 -	183	55 -	227	56 -	0	57 -	0	58 -	45	59 -	0	60 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	18	33 -	18	34 -	18	35 -	118	36 -	18	37 -	18	38 -	18	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	24	55 -	28	56 -	0	57 -	0	58 -	5	59 -	0	60 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	163	34 -	163	35 -	76	36 -	912	37 -	163	38 -	0	39 -	227	40 -	163
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	163
51 -	0	52 -	0	53 -	0	54 -	206	55 -	257	56 -	0	57 -	0	58 -	51	59 -	0	60 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	1198	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	295	34 -	295	35 -	0	36 -	296	37 -	475	38 -	0	39 -	523	40 -	295
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	295
51 -	0	52 -	0	53 -	0	54 -	377	55 -	465	56 -	0	57 -	0	58 -	93	59 -	0	60 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	25	36 -	24	37 -	25	38 -	152	39 -	31	40 -	24
41 -	25	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	32	55 -	39	56 -	0	57 -	0	58 -	7	59 -	0	60 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	315	37 -	315	38 -	0	39 -	1037	40 -	855
41 -	454	42 -	315	43 -	316	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	315	50 -	0
51 -	0	52 -	0	53 -	0	54 -	394	55 -	492	56 -	0	57 -	0	58 -	98	59 -	0	60 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	31	37 -	30	38 -	0	39 -	31	40 -	31
41 -	166	42 -	30	43 -	31	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	30	50 -	0
51 -	0	52 -	0	53 -	0	54 -	39	55 -	48	56 -	0	57 -	0	58 -	9	59 -	0	60 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	24	39 -	24	40 -	24

41 -	88	42 -	91	43 -	24	44 -	0	45 -	24	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	32	55 -	38	56 -	0	57 -	0	58 -	7	59 -	0	60 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	34	40 -	34
41 -	0	42 -	216	43 -	33	44 -	0	45 -	34	46 -	0	47 -	34	48 -	0	49 -	34	50 -	0
51 -	0	52 -	0	53 -	0	54 -	46	55 -	57	56 -	0	57 -	0	58 -	11	59 -	0	60 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	88	40 -	88
41 -	0	42 -	197	43 -	208	44 -	0	45 -	332	46 -	0	47 -	0	48 -	88	49 -	88	50 -	0
51 -	0	52 -	0	53 -	0	54 -	117	55 -	143	56 -	0	57 -	0	58 -	28	59 -	0	60 -	0

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	13	42 -	13	43 -	13	44 -	13	45 -	13	46 -	84	47 -	13	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	17	55 -	20	56 -	0	57 -	0	58 -	4	59 -	0	60 -	0

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	12	43 -	12	44 -	0	45 -	78	46 -	13	47 -	12	48 -	12	49 -	12	50 -	0
51 -	0	52 -	0	53 -	0	54 -	17	55 -	20	56 -	0	57 -	0	58 -	4	59 -	0	60 -	0

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	12	44 -	12	45 -	12	46 -	179	47 -	12	48 -	12	49 -	12	50 -	0
51 -	0	52 -	0	53 -	0	54 -	16	55 -	20	56 -	0	57 -	0	58 -	3	59 -	0	60 -	0

FROM ZONE # 47

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	31	44 -	0	45 -	31	46 -	200	47 -	31	48 -	32	49 -	31	50 -	31
51 -	0	52 -	0	53 -	0	54 -	45	55 -	54	56 -	0	57 -	0	58 -	10	59 -	0	60 -	0

FROM ZONE # 48

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	160	38 -	0	39 -	0	40 -	161
41 -	0	42 -	0	43 -	160	44 -	0	45 -	0	46 -	0	47 -	161	48 -	975	49 -	161	50 -	160
51 -	0	52 -	0	53 -	0	54 -	48	55 -	58	56 -	0	57 -	0	58 -	11	59 -	0	60 -	0

FROM ZONE # 49

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	6
41 -	0	42 -	0	43 -	7	44 -	0	45 -	0	46 -	0	47 -	6	48 -	40	49 -	6	50 -	7
51 -	0	52 -	0	53 -	6	54 -	4	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 50

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	167	32 -	0	33 -	0	34 -	71	35 -	0	36 -	0	37 -	71	38 -	0	39 -	0	40 -	72
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	71	50 -	267
51 -	71	52 -	0	53 -	71	54 -	22	55 -	26	56 -	0	57 -	0	58 -	5	59 -	0	60 -	0

FROM ZONE # 51

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	41	30 -	0
31 -	41	32 -	0	33 -	0	34 -	42	35 -	0	36 -	0	37 -	41	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	42
51 -	251	52 -	41	53 -	0	54 -	7	55 -	9	56 -	7	57 -	0	58 -	7	59 -	0	60 -	0

FROM ZONE # 52

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	12	26 -	0	27 -	75	28 -	0	29 -	13	30 -	0
31 -	12	32 -	0	33 -	0	34 -	13	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	12	52 -	12	53 -	0	54 -	3	55 -	3	56 -	2	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 53

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	311	49 -	312	50 -	311
51 -	312	52 -	0	53 -	1443	54 -	0	55 -	0	56 -	0	57 -	41	58 -	100	59 -	0	60 -	0

FROM ZONE # 54

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 55

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 56

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 57

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 58

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FILE NAME : FTPCHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTPCHF, FTPCHP, FTPCHO, FTPCHH

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	328	25 -	667	26 -	297	27 -	509	28 -	297	29 -	297	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	297	52 -	297	53 -	0	54 -	1440	55 -	1800	56 -	360	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	367	26 -	367	27 -	1214	28 -	366	29 -	367	30 -	648
31 -	367	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1801	55 -	2249	56 -	449	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	85	22 -	0	23 -	0	24 -	0	25 -	178	26 -	178	27 -	178	28 -	279	29 -	178	30 -	531
31 -	178	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	772	55 -	963	56 -	192	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	145	29 -	145	30 -	584
31 -	145	32 -	145	33 -	145	34 -	145	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	642	55 -	803	56 -	161	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	486
31 -	165	32 -	245	33 -	270	34 -	165	35 -	165	36 -	165	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	778	55 -	472	56 -	0	57 -	0	58 -	194	59 -	0	60 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	652	32 -	332	33 -	332	34 -	333	35 -	516	36 -	516	37 -	332	38 -	332	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1607	55 -	2008	56 -	0	57 -	0	58 -	401	59 -	0	60 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	110	36 -	110	37 -	110	38 -	170	39 -	170	40 -	110
41 -	326	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	527	55 -	658	56 -	0	57 -	0	58 -	131	59 -	0	60 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	51	36 -	51	37 -	51	38 -	101	39 -	51	40 -	51
41 -	152	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	212	55 -	265	56 -	0	57 -	0	58 -	53	59 -	0	60 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	106	39 -	106	40 -	106

41 -	292	42 -	245	43 -	106	44 -	106	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	516	55 -	643	56 -	0	57 -	0	58 -	128	59 -	0	60 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	151	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	590	42 -	671	43 -	278	44 -	279	45 -	278	46 -	278	47 -	278	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1383	55 -	1728	56 -	0	57 -	0	58 -	345	59 -	0	60 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	782	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	396	44 -	396	45 -	396	46 -	821	47 -	396	48 -	396	49 -	396	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1804	55 -	2255	56 -	0	57 -	0	58 -	451	59 -	0	60 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	465	25 -	445	26 -	446	27 -	445	28 -	446	29 -	445	30 -	0
31 -	490	32 -	0	33 -	312	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	446	52 -	445	53 -	0	54 -	1973	55 -	2466	56 -	493	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	274	25 -	272	26 -	272	27 -	273	28 -	272	29 -	273	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	272	52 -	272	53 -	0	54 -	1326	55 -	1655	56 -	330	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	233	39 -	233	40 -	233
41 -	695	42 -	233	43 -	233	44 -	233	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1383	55 -	1383	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	282	33 -	282	34 -	281	35 -	282	36 -	281	37 -	282	38 -	282	39 -	0	40 -	0
41 -	561	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1295	55 -	1617	56 -	0	57 -	0	58 -	323	59 -	0	60 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	559
31 -	186	32 -	187	33 -	186	34 -	187	35 -	186	36 -	187	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1044	55 -	1043	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	207	29 -	207	30 -	618
31 -	207	32 -	206	33 -	207	34 -	207	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	927	55 -	1159	56 -	232	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	746	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	375	44 -	374	45 -	375	46 -	374	47 -	375	48 -	374	49 -	375	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1704	55 -	2131	56 -	0	57 -	0	58 -	426	59 -	0	60 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	272	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	202	42 -	162	43 -	162	44 -	163	45 -	162	46 -	162	47 -	162	48 -	0	49 -	0	50 -	0
51 -	10	52 -	0	53 -	0	54 -	759	55 -	948	56 -	0	57 -	0	58 -	189	59 -	0	60 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	110	42 -	110	43 -	110	44 -	109	45 -	110	46 -	327	47 -	110	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	517	55 -	647	56 -	0	57 -	0	58 -	129	59 -	0	60 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	191	22 -	0	23 -	0	24 -	0	25 -	96	26 -	96	27 -	96	28 -	97	29 -	96	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	96	52 -	96	53 -	0	54 -	450	55 -	561	56 -	111	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	174	25 -	88	26 -	88	27 -	88	28 -	88	29 -	88	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	88	52 -	88	53 -	0	54 -	512	55 -	512	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	166	25 -	83	26 -	84	27 -	83	28 -	84	29 -	83	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	84	52 -	83	53 -	0	54 -	371	55 -	463	56 -	92	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	318	25 -	160	26 -	160	27 -	159	28 -	160	29 -	159	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	160	52 -	160	53 -	0	54 -	719	55 -	898	56 -	179	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	72	25 -	10	26 -	10	27 -	11	28 -	10	29 -	11	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	10	52 -	10	53 -	0	54 -	26	55 -	32	56 -	6	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	83	22 -	0	23 -	0	24 -	0	25 -	26	26 -	26	27 -	125	28 -	26	29 -	26	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	26	52 -	26	53 -	0	54 -	64	55 -	79	56 -	15	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	28	26 -	27	27 -	221	28 -	27	29 -	28	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	27	52 -	28	53 -	0	54 -	83	55 -	83	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	80	27 -	80	28 -	472	29 -	80	30 -	251
31 -	80	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	80	52 -	0	53 -	0	54 -	195	55 -	242	56 -	48	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	81	27 -	650	28 -	82	29 -	81	30 -	82
31 -	81	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	81	52 -	0	53 -	0	54 -	197	55 -	245	56 -	49	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	30	29 -	30	30 -	183
31 -	188	32 -	30	33 -	30	34 -	30	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	75	55 -	93	56 -	18	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	63	29 -	63	30 -	64
31 -	502	32 -	0	33 -	64	34 -	63	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	63	52 -	0	53 -	0	54 -	159	55 -	196	56 -	39	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	31
31 -	135	32 -	140	33 -	30	34 -	31	35 -	30	36 -	31	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	74	55 -	92	56 -	0	57 -	0	58 -	18	59 -	0	60 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	56
31 -	448	32 -	0	33 -	56	34 -	56	35 -	0	36 -	56	37 -	56	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	56	52 -	0	53 -	0	54 -	136	55 -	168	56 -	0	57 -	0	58 -	33	59 -	0	60 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	205	32 -	0	33 -	120	34 -	388	35 -	0	36 -	120	37 -	119	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	120
51 -	604	52 -	0	53 -	0	54 -	289	55 -	360	56 -	0	57 -	0	58 -	72	59 -	0	60 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	19	33 -	19	34 -	19	35 -	152	36 -	19	37 -	19	38 -	19	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	48	55 -	58	56 -	0	57 -	0	58 -	11	59 -	0	60 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	138	34 -	138	35 -	42	36 -	885	37 -	138	38 -	0	39 -	308	40 -	138
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	138
51 -	0	52 -	0	53 -	0	54 -	336	55 -	418	56 -	0	57 -	0	58 -	83	59 -	0	60 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	604	25 -	0	26 -	0	27 -	62	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	244	34 -	245	35 -	0	36 -	244	37 -	425	38 -	10	39 -	1091	40 -	245
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	244
51 -	0	52 -	0	53 -	0	54 -	599	55 -	748	56 -	0	57 -	0	58 -	149	59 -	0	60 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	22	36 -	22	37 -	22	38 -	139	39 -	22	40 -	56
41 -	22	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	55	55 -	67	56 -	0	57 -	0	58 -	13	59 -	0	60 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	249	37 -	248	38 -	0	39 -	249	40 -	753
41 -	694	42 -	249	43 -	249	44 -	0	45 -	539	46 -	0	47 -	0	48 -	0	49 -	249	50 -	0
51 -	0	52 -	0	53 -	0	54 -	600	55 -	749	56 -	0	57 -	0	58 -	149	59 -	0	60 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	26	37 -	25	38 -	0	39 -	26	40 -	25
41 -	0	42 -	205	43 -	25	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	26	50 -	0
51 -	0	52 -	0	53 -	0	54 -	63	55 -	77	56 -	0	57 -	0	58 -	15	59 -	0	60 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	25	39 -	25	40 -	26
41 -	25	42 -	202	43 -	25	44 -	0	45 -	25	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	63	55 -	77	56 -	0	57 -	0	58 -	15	59 -	0	60 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	36	40 -	37
41 -	0	42 -	40	43 -	156	44 -	0	45 -	37	46 -	126	47 -	36	48 -	0	49 -	37	50 -	0
51 -	0	52 -	0	53 -	0	54 -	96	55 -	117	56 -	0	57 -	0	58 -	23	59 -	0	60 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	82	40 -	82
41 -	0	42 -	82	43 -	81	44 -	0	45 -	82	46 -	566	47 -	0	48 -	82	49 -	82	50 -	0
51 -	0	52 -	0	53 -	0	54 -	208	55 -	258	56 -	0	57 -	0	58 -	51	59 -	0	60 -	0

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	12	42 -	12	43 -	12	44 -	11	45 -	12	46 -	94	47 -	12	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	29	55 -	37	56 -	0	57 -	0	58 -	7	59 -	0	60 -	0

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	13	43 -	14	44 -	0	45 -	13	46 -	107	47 -	13	48 -	14	49 -	13	50 -	0
51 -	0	52 -	0	53 -	0	54 -	35	55 -	43	56 -	0	57 -	0	58 -	8	59 -	0	60 -	0

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	14	44 -	14	45 -	15	46 -	114	47 -	15	48 -	14	49 -	14	50 -	0
51 -	0	52 -	0	53 -	0	54 -	37	55 -	44	56 -	0	57 -	0	58 -	8	59 -	0	60 -	0

FROM ZONE # 47

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	37	44 -	0	45 -	37	46 -	224	47 -	37	48 -	99	49 -	37	50 -	37
51 -	0	52 -	0	53 -	0	54 -	98	55 -	120	56 -	0	57 -	0	58 -	24	59 -	0	60 -	0

FROM ZONE # 48

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	134	38 -	0	39 -	0	40 -	134
41 -	0	42 -	0	43 -	135	44 -	0	45 -	0	46 -	0	47 -	135	48 -	1030	49 -	134	50 -	172
51 -	0	52 -	0	53 -	0	54 -	200	55 -	249	56 -	0	57 -	0	58 -	49	59 -	0	60 -	0

FROM ZONE # 49

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	5

41 -	0	42 -	0	43 -	5	44 -	0	45 -	0	46 -	0	47 -	5	48 -	4	49 -	5	50 -	39
51 -	0	52 -	0	53 -	5	54 -	17	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 50

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	65	35 -	0	36 -	0	37 -	65	38 -	0	39 -	0	40 -	65
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	66	50 -	188
51 -	395	52 -	0	53 -	65	54 -	98	55 -	121	56 -	0	57 -	0	58 -	24	59 -	0	60 -	0

FROM ZONE # 51

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	34	30 -	0
31 -	34	32 -	0	33 -	0	34 -	33	35 -	0	36 -	0	37 -	34	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	34
51 -	267	52 -	34	53 -	0	54 -	31	55 -	34	56 -	31	57 -	0	58 -	30	59 -	0	60 -	0

FROM ZONE # 52

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	12	26 -	0	27 -	12	28 -	0	29 -	12	30 -	0
31 -	11	32 -	0	33 -	0	34 -	12	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	95	52 -	12	53 -	0	54 -	14	55 -	15	56 -	14	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 53

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	235	49 -	235	50 -	235
51 -	235	52 -	0	53 -	1410	54 -	0	55 -	0	56 -	0	57 -	188	58 -	400	59 -	0	60 -	0

FROM ZONE # 54

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 55

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 56

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 57

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 58

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FILE NAME : FTPDHT.TRP Zone to Zone Vehicle Movements
COMBINED - FTPDHF, FTPDHP, FTPDHO, FTPDHH

FROM ZONE # 1

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	328	25 -	667	26 -	297	27 -	509	28 -	297	29 -	297	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	297	52 -	297	53 -	0	54 -	1440	55 -	1800	56 -	360	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 2

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	367	26 -	367	27 -	1214	28 -	366	29 -	367	30 -	648
31 -	367	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1801	55 -	2249	56 -	449	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 3

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	85	22 -	0	23 -	0	24 -	0	25 -	178	26 -	178	27 -	178	28 -	277	29 -	178	30 -	531
31 -	178	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	772	55 -	963	56 -	192	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 4

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	145	29 -	145	30 -	584
31 -	145	32 -	145	33 -	145	34 -	145	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	642	55 -	803	56 -	161	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 5

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	486
31 -	165	32 -	245	33 -	270	34 -	165	35 -	165	36 -	165	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	778	55 -	972	56 -	0	57 -	0	58 -	194	59 -	0	60 -	0

FROM ZONE # 6

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	332	33 -	984	34 -	333	35 -	515	36 -	517	37 -	332	38 -	333	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1607	55 -	2008	56 -	0	57 -	0	58 -	401	59 -	0	60 -	0

FROM ZONE # 7

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	110	36 -	110	37 -	110	38 -	170	39 -	170	40 -	110
41 -	326	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	527	55 -	658	56 -	0	57 -	0	58 -	131	59 -	0	60 -	0

FROM ZONE # 8

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	51	36 -	51	37 -	51	38 -	101	39 -	51	40 -	51
41 -	152	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	212	55 -	265	56 -	0	57 -	0	58 -	53	59 -	0	60 -	0

FROM ZONE # 9

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	106	39 -	106	40 -	106
41 -	292	42 -	245	43 -	106	44 -	106	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	516	55 -	643	56 -	0	57 -	0	58 -	128	59 -	0	60 -	0

FROM ZONE # 10

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	151	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	590	42 -	671	43 -	278	44 -	279	45 -	278	46 -	278	47 -	278	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1383	55 -	1728	56 -	0	57 -	0	58 -	345	59 -	0	60 -	0

FROM ZONE # 11

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	782	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	396	44 -	396	45 -	396	46 -	821	47 -	396	48 -	396	49 -	396	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1804	55 -	2255	56 -	0	57 -	0	58 -	451	59 -	0	60 -	0

FROM ZONE # 12

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	465	25 -	445	26 -	446	27 -	445	28 -	446	29 -	445	30 -	0
31 -	209	32 -	0	33 -	593	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	446	52 -	445	53 -	0	54 -	1973	55 -	2466	56 -	493	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 13

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	274	25 -	272	26 -	272	27 -	273	28 -	272	29 -	273	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	272	52 -	272	53 -	0	54 -	1326	55 -	1655	56 -	330	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 14

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	233	39 -	233	40 -	233
41 -	695	42 -	233	43 -	233	44 -	233	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1383	55 -	1383	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 15

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	282	33 -	282	34 -	281	35 -	282	36 -	281	37 -	282	38 -	282	39 -	0	40 -	0
41 -	561	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1295	55 -	1617	56 -	0	57 -	0	58 -	323	59 -	0	60 -	0

FROM ZONE # 16

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	559
31 -	186	32 -	187	33 -	186	34 -	187	35 -	186	36 -	187	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1044	55 -	1043	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 17

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	207	29 -	207	30 -	618
31 -	207	32 -	206	33 -	207	34 -	207	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	927	55 -	1159	56 -	232	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 18

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	746	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	375	44 -	374	45 -	375	46 -	374	47 -	375	48 -	374	49 -	375	50 -	0
51 -	0	52 -	0	53 -	0	54 -	1704	55 -	2131	56 -	0	57 -	0	58 -	426	59 -	0	60 -	0

FROM ZONE # 19

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	322	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	162	42 -	162	43 -	162	44 -	163	45 -	162	46 -	162	47 -	162	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	759	55 -	948	56 -	0	57 -	0	58 -	189	59 -	0	60 -	0

FROM ZONE # 20

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	110	42 -	110	43 -	110	44 -	109	45 -	110	46 -	327	47 -	110	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	517	55 -	647	56 -	0	57 -	0	58 -	129	59 -	0	60 -	0

FROM ZONE # 21

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	191	22 -	0	23 -	0	24 -	0	25 -	96	26 -	96	27 -	96	28 -	97	29 -	96	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	96	52 -	96	53 -	0	54 -	450	55 -	561	56 -	111	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 22

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	174	25 -	88	26 -	88	27 -	88	28 -	88	29 -	88	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	88	52 -	88	53 -	0	54 -	512	55 -	512	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 23

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	166	25 -	83	26 -	84	27 -	83	28 -	84	29 -	83	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	84	52 -	83	53 -	0	54 -	371	55 -	463	56 -	92	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 24

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	318	25 -	160	26 -	160	27 -	159	28 -	160	29 -	159	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	160	52 -	160	53 -	0	54 -	719	55 -	898	56 -	179	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 25

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	294	25 -	68	26 -	68	27 -	68	28 -	68	29 -	68	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	68	52 -	68	53 -	0	54 -	179	55 -	217	56 -	43	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 26

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	121	26 -	122	27 -	648	28 -	122	29 -	121	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	122	52 -	121	53 -	0	54 -	310	55 -	385	56 -	76	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 27

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	106	26 -	106	27 -	568	28 -	107	29 -	106	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	106	52 -	106	53 -	0	54 -	333	55 -	334	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 28

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	258	25 -	0	26 -	220	27 -	221	28 -	920	29 -	221	30 -	220
31 -	221	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	220	52 -	0	53 -	0	54 -	560	55 -	698	56 -	139	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 29

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	155	27 -	832	28 -	155	29 -	156	30 -	155
31 -	156	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	155	52 -	0	53 -	0	54 -	394	55 -	491	56 -	98	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 30

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	400	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	485	28 -	204	29 -	205	30 -	204
31 -	205	32 -	204	33 -	205	34 -	204	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	530	55 -	661	56 -	132	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 31

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	667	25 -	0	26 -	0	27 -	0	28 -	318	29 -	319	30 -	1018
31 -	319	32 -	0	33 -	318	34 -	319	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	318	52 -	0	53 -	0	54 -	857	55 -	1071	56 -	214	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 32

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	158
31 -	646	32 -	357	33 -	158	34 -	157	35 -	158	36 -	158	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	393	55 -	490	56 -	0	57 -	0	58 -	97	59 -	0	60 -	0

FROM ZONE # 33

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	203
31 -	643	32 -	0	33 -	203	34 -	649	35 -	0	36 -	203	37 -	203	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	203	52 -	0	53 -	0	54 -	504	55 -	629	56 -	0	57 -	0	58 -	125	59 -	0	60 -	0

FROM ZONE # 34

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	928	32 -	0	33 -	303	34 -	304	35 -	400	36 -	603	37 -	304	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	303
51 -	304	52 -	0	53 -	0	54 -	755	55 -	942	56 -	0	57 -	0	58 -	188	59 -	0	60 -	0

FROM ZONE # 35

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	151	33 -	150	34 -	151	35 -	404	36 -	551	37 -	150	38 -	151	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	383	55 -	479	56 -	0	57 -	0	58 -	95	59 -	0	60 -	0

FROM ZONE # 36

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	435	34 -	435	35 -	0	36 -	1321	37 -	435	38 -	0	39 -	1436	40 -	435
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	435
51 -	0	52 -	0	53 -	0	54 -	1128	55 -	1409	56 -	0	57 -	0	58 -	281	59 -	0	60 -	0

FROM ZONE # 37

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	662	34 -	661	35 -	0	36 -	662	37 -	1005	38 -	450	39 -	1687	40 -	661

41 -	1025	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	662
51 -	0	52 -	0	53 -	0	54 -	1773	55 -	2215	56 -	0	57 -	0	58 -	442	59 -	0	60 -	0

FROM ZONE # 38

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	96	36 -	96	37 -	96	38 -	95	39 -	96	40 -	96
41 -	508	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	256	55 -	319	56 -	0	57 -	0	58 -	63	59 -	0	60 -	0

FROM ZONE # 39

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	374	37 -	374	38 -	0	39 -	373	40 -	1197
41 -	0	42 -	373	43 -	374	44 -	0	45 -	0	46 -	800	47 -	0	48 -	0	49 -	374	50 -	0
51 -	0	52 -	0	53 -	0	54 -	951	55 -	1188	56 -	0	57 -	0	58 -	236	59 -	0	60 -	0

FROM ZONE # 40

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	78	37 -	77	38 -	0	39 -	78	40 -	413
41 -	0	42 -	78	43 -	77	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	78	50 -	0
51 -	0	52 -	0	53 -	0	54 -	198	55 -	248	56 -	0	57 -	0	58 -	49	59 -	0	60 -	0

FROM ZONE # 41

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	200	39 -	200	40 -	201
41 -	1068	42 -	201	43 -	200	44 -	0	45 -	200	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	514	55 -	641	56 -	0	57 -	0	58 -	127	59 -	0	60 -	0

FROM ZONE # 42

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	307	40 -	307
41 -	0	42 -	920	43 -	306	44 -	0	45 -	307	46 -	700	47 -	307	48 -	0	49 -	307	50 -	0
51 -	0	52 -	0	53 -	0	54 -	842	55 -	1051	56 -	0	57 -	0	58 -	209	59 -	0	60 -	0

FROM ZONE # 43

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	446	40 -	447
41 -	0	42 -	446	43 -	697	44 -	0	45 -	1285	46 -	0	47 -	0	48 -	447	49 -	446	50 -	0
51 -	820	52 -	0	53 -	0	54 -	1229	55 -	1536	56 -	0	57 -	0	58 -	306	59 -	0	60 -	0

FROM ZONE # 44

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0

11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	59	42 -	59	43 -	59	44 -	59	45 -	59	46 -	59	47 -	59	48 -	253	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	161	55 -	200	56 -	0	57 -	0	58 -	39	59 -	0	60 -	0

FROM ZONE # 45

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	119	43 -	119	44 -	0	45 -	119	46 -	118	47 -	119	48 -	630	49 -	119	50 -	0
51 -	0	52 -	0	53 -	0	54 -	319	55 -	399	56 -	0	57 -	0	58 -	80	59 -	0	60 -	0

FROM ZONE # 46

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	146	44 -	145	45 -	146	46 -	477	47 -	146	48 -	445	49 -	146	50 -	0
51 -	0	52 -	0	53 -	0	54 -	369	55 -	461	56 -	0	57 -	0	58 -	92	59 -	0	60 -	0

FROM ZONE # 47

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	364	44 -	0	45 -	363	46 -	364	47 -	363	48 -	919	49 -	363	50 -	364
51 -	1000	52 -	0	53 -	0	54 -	1003	55 -	1251	56 -	0	57 -	0	58 -	249	59 -	0	60 -	0

FROM ZONE # 48

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	274	38 -	0	39 -	0	40 -	273
41 -	0	42 -	0	43 -	274	44 -	0	45 -	0	46 -	647	47 -	273	48 -	1274	49 -	273	50 -	274
51 -	0	52 -	0	53 -	0	54 -	536	55 -	670	56 -	0	57 -	0	58 -	133	59 -	0	60 -	0

FROM ZONE # 49

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	7
41 -	0	42 -	0	43 -	7	44 -	0	45 -	0	46 -	0	47 -	6	48 -	7	49 -	6	50 -	48
51 -	0	52 -	0	53 -	7	54 -	30	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 50

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	171	35 -	0	36 -	0	37 -	171	38 -	0	39 -	0	40 -	172
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	171	50 -	706
51 -	171	52 -	0	53 -	671	54 -	329	55 -	410	56 -	0	57 -	0	58 -	81	59 -	0	60 -	0

FROM ZONE # 51

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	63	30 -	0
31 -	63	32 -	0	33 -	0	34 -	63	35 -	0	36 -	0	37 -	63	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	63
51 -	441	52 -	63	53 -	0	54 -	79	55 -	82	56 -	78	57 -	0	58 -	78	59 -	0	60 -	0

FROM ZONE # 52

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	35	26 -	0	27 -	34	28 -	0	29 -	35	30 -	0
31 -	34	32 -	0	33 -	0	34 -	35	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	34	52 -	35	53 -	210	54 -	50	55 -	60	56 -	50	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 53

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	305	49 -	304	50 -	305
51 -	304	52 -	0	53 -	1637	54 -	0	55 -	0	56 -	0	57 -	256	58 -	700	59 -	0	60 -	0

FROM ZONE # 54

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 55

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 56

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 57

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0

41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

FROM ZONE # 58

1 -	0	2 -	0	3 -	0	4 -	0	5 -	0	6 -	0	7 -	0	8 -	0	9 -	0	10 -	0
11 -	0	12 -	0	13 -	0	14 -	0	15 -	0	16 -	0	17 -	0	18 -	0	19 -	0	20 -	0
21 -	0	22 -	0	23 -	0	24 -	0	25 -	0	26 -	0	27 -	0	28 -	0	29 -	0	30 -	0
31 -	0	32 -	0	33 -	0	34 -	0	35 -	0	36 -	0	37 -	0	38 -	0	39 -	0	40 -	0
41 -	0	42 -	0	43 -	0	44 -	0	45 -	0	46 -	0	47 -	0	48 -	0	49 -	0	50 -	0
51 -	0	52 -	0	53 -	0	54 -	0	55 -	0	56 -	0	57 -	0	58 -	0	59 -	0	60 -	0

ANNEX E

Roadway Link Files by County

INDIAN RIVER ROADWAY CAPACITY FILE

Link Names	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
A	4	3570
B	4	3570
C	4	3570
D	4	2250
E	2	1050
F	2	1050
G	2	1050
H	2	1050
I	2	1050
J	2	690
K	2	690
L	4	1520
M	6	2330
N	6	2330
O	8	2830
P	4	1520
Q	4	1770
R	4	1770
S	6	2650
T	2	830
U	2	830
V	2	1050
W	2	1050
X	2	1050
Y	2	830
Z	2	830

09-684.00
A:\TLT\TC\09684-03.TAB

INDIAN RIVER ROADWAY CAPACITY FILE

Link Name	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
AA	2	830
AB	2	830
AC	2	830
AD	2	830
AE	4	1520
AF	4	1520
AG	4	1770
AH	4	1770
AI	4	2250
AJ	4	2250
AK	4	1050
AL	2	1050
AM	2	1050
AN	2	1050
AO	2	1050
AP	2	1050
AQ	4	1770
AR	4	3570
AS	4	1520
AT	6	2330
AU	2	830

ST. LUCIE ROADWAY CAPACITY FILE

Link Names	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
A	2	830
B	2	830
C	2	830
D	2	830
E	2	830
F	2	830
G	2	830
H	2	830
I	4	1770
J	4	2650
K	4	2650
L	4	3570
M	2	690
N	2	690
O	2	690
P	2	690
Q	2	830
R	6	5360
S	2	830
T	6	5360
U	4	3570
V	2	830
W	2	1770
X	4	1770
Y	4	1770
Z	4	1770

09-684.00
A:\TLT\TC\09684-04.TAB

ST. LUCIE ROADWAY CAPACITY FILE

Link Name	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
AA	2	830
AB	2	830
AC	4	1770
AD	4	1520
AE	2	830
AF	2	830
AG	2	830
AH	2	830
AI	2	830
AJ	2	1050
AK	4	1520
AL	6	5360
AM	2	1050
AN	2	1050
AO	2	1050
AP	6	5360
AQ	4	1770
AR	4	3570
AS	2	1050
AT	4	3570
AU	2	1050
AV	4	1770
AW	2	830
AX	4	1520
AY	4	1520
AZ	4	1520

09-684.00
A:\TLT\TC\09684-04.TAB

ST. LUCIE ROADWAY CAPACITY FILE

Link Names	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
BA	4	1520
BB	4	1520
BC	4	1520
BD	2	1050
BE	4	3570
BF	4	3570
BG	2	1050
BH	2	1050
BI	2	1050
BJ	4	1770
BK	4	1770
BL	4	1520
BM	2	830
BN	2	830
BO	4	2650
BP	2	1050
BQ	2	1770
BR	4	1520
BS	2	1050
BT	6	5360
BU	2	1050

09-684.00
A:\TLT\TC\09684-04.TAB

MARTIN ROADWAY CAPACITY FILE

Link Names	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
A	2	830
B	2	830
C	2	830
D	2	830
E	2	690
F	2	690
G	4	1520
H	2	830
I	2	830
J	2	830
K	4	1520
L	6	2650
M	6	2650
N	2	690
O	4	1520
P	2	830
Q	2	830
R	2	830
S	4	1520
T	2	830
U	2	830
V	6	2650
W	6	2650
X	6	2650
Y	2	690
Z	4	1520

MARTIN ROADWAY CAPACITY FILE

Link Name	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
AA	2	830
BB	2	830
CC	2	830
DD	2	830
EE	4	2250
FF	4	2250
GG	4	1770
HH	2	830
II	2	830
JJ	4	2250
KK	2	830
LL	2	830
MM	4	1770
NN	2	830
OO	2	830
PP	2	830
QQ	4	1520
RR	2	830
SS	2	830
TT	2	1050
UU	2	1050
VV	2	1050
WW	2	1050
XX	2	830
YY	2	1050
ZZ	2	1050

09-684.00
A:\TLT\TC\09684-05.TAB

MARTIN ROADWAY CAPACITY FILE

Link Name	Number of Lanes	Generalized Directional Hourly Service Volume at LOS D
AB	6	5360
AC	6	5360
AD	6	5360
AE	6	5360
AF	4	3570
AG	4	3570
AH	2	830
AI	4	1520
AJ	2	830
AK	2	1050
AL	2	1050
AM	2	1050
AN	2	1050
AO	2	830
AP	2	1050
AQ	2	1050
AR	2	1050
AS	2	830
AT	2	830
AU	4	1520
AV	2	830

09-684.00
A:\TLT\TC\09684-05.TAB

PALM BEACH COUNTY ROADWAY CAPACITY FILE

Link Name	# of Lanes	Generalized Hourly Directional Service Volume at LOS D
A	2	890
B	2	890
C	6	2740
D	4	1820
E	4	1820
F	2	890
G	4	1820
H	4	1820
I	2	890
J	4	1820
K	2	890
L	2	890
M	6	2740
N	6	2740
O	2	890
P	6	4970
S	4	3310
T	6	2740
U	6	4970
V	4	1820
W	4	1820
X	4	1820
Y	2	890
Z	2	890
AA	6	2740
BB	4	1820
CC	2	890
DD	4	1820
EE	4	1820
FF	4	1820
GG	4	1820
HH	6	4970
II	4	1820
JJ	2	890
KK	2	890
LL	4	3310
MM	4	1820
NN	6	4970
OO	4	1820

PALM BEACH COUNTY ROADWAY CAPACITY FILE

Link Name	# of Lanes	Generalized Hourly Directional Service Volume at LOS D
PP	4	1430
QQ	6	2200
RR	4	1430
SS	6	4690
TT	4	1430
UU	4	1430
VV	4	1430
WW	4	1430
XX	4	1430
YY	4	1430
ZZ	4	1430
AB	2	670
AC	2	670
AD	6	2200
AE	4	1430
AF	4	1430
AG	6	4690
AH	4	1430
AI	4	1430
AJ	6	2200
AK	4	1820
AL	4	1820
AM	4	3130
AN	6	2200
AO	4	1430
AP	6	4690
AQ	4	1430
AR	2	670
AS	4	1430
AT	4	1430
AU	6	4690
AV	6	2200
AW	4	1430
AX	6	2200
AY	4	1430
AZ	6	4690
BC	4	1430
BD	4	1430
BE	4	1430

PALM BEACH COUNTY ROADWAY CAPACITY FILE

Link Name	# of Lanes	Generalized Hourly Directional Service Volume at LOS D
ER	2	890
ES	2	890
ET	2	890
EU	2	890
EV	4	1820
EW	6	2200
EX	6	2200
EY	6	4690
EZ	6	2740
FG	4	1430
FH	4	1430
FI	4	1430

PAL BEACH COUNTY ROADWAY CAPACITY FILE

Link Name	# of Lanes	Generalized Hourly Directional Service Volume at LOS D
BF	2	890
BG	2	670
BH	4	1430
BI	2	670
BJ	2	670
BK	4	1430
BL	2	670
BM	4	1430
BN	2	670
BO	4	1430
BP	6	4690
BQ	2	890
BR	2	890
BS	4	3130
BT	4	1430
BU	4	1430
BV	6	2200
BW	6	2200
BX	2	890
BY	2	890
BZ	6	4690
CD	2	670
CE	4	1430
CF	2	670
CG	2	670
CH	4	1430
CI	6	4690
CJ	2	670
CK	2	670
CL	6	2200
CM	4	1430
CN	2	670
CO	4	1430
CP	4	1430
CQ	4	1340
CR	4	3130
CS	4	1820
CT	4	1820
CU	6	4690

PALM BEACH COUNTY ROADWAY CAPACITY FILE

Link Name	# of Lanes	Generalized Hourly Directional Service Volume at LOS D
CV	6	2200
CW	2	670
CX	4	1430
CY	2	670
CZ	4	1430
DE	6	2200
DF	6	2200
DG	6	4690
DH	6	2200
DI	4	1430
DJ	4	1430
DK	4	1430
DL	2	670
DM	4	1430
DN	8	6260
DO	4	1430
DP	4	1430
DQ	6	2200
DR	6	2200
DS	6	2200
DT	4	1430
DU	4	1820
DV	4	1430
DW	4	1430
DX	4	1430
DY	8	6260
DZ	6	4970
EF	2	670
EG	2	670
EH	4	1430
EI	4	1430
EJ	4	1430
EK	4	1430
EL	8	6260
EM	2	890
EN	2	890
EO	2	890
EP	2	890
EQ	2	890

ANNEX F

Zone to Zone Path Files by County

FILE NAME : IND.PTH
IND - INDIAN RIVER COUNTY ZONE TO ZONE PATHS

ZONE # 1

OR-D (1, 1) - NO ,
OR-D (1, 2) - NO ,
OR-D (1, 3) - NO ,
OR-D (1, 4) - NO ,
OR-D (1, 5) - NO ,
OR-D (1, 6) - NO ,
OR-D (1, 7) - NO ,
OR-D (1, 8) - NO ,
OR-D (1, 9) - NO ,
OR-D (1, 10) - NO ,
OR-D (1, 11) - NO ,
OR-D (1, 12) - 0 Z,0 Y,0AI,0AH,0AG,0AT,
OR-D (1, 13) - 0 Z,0 Y,0AI,0AH,
OR-D (1, 14) - 0 Z,0 Y,0AI,
OR-D (1, 15) - 0 Z,0 Y,0AJ,5AK,
OR-D (1, 16) - 0 Z,0 Y,0 W,
OR-D (1, 17) - 0 Z,0 Y,0 W,
OR-D (1, 18) - 0 Z,0 Y,0AI,5 V,
OR-D (1, 19) - 0 Z,0 Y,0AI,0AH,5 U,
OR-D (1, 20) - 0 Z,0 Y,0 W,0 G,
OR-D (1, 21) - 0 Z,0 Y,0AI,0AH,0AG,0 O,0 N,
OR-D (1, 22) - 0 Z,0 Y,0AI,0AH,0AG,0 O,
OR-D (1, 23) - NO ,
OR-D (1, 24) - 0 Z,0 Y,0AI,0AH,0AG,0 O,
OR-D (1, 25) - NO ,
OR-D (1, 26) - NO ,
OR-D (1, 27) - NO ,
OR-D (1, 28) - 0 Z,0 Y,0 W,0 X,
OR-D (1, 29) - 0 Z,0 Y,0 W,0 X,0 F,0AN,
OR-D (1, 30) - 0 Z,0 Y,0 W,0 X,0 F,0AN,
OR-D (1, 31) - NO ,
OR-D (1, 32) - NO ,
OR-D (1, 33) - NO ,
OR-D (1, 34) - 0 Z,0 Y,0 W,0 G,0 H,0 I,0AQ,0AO,0AP,
OR-D (1, 35) - 0 Z,0 Y,0 W,0 X,0 F,0AN,0 A,
OR-D (1, 36) - 0 Z,0 Y,0AJ,0AK,0 D,
OR-D (1, 37) - NO ,

ZONE # 2

OR-D (2, 1) - NO ,
OR-D (2, 2) - NO ,
OR-D (2, 3) - NO ,
OR-D (2, 4) - NO ,
OR-D (2, 5) - NO ,
OR-D (2, 6) - NO ,
OR-D (2, 7) - NO ,
OR-D (2, 8) - NO ,
OR-D (2, 9) - NO ,
OR-D (2, 10) - NO ,
OR-D (2, 11) - NO ,

OR-D (2, 12) - 0AA,0 Y,0AI,0AH,0AG,0AT,
OR-D (2, 13) - 0AA,0 Y,0AI,0AH,
OR-D (2, 14) - 0AA,0 Y,0AI,
OR-D (2, 15) - 0AA,0 Y,0AJ,5AK,
OR-D (2, 16) - 0AA,0 Y,0 W,
OR-D (2, 17) - 0AA,0 Y,0 W,
OR-D (2, 18) - 0AA,0 Y,0AI,5 V,
OR-D (2, 19) - 0AA,0 Y,0AI,0AH,5 U,
OR-D (2, 20) - 0AA,0 Y,0 W,0 G,
OR-D (2, 21) - 0AA,0 Y,0AI,0AH,0AG,0 O,0 N,
OR-D (2, 22) - 0AA,0 Y,0AI,0AH,0AG,0 O,
OR-D (2, 23) - NO ,
OR-D (2, 24) - 0AA,0 Y,0AI,0AH,0AG,0 O,
OR-D (2, 25) - NO ,
OR-D (2, 26) - NO ,
OR-D (2, 27) - NO ,
OR-D (2, 28) - 0AA,0 Y,0 W,0 X,
OR-D (2, 29) - 0AA,0 Y,0 W,0 X,0 F,
OR-D (2, 30) - 0AA,0 Y,0 W,0 X,0 F,0AN,
OR-D (2, 31) - NO ,
OR-D (2, 32) - NO ,
OR-D (2, 33) - NO ,
OR-D (2, 34) - 0AA,0 Y,0 W,0 G,0 H,0 I,0AQ,0AO,0AP,
OR-D (2, 35) - 0AA,0 Y,0 W,0 X,0 F,0AN,0 A,
OR-D (2, 36) - 0AA,0 Y,0AJ,0AK,0 D,
OR-D (2, 37) - NO ,

ZONE # 3

OR-D (3, 1) - NO ,
OR-D (3, 2) - NO ,
OR-D (3, 3) - NO ,
OR-D (3, 4) - NO ,
OR-D (3, 5) - NO ,
OR-D (3, 6) - NO ,
OR-D (3, 7) - NO ,
OR-D (3, 8) - NO ,
OR-D (3, 9) - NO ,
OR-D (3, 10) - NO ,
OR-D (3, 11) - NO ,
OR-D (3, 12) - 0AB,0AF,0AS,
OR-D (3, 13) - 0AB,0AF,0AS,0AT,0AG,
OR-D (3, 14) - 0AB,0AF,0AS,0AT,0AG,0AH,
OR-D (3, 15) - NO ,
OR-D (3, 16) - 0AB,0AF,0AS,0AT,0AG,0AH,0AI,0 W,
OR-D (3, 17) - 0AB,0AF,0AS,0AT,0AG,0AH,0AI,0 W,
OR-D (3, 18) - 0AB,0AF,0AS,0AT,0AG,0AH,5 V,
OR-D (3, 19) - 0AB,0AF,0AS,0AT,0AG,5 U,
OR-D (3, 20) - 0AB,0AF,0AS,0AT,0AG,0AH,0 V,
OR-D (3, 21) - 0AB,0AF,0AS,0AT,0 O,0 N,
OR-D (3, 22) - 0AB,0AF,0AS,0AT,0 O,
OR-D (3, 23) - 0AB,0AF,0AS,0AT,0 O,0 N,0 M,0 L,
OR-D (3, 24) - 0AB,0AF,0AS,0AT,0 O,
OR-D (3, 25) - 0AB,0AF,0AS,0AT,0 Q,
OR-D (3, 26) - 0AB,0AF,0AS,0AT,0 Q,0 R,
OR-D (3, 27) - 0AB,0AF,0AS,0AT,0 O,0 N,0 M,0 L,
OR-D (3, 28) - NO ,
OR-D (3, 29) - NO ,
OR-D (3, 30) - NO ,
OR-D (3, 31) - NO ,

OR-D (3, 32) - NO ,
OR-D (3, 33) - NO ,
OR-D (3, 34) - OAB,OAF,OAS,OAT,0 O,0 N,0 M,0 L,OAQ,OAO,OAP,
OR-D (3, 35) - OAB,OAF,OAS,OAT,0 O,0 M,0 L,OAQ,
OR-D (3, 36) - OAB,OAF,OAS,OAT,OAG,OAH,OAI,OAJ,OAK,0 D,
OR-D (3, 37) - NO ,

ZONE # 4

OR-D (4, 1) - NO ,
OR-D (4, 2) - NO ,
OR-D (4, 3) - NO ,
OR-D (4, 4) - NO ,
OR-D (4, 5) - NO ,
OR-D (4, 6) - NO ,
OR-D (4, 7) - NO ,
OR-D (4, 8) - NO ,
OR-D (4, 9) - NO ,
OR-D (4, 10) - NO ,
OR-D (4, 11) - NO ,
OR-D (4, 12) - OAD,OAE,0 P,
OR-D (4, 13) - OAD,OAE,0 P,OAT,OAG,
OR-D (4, 14) - OAD,OAE,0 P,OAT,OAG,OAH,
OR-D (4, 15) - NO ,
OR-D (4, 16) - NO ,
OR-D (4, 17) - NO ,
OR-D (4, 18) - OAD,OAE,0 P,OAG,OAH,5 V,
OR-D (4, 19) - OAD,OAE,0 P,OAG,5 U,
OR-D (4, 20) - OAD,OAE,0 P,OAT,OAG,0 U,
OR-D (4, 21) - OAD,OAE,0 P,OAT,0 O,0 N,
OR-D (4, 22) - OAD,OAE,0 P,OAT,0 O,
OR-D (4, 23) - OAD,OAE,0 P,OAT,0 O,0 N,0 M,0 L,
OR-D (4, 24) - OAD,OAE,0 P,OAT,0 O,
OR-D (4, 25) - NO ,
OR-D (4, 26) - NO ,
OR-D (4, 27) - OAD,OAE,0 P,0 O,0 N,0 M,0 L,
OR-D (4, 28) - NO ,
OR-D (4, 29) - NO ,
OR-D (4, 30) - NO ,
OR-D (4, 31) - NO ,
OR-D (4, 32) - NO ,
OR-D (4, 33) - NO ,
OR-D (4, 34) - OAD,OAE,0 P,OAT,0 O,0 N,0 M,0 L,OAQ,OAO,OAP,
OR-D (4, 35) - OAD,OAE,0 P,OAT,0 O,0 N,0 M,0 L,OAQ,0 B,0 A,
OR-D (4, 36) - OAD,OAE,0 P,OAT,OAG,OAH,OAI,OAJ,OAK,0 D,
OR-D (4, 37) - NO ,

ZONE # 5

OR-D (5, 1) - NO ,
OR-D (5, 2) - NO ,
OR-D (5, 3) - NO ,
OR-D (5, 4) - NO ,
OR-D (5, 5) - NO ,
OR-D (5, 6) - NO ,
OR-D (5, 7) - NO ,
OR-D (5, 8) - NO ,
OR-D (5, 9) - NO ,
OR-D (5, 10) - NO ,
OR-D (5, 11) - NO ,

OR-D (5, 12) - NO ,
OR-D (5, 13) - 5AJ,0AI,0AH,
OR-D (5, 14) - 5AJ,0AI,
OR-D (5, 15) - NO ,
OR-D (5, 16) - 5AL,5 W,
OR-D (5, 17) - 5AJ,0 W,
OR-D (5, 18) - 5AJ,0 W,0 G,5 V,
OR-D (5, 19) - 5AJ,0 W,0 G,0 H,5 U,
OR-D (5, 20) - 5AJ,0 W,0 G,5 H,
OR-D (5, 21) - 5AJ,0AI,0AH,0AG,0 O,0 N,
OR-D (5, 22) - 5AJ,0AI,0AH,0AG,0 O,
OR-D (5, 23) - 5AJ,0AI,0 W,0 G,0 H,0 I,
OR-D (5, 24) - NO ,
OR-D (5, 25) - NO ,
OR-D (5, 26) - NO ,
OR-D (5, 27) - NO ,
OR-D (5, 28) - 5AL,5AM,5 F,5 W,5 X,
OR-D (5, 29) - 5AL,5AM,5 W,5 X,5 F,
OR-D (5, 30) - NO ,
OR-D (5, 31) - NO ,
OR-D (5, 32) - NO ,
OR-D (5, 33) - NO ,
OR-D (5, 34) - NO ,
OR-D (5, 35) - 5AL,5AM,5 W,5 X,5 F,0AN,0 A,
OR-D (5, 36) - 5AJ,0AK,0 D,
OR-D (5, 37) - NO ,

ZONE # 6

OR-D (6, 1) - NO ,
OR-D (6, 2) - NO ,
OR-D (6, 3) - NO ,
OR-D (6, 4) - NO ,
OR-D (6, 5) - NO ,
OR-D (6, 6) - NO ,
OR-D (6, 7) - NO ,
OR-D (6, 8) - NO ,
OR-D (6, 9) - NO ,
OR-D (6, 10) - NO ,
OR-D (6, 11) - NO ,
OR-D (6, 12) - 0AH,0AG,0AT,
OR-D (6, 13) - 0AH,
OR-D (6, 14) - NO ,
OR-D (6, 15) - 0AI,0AJ,5AK,
OR-D (6, 16) - 0AI,0 W,
OR-D (6, 17) - 0AI,0 W,
OR-D (6, 18) - 5 V,
OR-D (6, 19) - 0AH,5 U,
OR-D (6, 20) - 0 V,
OR-D (6, 21) - 0AH,0AG,0 O,0 N,
OR-D (6, 22) - 0AH,0AG,0 O,
OR-D (6, 23) - 0AH,0AG,0 O,0 N,0 M,0 L,
OR-D (6, 24) - 0AH,0AG,0 O,
OR-D (6, 25) - NO ,
OR-D (6, 26) - NO ,
OR-D (6, 27) - NO ,
OR-D (6, 28) - 0AI,0 W,0 X,
OR-D (6, 29) - 0AI,0 W,0 X,0 F,
OR-D (6, 30) - NO ,
OR-D (6, 31) - NO ,

OR-D (6, 32) - NO ,
OR-D (6, 33) - NO ,
OR-D (6, 34) - OAH,OAG,0 O,0 N,0 M,0 L,OAQ,OAO,OAP,
OR-D (6, 35) - OAI,0 W,0 X,0 F,OAN,0 A,
OR-D (6, 36) - OAI,OAJ,OAK,0 D,
OR-D (6, 37) - NO ,

ZONE # 7

OR-D (7, 1) - NO ,
OR-D (7, 2) - NO ,
OR-D (7, 3) - NO ,
OR-D (7, 4) - NO ,
OR-D (7, 5) - NO ,
OR-D (7, 6) - NO ,
OR-D (7, 7) - NO ,
OR-D (7, 8) - NO ,
OR-D (7, 9) - NO ,
OR-D (7, 10) - NO ,
OR-D (7, 11) - NO ,
OR-D (7, 12) - OAG,OAT,
OR-D (7, 13) - NO ,
OR-D (7, 14) - OAH,
OR-D (7, 15) - OAH,OAI,OAJ,5AK,
OR-D (7, 16) - OAH,OAI,0 W,
OR-D (7, 17) - OAH,OAI,0 W,
OR-D (7, 18) - OAH,5 V,
OR-D (7, 19) - 5 U,
OR-D (7, 20) - 5 U,5 V,
OR-D (7, 21) - OAG,0 O,0 N,
OR-D (7, 22) - OAG,0 O,
OR-D (7, 23) - 0 U,0 I,
OR-D (7, 24) - OAG,0 O,
OR-D (7, 25) - OAG,0 Q,
OR-D (7, 26) - NO ,
OR-D (7, 27) - 0 U,0 I,
OR-D (7, 28) - OAH,OAI,0 W,0 X,
OR-D (7, 29) - OAH,OAI,0 W,0 X,0 F,
OR-D (7, 30) - NO ,
OR-D (7, 31) - NO ,
OR-D (7, 32) - NO ,
OR-D (7, 33) - NO ,
OR-D (7, 34) - 0 U,0 I,OAQ,OAO,OAP,
OR-D (7, 35) - OAG,0 O,0 N,0 M,0 L,OAQ,0 B,0 A,
OR-D (7, 36) - OAH,OAI,OAJ,OAK,0 D,
OR-D (7, 37) - NO ,

ZONE # 8

OR-D (8, 1) - NO ,
OR-D (8, 2) - NO ,
OR-D (8, 3) - NO ,
OR-D (8, 4) - NO ,
OR-D (8, 5) - NO ,
OR-D (8, 6) - NO ,
OR-D (8, 7) - NO ,
OR-D (8, 8) - NO ,
OR-D (8, 9) - NO ,
OR-D (8, 10) - NO ,
OR-D (8, 11) - 0 R,

OR-D (8, 12) - 0 R,0 Q,0AT,
OR-D (8, 13) - 0 R,0 Q,0AG,
OR-D (8, 14) - NO ,
OR-D (8, 15) - NO ,
OR-D (8, 16) - NO ,
OR-D (8, 17) - 0 R,0 Q,0AG,0AH,0AI,0 W,
OR-D (8, 18) - 0 R,0 Q,0AG,0AH,0 P,5 V,
OR-D (8, 19) - 0 R,0 Q,0AG,0 P,5 U,
OR-D (8, 20) - 0 R,0 Q,0AG,0 U,
OR-D (8, 21) - 0 R,0 Q,0 O,0 N,
OR-D (8, 22) - 0 R,0 Q,0 O,
OR-D (8, 23) - 0 R,0 Q,0 O,0 N,0 M,0 L,
OR-D (8, 24) - 0 R,0 Q,0 O,
OR-D (8, 25) - 0 R,
OR-D (8, 26) - 5 T,
OR-D (8, 27) - 0 R,0 Q,0 O,0 N,0 M,0 L,0 P,
OR-D (8, 28) - NO ,
OR-D (8, 29) - NO ,
OR-D (8, 30) - NO ,
OR-D (8, 31) - NO ,
OR-D (8, 32) - NO ,
OR-D (8, 33) - NO ,
OR-D (8, 34) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (8, 35) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D (8, 36) - 0 R,0 Q,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D (8, 37) - NO ,

ZONE # 9

OR-D (9, 1) - NO ,
OR-D (9, 2) - NO ,
OR-D (9, 3) - NO ,
OR-D (9, 4) - NO ,
OR-D (9, 5) - NO ,
OR-D (9, 6) - NO ,
OR-D (9, 7) - NO ,
OR-D (9, 8) - NO ,
OR-D (9, 9) - NO ,
OR-D (9, 10) - NO ,
OR-D (9, 11) - NO ,
OR-D (9, 12) - NO ,
OR-D (9, 13) - 0AK,0AJ,0AI,0AH,
OR-D (9, 14) - 0AK,0AJ,0AI,
OR-D (9, 15) - 0AK,
OR-D (9, 16) - 0 E,5AM,5 F,5 X,
OR-D (9, 17) - 0 E,0AM,0 F,0 X,
OR-D (9, 18) - 0 E,0AM,0 F,0 X,0 G,5 V,
OR-D (9, 19) - 0 E,0AM,0 F,0 X,0 G,0 H,5 U,
OR-D (9, 20) - 0 E,0AM,0 F,0 X,0 G,5 H,
OR-D (9, 21) - 0 E,0AM,0 F,0 X,0 G,0 H,0 I,0 L,0 M,
OR-D (9, 22) - 0AK,0AJ,0AI,0AH,0AG,0 O,
OR-D (9, 23) - NO ,
OR-D (9, 24) - 0AK,0AJ,0AI,0AH,0AG,0 O,
OR-D (9, 25) - NO ,
OR-D (9, 26) - NO ,
OR-D (9, 27) - NO ,
OR-D (9, 28) - 0 E,0AM,0 F,
OR-D (9, 29) - 0 E,0AM,
OR-D (9, 30) - 0 E,0AM,0AN,
OR-D (9, 31) - NO ,

OR-D (9, 32) - NO ,
OR-D (9, 33) - NO ,
OR-D (9, 34) - NO ,
OR-D (9, 35) - 0 E,0AM,0AN,0 A,
OR-D (9, 36) - 0 D,
OR-D (9, 37) - NO ,

ZONE # 10

OR-D (10, 1) - NO ,
OR-D (10, 2) - NO ,
OR-D (10, 3) - NO ,
OR-D (10, 4) - NO ,
OR-D (10, 5) - NO ,
OR-D (10, 6) - NO ,
OR-D (10, 7) - NO ,
OR-D (10, 8) - NO ,
OR-D (10, 9) - NO ,
OR-D (10, 10) - NO ,
OR-D (10, 11) - 0 R,5 S,
OR-D (10, 12) - 0 R,0 Q,0 P,0AT,5 S,
OR-D (10, 13) - 0 R,0 Q,0 P,0AG,5 S,
OR-D (10, 14) - NO ,
OR-D (10, 15) - NO ,
OR-D (10, 16) - NO ,
OR-D (10, 17) - 0 R,0 Q,0AG,0AH,0AI,0 W,0 P,5 S,
OR-D (10, 18) - 0 R,0 Q,0AG,0AH,0 P,5 V,
OR-D (10, 19) - 0 R,0 Q,0AG,5 U,0 P,5 S,
OR-D (10, 20) - 0 R,0 Q,0AG,0 U,0 P,5 S,
OR-D (10, 21) - 0 R,0 Q,0 O,0 N,0 P,5 S,
OR-D (10, 22) - 0 R,0 Q,0 O,0 P,5 S,
OR-D (10, 23) - 0 R,0 Q,0 O,0 N,0 M,0 L,0 P,5 S,
OR-D (10, 24) - 0 R,0 Q,0 O,0 P,5 S,
OR-D (10, 25) - 0 R,5 S,
OR-D (10, 26) - 5 T,5 S,
OR-D (10, 27) - 0 R,0 Q,0 O,0 N,0 M,0 L,0 P,
OR-D (10, 28) - NO ,
OR-D (10, 29) - NO ,
OR-D (10, 30) - NO ,
OR-D (10, 31) - NO ,
OR-D (10, 32) - NO ,
OR-D (10, 33) - NO ,
OR-D (10, 34) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,0 P,5 S,
OR-D (10, 35) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,0 P,5 S,
OR-D (10, 36) - 0 R,0 Q,0AG,0AH,0AI,0AJ,0AK,0 D,0 P,5 S,
OR-D (10, 37) - NO ,

ZONE # 11

OR-D (11, 1) - NO ,
OR-D (11, 2) - NO ,
OR-D (11, 3) - NO ,
OR-D (11, 4) - NO ,
OR-D (11, 5) - NO ,
OR-D (11, 6) - NO ,
OR-D (11, 7) - NO ,
OR-D (11, 8) - 0 R,
OR-D (11, 9) - NO ,
OR-D (11, 10) - 0 R,5 S,
OR-D (11, 11) - NO ,

OR-D (11, 12) - 0 Q,0AT,
OR-D (11, 13) - 0 Q,0AG,
OR-D (11, 14) - 0 Q,0AG,0AH,
OR-D (11, 15) - NO ,
OR-D (11, 16) - NO ,
OR-D (11, 17) - 0 Q,0AG,0AH,0AI,0 W,
OR-D (11, 18) - 0 Q,0AG,0AH,0 P,5 V,
OR-D (11, 19) - 0 Q,0AG,0 P,5 U,
OR-D (11, 20) - 0 Q,0AG,0 U,
OR-D (11, 21) - 0 Q,0 O,0 N,
OR-D (11, 22) - 0 Q,0 O,
OR-D (11, 23) - 0 Q,0 O,0 N,0 M,0 L,
OR-D (11, 24) - 0 Q,0 O,
OR-D (11, 25) - NO ,
OR-D (11, 26) - NO ,
OR-D (11, 27) - 0 Q,0 O,0 N,0 M,0 L,0 P,
OR-D (11, 28) - 0 Q,0AG,0AH,0AI,0 W,0 X,
OR-D (11, 29) - NO ,
OR-D (11, 30) - NO ,
OR-D (11, 31) - NO ,
OR-D (11, 32) - NO ,
OR-D (11, 33) - NO ,
OR-D (11, 34) - 0 Q,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (11, 35) - 0 Q,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D (11, 36) - 0 Q,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D (11, 37) - NO ,

ZONE # 12

OR-D (12, 1) - 0 Z,0 Y,0AI,0AH,0AG,0AT,
OR-D (12, 2) - 0AA,0 Y,0AI,0AH,0AG,0AT,
OR-D (12, 3) - 0AB,0AF,0AS,
OR-D (12, 4) - 0AD,0AE,0 P,
OR-D (12, 5) - NO ,
OR-D (12, 6) - 0AH,0AG,0AT,
OR-D (12, 7) - 0AG,0AT,
OR-D (12, 8) - 0 R,0 Q,0AT,
OR-D (12, 9) - NO ,
OR-D (12, 10) - 0 R,0 Q,0 P,0AT,5 S,
OR-D (12, 11) - 0 Q,0AT,
OR-D (12, 12) - NO ,
OR-D (12, 13) - 0AT,0AG,
OR-D (12, 14) - 0AT,0AG,0AH,
OR-D (12, 15) - NO ,
OR-D (12, 16) - NO ,
OR-D (12, 17) - 0AT,0AG,0AH,0AI,0 W,
OR-D (12, 18) - 0AT,0AG,0AH,5 V,
OR-D (12, 19) - 0AT,0AG,5 U,
OR-D (12, 20) - 0AT,0AG,0 U,
OR-D (12, 21) - 0AT,0 O,0 N,
OR-D (12, 22) - 0AT,0 O,
OR-D (12, 23) - 0AT,0 O,0 N,0 M,0 L,
OR-D (12, 24) - 0AT,0 O,
OR-D (12, 25) - 0AT,0 O,
OR-D (12, 26) - 0AT,0 Q,0 R,5 T,
OR-D (12, 27) - 0AT,0 O,0 N,0 M,0 L,
OR-D (12, 28) - NO ,
OR-D (12, 29) - NO ,
OR-D (12, 30) - NO ,
OR-D (12, 31) - NO ,

OR-D (12, 32) - NO ,
OR-D (12, 33) - NO ,
OR-D (12, 34) - OAT,0 N,0 M,0 L,OAQ,OAO,OAP,
OR-D (12, 35) - OAT,0 O,0 N,0 M,0 L,OAQ,0 B,0 A,
OR-D (12, 36) - OAT,OAG,OAH,OAI,OAJ,OAK,0 D,
OR-D (12, 37) - NO ,

ZONE # 13

OR-D (13, 1) - 0 Z,0 Y,OAI,OAH,
OR-D (13, 2) - OAA,0 Y,OAI,OAH,
OR-D (13, 3) - OAB,OAF,OAS,OAT,OAG,
OR-D (13, 4) - OAD,OAE,0 P,OAT,OAG,
OR-D (13, 5) - 5AJ,OAI,OAH,
OR-D (13, 6) - OAH,
OR-D (13, 7) - NO ,
OR-D (13, 8) - 0 R,0 Q,OAG,
OR-D (13, 9) - OAK,OAJ,OAI,OAH,
OR-D (13, 10) - 0 R,0 Q,0 P,OAG,5 S,
OR-D (13, 11) - 0 Q,OAG,
OR-D (13, 12) - OAT,OAG,
OR-D (13, 13) - NO ,
OR-D (13, 14) - OAH,
OR-D (13, 15) - OAH,OAI,OAJ,5AK,
OR-D (13, 16) - OAH,OAI,0 W,
OR-D (13, 17) - OAH,OAI,0 W,
OR-D (13, 18) - OAH,5 V,
OR-D (13, 19) - 5 U,
OR-D (13, 20) - 0 U,
OR-D (13, 21) - OAG,0 O,0 N,
OR-D (13, 22) - OAG,0 O,
OR-D (13, 23) - OAG,0 O,0 N,0 M,0 L,
OR-D (13, 24) - OAG,0 O,
OR-D (13, 25) - OAG,0 Q,
OR-D (13, 26) - NO ,
OR-D (13, 27) - OAG,0 O,0 N,0 M,0 L,
OR-D (13, 28) - OAH,OAI,0 W,0 X,
OR-D (13, 29) - NO ,
OR-D (13, 30) - NO ,
OR-D (13, 31) - NO ,
OR-D (13, 32) - NO ,
OR-D (13, 33) - NO ,
OR-D (13, 34) - OAG,0 O,0 N,0 M,0 L,OAQ,OAO,OAP,
OR-D (13, 35) - OAG,0 O,0 N,0 M,0 L,OAQ,0 B,0 A,
OR-D (13, 36) - OAH,OAI,OAJ,OAK,0 D,
OR-D (13, 37) - NO ,

ZONE # 14

OR-D (14, 1) - 0 Z,0 Y,OAI,
OR-D (14, 2) - OAA,0 Y,OAI,
OR-D (14, 3) - OAB,OAF,OAS,OAT,OAG,OAH,
OR-D (14, 4) - OAD,OAE,0 P,OAT,OAG,OAH,
OR-D (14, 5) - 5AJ,OAI,
OR-D (14, 6) - NO ,
OR-D (14, 7) - OAH,
OR-D (14, 8) - NO ,
OR-D (14, 9) - OAK,OAJ,OAI,
OR-D (14, 10) - NO ,
OR-D (14, 11) - 0 Q,OAG,OAH,

```
OR-D ( 14, 12) -  0AT,0AG,0AH,
OR-D ( 14, 13) -  0AH,
OR-D ( 14, 14) -  NO ,
OR-D ( 14, 15) -  0AI,0AJ,5AK,
OR-D ( 14, 16) -  0AI,0 W,
OR-D ( 14, 17) -  0AI,0 W,
OR-D ( 14, 18) -  5 V,
OR-D ( 14, 19) -  0AH,5 U,
OR-D ( 14, 20) -  0AH,0 U,
OR-D ( 14, 21) -  0AH,0AG,0 O,0 N,
OR-D ( 14, 22) -  0AH,0AG,0 O,
OR-D ( 14, 23) -  0AH,0AG,0 O,0 N,0 M,0 L,
OR-D ( 14, 24) -  0AH,0AG,0 O,
OR-D ( 14, 25) -  NO ,
OR-D ( 14, 26) -  NO ,
OR-D ( 14, 27) -  NO ,
OR-D ( 14, 28) -  0AI,0 W,0 X,
OR-D ( 14, 29) -  0AI,0 W,0 X,0 F,
OR-D ( 14, 30) -  0AI,0 W,0 X,0 F,0AN,
OR-D ( 14, 31) -  NO ,
OR-D ( 14, 32) -  NO ,
OR-D ( 14, 33) -  NO ,
OR-D ( 14, 34) -  0AH,0AG,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D ( 14, 35) -  0AI,0 W,0 X,0 F,0AN,0 A,
OR-D ( 14, 36) -  0AI,0AJ,0AK,0 D,
OR-D ( 14, 37) -  NO ,
```

ZONE # 15

```
OR-D ( 15, 1) -   0 Z,0 Y,0AJ,5AK,
OR-D ( 15, 2) -   0AA,0 Y,0AJ,5AK,
OR-D ( 15, 3) -   NO ,
OR-D ( 15, 4) -   NO ,
OR-D ( 15, 5) -   NO ,
OR-D ( 15, 6) -   0AI,0AJ,5AK,
OR-D ( 15, 7) -   0AH,0AI,0AJ,5AK,
OR-D ( 15, 8) -   NO ,
OR-D ( 15, 9) -   0AK,
OR-D ( 15, 10) -  NO ,
OR-D ( 15, 11) -  NO ,
OR-D ( 15, 12) -  NO ,
OR-D ( 15, 13) -  0AH,0AI,0AJ,5AK,
OR-D ( 15, 14) -  0AI,0AJ,5AK,
OR-D ( 15, 15) -  NO ,
OR-D ( 15, 16) -  5AL,5AJ,5 W,5AK,
OR-D ( 15, 17) -  0AJ,0 W,5AK,
OR-D ( 15, 18) -  0AJ,0 W,0 G,5 V,
OR-D ( 15, 19) -  0AJ,0 W,0 G,0 H,5AK,5 U,
OR-D ( 15, 20) -  0AJ,0 W,0 G,0 H,5AK,
OR-D ( 15, 21) -  NO ,
OR-D ( 15, 22) -  0AJ,0AI,0AH,0AG,0 O,5AK,
OR-D ( 15, 23) -  NO ,
OR-D ( 15, 24) -  0AJ,0AI,0AH,0AG,0 O,5AK,
OR-D ( 15, 25) -  NO ,
OR-D ( 15, 26) -  NO ,
OR-D ( 15, 27) -  NO ,
OR-D ( 15, 28) -  0AJ,0 W,0 X,5AK,
OR-D ( 15, 29) -  0AL,0AM,5AK,
OR-D ( 15, 30) -  0AL,0AM,0AN,5AK,
OR-D ( 15, 31) -  NO ,
```

OR-D (15, 32) - NO ,
OR-D (15, 33) - NO ,
OR-D (15, 34) - NO ,
OR-D (15, 35) - 0AL,0AM,0AN,0 A,5AK,
OR-D (15, 36) - 0AK,0 D,
OR-D (15, 37) - NO ,

ZONE # 16

OR-D (16, 1) - 0 Z,0 Y,0 W,
OR-D (16, 2) - 0AA,0 Y,0 W,
OR-D (16, 3) - 0AB,0AF,0AS,0AT,0AG,0AH,0AI,0 W,
OR-D (16, 4) - NO ,
OR-D (16, 5) - 5AL,5 W,
OR-D (16, 6) - 0AI,0 W,
OR-D (16, 7) - 0AH,0AI,0 W,
OR-D (16, 8) - NO ,
OR-D (16, 9) - 0 E,5AM,5 F,5 X,
OR-D (16, 10) - NO ,
OR-D (16, 11) - NO ,
OR-D (16, 12) - NO ,
OR-D (16, 13) - 0AH,0AI,0 W,
OR-D (16, 14) - 0AI,0 W,
OR-D (16, 15) - 5AL,5AJ,5 W,5AK,
OR-D (16, 16) - NO ,
OR-D (16, 17) - NO ,
OR-D (16, 18) - 0 G,5 V,
OR-D (16, 19) - 0 G,0 H,5 U,
OR-D (16, 20) - 0 G,5 H,
OR-D (16, 21) - NO ,
OR-D (16, 22) - NO ,
OR-D (16, 23) - 0 G,0 H,0 I,
OR-D (16, 24) - NO ,
OR-D (16, 25) - NO ,
OR-D (16, 26) - NO ,
OR-D (16, 27) - NO ,
OR-D (16, 28) - 5AM,5 F,5 X,
OR-D (16, 29) - 5AM,5 X,5 F,
OR-D (16, 30) - 5AM,5 X,5 F,0AN,
OR-D (16, 31) - NO ,
OR-D (16, 32) - NO ,
OR-D (16, 33) - NO ,
OR-D (16, 34) - NO ,
OR-D (16, 35) - 5AM,5 X,5 F,0AN,0 A,
OR-D (16, 36) - 5 X,5 F,5AM,0 E,0 D,
OR-D (16, 37) - NO ,

ZONE # 17

OR-D (17, 1) - 0 Z,0 Y,0 W,
OR-D (17, 2) - 0AA,0 Y,0 W,
OR-D (17, 3) - 0AB,0AF,0AS,0AT,0AG,0AH,0AI,0 W,
OR-D (17, 4) - NO ,
OR-D (17, 5) - 5AJ,0 W,
OR-D (17, 6) - 0AI,0 W,
OR-D (17, 7) - 0AH,0AI,0 W,
OR-D (17, 8) - 0 R,0 Q,0AG,0AH,0AI,0 W,
OR-D (17, 9) - 0 E,0AM,0 F,0 X,
OR-D (17, 10) - 0 R,0 Q,0AG,0AH,0AI,0 W,0 P,5 S,
OR-D (17, 11) - 0 Q,0AG,0AH,0AI,0 W,

OR-D (17, 12) - OAT,OAG,OAH,OAI,0 W,
OR-D (17, 13) - OAH,OAI,0 W,
OR-D (17, 14) - OAI,0 W,
OR-D (17, 15) - OAJ,0 W,5AK,
OR-D (17, 16) - NO ,
OR-D (17, 17) - NO ,
OR-D (17, 18) - 0 G,5 V,
OR-D (17, 19) - 0 G,0 H,5 U,
OR-D (17, 20) - 0 G,5 H,
OR-D (17, 21) - 0 G,0 H,0 I,0 L,0 M,
OR-D (17, 22) - 0 G,0 V,0AH,0AG,0 O,
OR-D (17, 23) - 0 G,0 H,0 I,
OR-D (17, 24) - 0 G,0 V,0AH,0AG,0 O,
OR-D (17, 25) - NO ,
OR-D (17, 26) - NO ,
OR-D (17, 27) - 0 G,0 H,0 I,
OR-D (17, 28) - 0 X,
OR-D (17, 29) - 0 X,0 F,
OR-D (17, 30) - 0 X,0 F,0AN,
OR-D (17, 31) - NO ,
OR-D (17, 32) - NO ,
OR-D (17, 33) - NO ,
OR-D (17, 34) - 0 G,0 H,0 I,0AQ,0AO,0AP,
OR-D (17, 35) - 0 X,0 F,0AN,0 A,
OR-D (17, 36) - 0 W,0AJ,0AK,0 D,
OR-D (17, 37) - NO ,

ZONE # 18

OR-D (18, 1) - 0 Z,0 Y,0AI,5 V,
OR-D (18, 2) - 0AA,0 Y,0AI,5 V,
OR-D (18, 3) - 0AB,0AF,0AS,0AT,0AG,0AH,5 V,
OR-D (18, 4) - 0AD,0AE,0 P,0AG,0AH,5 V,
OR-D (18, 5) - 5AJ,0 W,0 G,5 V,
OR-D (18, 6) - 5 V,
OR-D (18, 7) - 0AH,5 V,
OR-D (18, 8) - 0 R,0 Q,0AG,0AH,0 P,5 V,
OR-D (18, 9) - 0 E,0AM,0 F,0 X,0 G,5 V,
OR-D (18, 10) - 0 R,0 Q,0AG,0AH,0 P,5 V,
OR-D (18, 11) - 0 Q,0AG,0AH,0 P,5 V,
OR-D (18, 12) - 0AT,0AG,0AH,5 V,
OR-D (18, 13) - 0AH,5 V,
OR-D (18, 14) - 5 V,
OR-D (18, 15) - 0AJ,0 W,0 G,5 V,
OR-D (18, 16) - 0 G,5 V,
OR-D (18, 17) - 0 G,5 V,
OR-D (18, 18) - NO ,
OR-D (18, 19) - 0 H,5 U,
OR-D (18, 20) - 5 H,5 V,
OR-D (18, 21) - 0 H,0 I,0 L,0 M,5 V,
OR-D (18, 22) - 5 V,0AH,0AG,0 O,
OR-D (18, 23) - 0 H,0 I,5 V,
OR-D (18, 24) - 5 V,0AH,0AG,0 O,
OR-D (18, 25) - NO ,
OR-D (18, 26) - NO ,
OR-D (18, 27) - 0 H,0 I,5 V,
OR-D (18, 28) - 0 G,0 X,5 V,
OR-D (18, 29) - 0 G,0 X,0 F,5 V,
OR-D (18, 30) - 0 G,0 X,0 F,0AN,
OR-D (18, 31) - NO ,

```
OR-D ( 18, 32) -  NO ,
OR-D ( 18, 33) -  NO ,
OR-D ( 18, 34) -  0 H,0 I,0AQ,0AO,0AP,5 V,
OR-D ( 18, 35) -  0 G,0 X,0 F,0AN,0 A,5 V,
OR-D ( 18, 36) -  0 G,0 W,0AJ,0AK,0 D,5 V,
OR-D ( 18, 37) -  NO ,
```

ZONE # 19

```
OR-D ( 19, 1) -  0 Z,0 Y,0AI,0AH,5 U,
OR-D ( 19, 2) -  0AA,0 Y,0AI,0AH,5 U,
OR-D ( 19, 3) -  0AB,0AF,0AS,0AT,0AG,5 U,
OR-D ( 19, 4) -  0AD,0AE,0 P,0AG,5 U,
OR-D ( 19, 5) -  5AJ,0 W,0 G,0 H,5 U,
OR-D ( 19, 6) -  0AH,5 U,
OR-D ( 19, 7) -  5 U,
OR-D ( 19, 8) -  0 R,0 Q,0AG,0 P,5 U,
OR-D ( 19, 9) -  0 E,0AM,0 F,0 X,0 G,0 H,5 U,
OR-D ( 19, 10) -  0 R,0 Q,0AG,5 U,0 P,5 S,
OR-D ( 19, 11) -  0 Q,0AG,0 P,5 U,
OR-D ( 19, 12) -  0AT,0AG,5 U,
OR-D ( 19, 13) -  5 U,
OR-D ( 19, 14) -  0AH,5 U,
OR-D ( 19, 15) -  0AJ,0 W,0 G,0 H,5AK,5 U,
OR-D ( 19, 16) -  0 G,0 H,5 U,
OR-D ( 19, 17) -  0 G,0 H,5 U,
OR-D ( 19, 18) -  0 H,5 U,
OR-D ( 19, 19) -  NO ,
OR-D ( 19, 20) -  5 H,5 U,
OR-D ( 19, 21) -  0 I,0 L,0 M,5 U,
OR-D ( 19, 22) -  0 I,0 L,0 M,0 N,5 U,
OR-D ( 19, 23) -  0 I,5 U,
OR-D ( 19, 24) -  0 I,0 L,0 M,0 N,5 U,
OR-D ( 19, 25) -  0 I,0 L,0 J,5 U,
OR-D ( 19, 26) -  0 I,0 L,0 J,0 K,5 U,
OR-D ( 19, 27) -  0 I,5 U,
OR-D ( 19, 28) -  0 H,0 G,0 X,5 U,
OR-D ( 19, 29) -  0 H,0 G,0 X,0 F,5 U,
OR-D ( 19, 30) -  0 H,0 G,0 X,0 F,0AN,5 U,
OR-D ( 19, 31) -  NO ,
OR-D ( 19, 32) -  NO ,
OR-D ( 19, 33) -  NO ,
OR-D ( 19, 34) -  0 I,0AQ,0AO,0AP,5 U,
OR-D ( 19, 35) -  0 I,0AQ,0 B,0 A,5 U,
OR-D ( 19, 36) -  0 H,0 G,0 W,0AJ,0AK,0 D,5 U,
OR-D ( 19, 37) -  NO ,
```

ZONE # 20

```
OR-D ( 20, 1) -  0 Z,0 Y,0 W,0 G,
OR-D ( 20, 2) -  0AA,0 Y,0 W,0 G,
OR-D ( 20, 3) -  0AB,0AF,0AS,0AT,0AG,0AH,0 V,
OR-D ( 20, 4) -  0AD,0AE,0 P,0AT,0AG,0 U,
OR-D ( 20, 5) -  5AJ,0 W,0 G,5 H,
OR-D ( 20, 6) -  0 V,
OR-D ( 20, 7) -  5 U,5 V,
OR-D ( 20, 8) -  0 R,0 Q,0AG,0 U,
OR-D ( 20, 9) -  0 E,0AM,0 F,0 X,0 G,5 H,
OR-D ( 20, 10) -  0 R,0 Q,0AG,0 U,0 P,5 S,
OR-D ( 20, 11) -  0 Q,0AG,0 U,
```

OR-D (20, 12) - 0AT,0AG,0 U,
OR-D (20, 13) - 0 U,
OR-D (20, 14) - 0AH,0 U,
OR-D (20, 15) - 0AJ,0 W,0 G,0 H,5AK,
OR-D (20, 16) - 0 G,5 H,
OR-D (20, 17) - 0 G,5 H,
OR-D (20, 18) - 5 H,5 V,
OR-D (20, 19) - 5 H,5 U,
OR-D (20, 20) - NO ,
OR-D (20, 21) - 5 H,0 I,0 L,0 M,
OR-D (20, 22) - 5 H,0 U,0AG,0 O,
OR-D (20, 23) - 5 H,0 I,
OR-D (20, 24) - 5 H,0 U,0AG,0 O,
OR-D (20, 25) - NO ,
OR-D (20, 26) - NO ,
OR-D (20, 27) - 5 H,0 I,
OR-D (20, 28) - 5 H,0 G,0 X,
OR-D (20, 29) - 5 H,0 G,0 X,0 F,
OR-D (20, 30) - 5 H,0 G,0 X,0 F,0AN,
OR-D (20, 31) - NO ,
OR-D (20, 32) - NO ,
OR-D (20, 33) - NO ,
OR-D (20, 34) - 5 H,0 I,0AQ,0AO,0AP,
OR-D (20, 35) - 5 H,0 I,0AQ,0 B,0 A,
OR-D (20, 36) - 5 H,0 G,0 W,0AJ,0AK,0 D,
OR-D (20, 37) - NO ,

ZONE # 21

OR-D (21, 1) - 0 Z,0 Y,0AI,0AH,0AG,0 O,0 N,
OR-D (21, 2) - 0AA,0 Y,0AI,0AH,0AG,0 O,0 N,
OR-D (21, 3) - 0AB,0AF,0AS,0AT,0 O,0 N,
OR-D (21, 4) - 0AD,0AE,0 P,0AT,0 O,0 N,
OR-D (21, 5) - 5AJ,0AI,0AH,0AG,0 O,0 N,
OR-D (21, 6) - 0AH,0AG,0 O,0 N,
OR-D (21, 7) - 0AG,0 O,0 N,
OR-D (21, 8) - 0 R,0 Q,0 O,0 N,
OR-D (21, 9) - 0 E,0AM,0 F,0 X,0 G,0 H,0 I,0 L,0 M,
OR-D (21, 10) - 0 R,0 Q,0 O,0 N,0 P,5 S,
OR-D (21, 11) - 0 Q,0 O,0 N,
OR-D (21, 12) - 0AT,0 O,0 N,
OR-D (21, 13) - 0AG,0 O,0 N,
OR-D (21, 14) - 0AH,0AG,0 O,0 N,
OR-D (21, 15) - NO ,
OR-D (21, 16) - NO ,
OR-D (21, 17) - 0 G,0 H,0 I,0 L,0 M,
OR-D (21, 18) - 0 H,0 I,0 L,0 M,5 V,
OR-D (21, 19) - 0 I,0 L,0 M,5 U,
OR-D (21, 20) - 5 H,0 I,0 L,0 M,
OR-D (21, 21) - NO ,
OR-D (21, 22) - 0 N,
OR-D (21, 23) - 0 M,0 L,
OR-D (21, 24) - 0 N,
OR-D (21, 25) - 0 M,0 J,
OR-D (21, 26) - 0 M,0 J,0 K,
OR-D (21, 27) - 0 M,0 L,
OR-D (21, 28) - 0 M,0 L,0 I,0 H,0 G,0 X,
OR-D (21, 29) - NO ,
OR-D (21, 30) - NO ,
OR-D (21, 31) - NO ,

OR-D (21, 32) - NO ,
OR-D (21, 33) - NO ,
OR-D (21, 34) - 0 M,0 L,0AQ,0AO,0AP,
OR-D (21, 35) - 0 M,0 L,0AQ,0 B,0 A,
OR-D (21, 36) - 0 M,0 L,0 J,0 H,0 G,0 X,0 F,0AM,0 E,0 D,
OR-D (21, 37) - NO ,

ZONE # 22

OR-D (22, 1) - 0 Z,0 Y,0AI,0AH,0AG,0 O,
OR-D (22, 2) - 0AA,0 Y,0AI,0AH,0AG,0 O,
OR-D (22, 3) - 0AB,0AF,0AS,0AT,0 O,
OR-D (22, 4) - 0AD,0AE,0 P,0AT,0 O,
OR-D (22, 5) - 5AJ,0AI,0AH,0AG,0 O,
OR-D (22, 6) - 0AH,0AG,0 O,
OR-D (22, 7) - 0AG,0 O,
OR-D (22, 8) - 0 R,0 Q,0 O,
OR-D (22, 9) - 0AK,0AJ,0AI,0AH,0AG,0 O,
OR-D (22, 10) - 0 R,0 Q,0 O,0 P,5 S,
OR-D (22, 11) - 0 Q,0 O,
OR-D (22, 12) - 0AT,0 O,
OR-D (22, 13) - 0AG,0 O,
OR-D (22, 14) - 0AH,0AG,0 O,
OR-D (22, 15) - 0AJ,0AI,0AH,0AG,0 O,5AK,
OR-D (22, 16) - NO ,
OR-D (22, 17) - 0 G,0 V,0AH,0AG,0 O,
OR-D (22, 18) - 5 V,0AH,0AG,0 O,
OR-D (22, 19) - 0 I,0 L,0 M,0 N,5 U,
OR-D (22, 20) - 5 H,0 U,0AG,0 O,
OR-D (22, 21) - 0 N,
OR-D (22, 22) - NO ,
OR-D (22, 23) - 0 N,0 M,0 L,
OR-D (22, 24) - NO ,
OR-D (22, 25) - 0 O,0 Q,
OR-D (22, 26) - 0 O,0 Q,0 R,
OR-D (22, 27) - 0 N,0 M,0 L,
OR-D (22, 28) - NO ,
OR-D (22, 29) - NO ,
OR-D (22, 30) - NO ,
OR-D (22, 31) - NO ,
OR-D (22, 32) - NO ,
OR-D (22, 33) - NO ,
OR-D (22, 34) - 0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (22, 35) - 0 N,0 M,0 L,0 A,0 Q,0 B,0 A,
OR-D (22, 36) - 0 O,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D (22, 37) - NO ,

ZONE # 23

OR-D (23, 1) - NO ,
OR-D (23, 2) - NO ,
OR-D (23, 3) - 0AB,0AF,0AS,0AT,0 O,0 N,0 M,0 L,
OR-D (23, 4) - 0AD,0AE,0 P,0AT,0 O,0 N,0 M,0 L,
OR-D (23, 5) - 5AJ,0AI,0 W,0 G,0 H,0 I,
OR-D (23, 6) - 0AH,0AG,0 O,0 N,0 M,0 L,
OR-D (23, 7) - 0 U,0 I,
OR-D (23, 8) - 0 R,0 Q,0 O,0 N,0 M,0 L,
OR-D (23, 9) - NO ,
OR-D (23, 10) - 0 R,0 Q,0 O,0 N,0 M,0 L,0 P,5 S,
OR-D (23, 11) - 0 Q,0 O,0 N,0 M,0 L,

OR-D (23, 12) - 0AT,0 O,0 N,0 M,0 L,
OR-D (23, 13) - 0AG,0 O,0 N,0 M,0 L,
OR-D (23, 14) - 0AH,0AG,0 O,0 N,0 M,0 L,
OR-D (23, 15) - NO ,
OR-D (23, 16) - 0 G,0 H,0 I,
OR-D (23, 17) - 0 G,0 H,0 I,
OR-D (23, 18) - 0 H,0 I,5 V,
OR-D (23, 19) - 0 I,5 U,
OR-D (23, 20) - 5 H,0 I,
OR-D (23, 21) - 0 M,0 L,
OR-D (23, 22) - 0 N,0 M,0 L,
OR-D (23, 23) - NO ,
OR-D (23, 24) - 0 L,0 M,0 N,
OR-D (23, 25) - 0 O,0 Q,
OR-D (23, 26) - 0 O,0 Q,0 R,
OR-D (23, 27) - NO ,
OR-D (23, 28) - 0 I,0 H,0 G,0 X,
OR-D (23, 29) - NO ,
OR-D (23, 30) - 0AQ,0 B,
OR-D (23, 31) - NO ,
OR-D (23, 32) - NO ,
OR-D (23, 33) - NO ,
OR-D (23, 34) - 0AQ,0AO,0AP,
OR-D (23, 35) - 0AQ,0 B,0 A,
OR-D (23, 36) - NO ,
OR-D (23, 37) - NO ,

ZONE # 24

OR-D (24, 1) - 0 Z,0 Y,0AI,0AH,0AG,0 O,
OR-D (24, 2) - 0AA,0 Y,0AI,0AH,0AG,0 O,
OR-D (24, 3) - 0AB,0AF,0AS,0AT,0 O,
OR-D (24, 4) - 0AD,0AE,0 P,0AT,0 O,
OR-D (24, 5) - NO ,
OR-D (24, 6) - 0AH,0AG,0 O,
OR-D (24, 7) - 0AG,0 O,
OR-D (24, 8) - 0 R,0 Q,0 O,
OR-D (24, 9) - 0AK,0AJ,0AI,0AH,0AG,0 O,
OR-D (24, 10) - 0 R,0 Q,0 O,0 P,5 S,
OR-D (24, 11) - 0 Q,0 O,
OR-D (24, 12) - 0AT,0 O,
OR-D (24, 13) - 0AG,0 O,
OR-D (24, 14) - 0AH,0AG,0 O,
OR-D (24, 15) - 0AJ,0AI,0AH,0AG,0 O,5AK,
OR-D (24, 16) - NO ,
OR-D (24, 17) - 0 G,0 V,0AH,0AG,0 O,
OR-D (24, 18) - 5 V,0AH,0AG,0 O,
OR-D (24, 19) - 0 I,0 L,0 M,0 N,5 U,
OR-D (24, 20) - 5 H,0 U,0AG,0 O,
OR-D (24, 21) - 0 N,
OR-D (24, 22) - NO ,
OR-D (24, 23) - 0 L,0 M,0 N,
OR-D (24, 24) - NO ,
OR-D (24, 25) - 0 O,0 Q,
OR-D (24, 26) - 0 O,0 Q,0 R,
OR-D (24, 27) - 0 N,0 M,0 L,
OR-D (24, 28) - NO ,
OR-D (24, 29) - NO ,
OR-D (24, 30) - NO ,
OR-D (24, 31) - NO ,

OR-D (24, 32) - NO ,
OR-D (24, 33) - NO ,
OR-D (24, 34) - 0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (24, 35) - 0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D (24, 36) - 0 O,0AG,0AH,0AZ,0AJ,0AK,0 D,
OR-D (24, 37) - NO ,

ZONE # 25

OR-D (25, 1) - NO ,
OR-D (25, 2) - NO ,
OR-D (25, 3) - 0AB,0AF,0AS,0AT,0 Q,
OR-D (25, 4) - NO ,
OR-D (25, 5) - NO ,
OR-D (25, 6) - NO ,
OR-D (25, 7) - 0AG,0 Q,
OR-D (25, 8) - 0 R,
OR-D (25, 9) - NO ,
OR-D (25, 10) - 0 R,5 S,
OR-D (25, 11) - NO ,
OR-D (25, 12) - 0AT,0 O,
OR-D (25, 13) - 0AG,0 Q,
OR-D (25, 14) - NO ,
OR-D (25, 15) - NO ,
OR-D (25, 16) - NO ,
OR-D (25, 17) - NO ,
OR-D (25, 18) - NO ,
OR-D (25, 19) - 0 I,0 L,0 J,5 U,
OR-D (25, 20) - NO ,
OR-D (25, 21) - 0 M,0 J,
OR-D (25, 22) - 0 O,0 Q,
OR-D (25, 23) - 0 O,0 Q,
OR-D (25, 24) - 0 O,0 Q,
OR-D (25, 25) - NO ,
OR-D (25, 26) - 5 K,5 R,
OR-D (25, 27) - 0 J,0 L,
OR-D (25, 28) - NO ,
OR-D (25, 29) - NO ,
OR-D (25, 30) - NO ,
OR-D (25, 31) - 0AO,0AQ,0 L,0 J,
OR-D (25, 32) - 0AO,0AQ,0 L,0 J,
OR-D (25, 33) - NO ,
OR-D (25, 34) - 0 J,0 L,0AQ,0AO,0AP,
OR-D (25, 35) - 0 J,0 L,0AQ,0 B,0 A,
OR-D (25, 36) - NO ,
OR-D (25, 37) - NO ,

ZONE # 26

OR-D (26, 1) - NO ,
OR-D (26, 2) - NO ,
OR-D (26, 3) - 0AB,0AF,0AS,0AT,0 Q,0 R,
OR-D (26, 4) - NO ,
OR-D (26, 5) - NO ,
OR-D (26, 6) - NO ,
OR-D (26, 7) - NO ,
OR-D (26, 8) - 5 T,
OR-D (26, 9) - NO ,
OR-D (26, 10) - 5 T,5 S,
OR-D (26, 11) - NO ,

OR-D (26, 12) - 0AT,0 Q,0 R,5 T,
OR-D (26, 13) - NO ,
OR-D (26, 14) - NO ,
OR-D (26, 15) - NO ,
OR-D (26, 16) - NO ,
OR-D (26, 17) - NO ,
OR-D (26, 18) - NO ,
OR-D (26, 19) - 0 I,0 L,0 J,0 K,5 U,
OR-D (26, 20) - NO ,
OR-D (26, 21) - 0 M,0 J,0 K,
OR-D (26, 22) - 0 O,0 Q,0 R,
OR-D (26, 23) - 0 O,0 Q,0 R,
OR-D (26, 24) - 0 O,0 Q,0 R,
OR-D (26, 25) - 5 K,5 R,
OR-D (26, 26) - NO ,
OR-D (26, 27) - 5 T,0 K,0 J,0 L,
OR-D (26, 28) - NO ,
OR-D (26, 29) - NO ,
OR-D (26, 30) - NO ,
OR-D (26, 31) - NO ,
OR-D (26, 32) - NO ,
OR-D (26, 33) - NO ,
OR-D (26, 34) - 5 T,0 K,0 J,0 L,0AQ,0AO,0AP,
OR-D (26, 35) - 5 T,0 K,0 J,0 L,0AQ,0 B,0 A,
OR-D (26, 36) - NO ,
OR-D (26, 37) - NO ,

ZONE # 27

OR-D (27, 1) - NO ,
OR-D (27, 2) - NO ,
OR-D (27, 3) - 0AB,0AF,0AS,0AT,0 O,0 N,0 M,0 L,
OR-D (27, 4) - 0AD,0AE,0 P,0 O,0 N,0 M,0 L,
OR-D (27, 5) - NO ,
OR-D (27, 6) - NO ,
OR-D (27, 7) - 0 U,0 I,
OR-D (27, 8) - 0 R,0 Q,0 O,0 N,0 M,0 L,0 P,
OR-D (27, 9) - NO ,
OR-D (27, 10) - 0 R,0 Q,0 O,0 N,0 M,0 L,0 P,
OR-D (27, 11) - 0 Q,0 O,0 N,0 M,0 L,0 P,
OR-D (27, 12) - 0AT,0 O,0 N,0 M,0 L,
OR-D (27, 13) - 0AG,0 O,0 N,0 M,0 L,
OR-D (27, 14) - NO ,
OR-D (27, 15) - NO ,
OR-D (27, 16) - NO ,
OR-D (27, 17) - 0 G,0 H,0 I,
OR-D (27, 18) - 0 H,0 I,5 V,
OR-D (27, 19) - 0 I,5 U,
OR-D (27, 20) - 5 H,0 I,
OR-D (27, 21) - 0 M,0 L,
OR-D (27, 22) - 0 N,0 M,0 L,
OR-D (27, 23) - NO ,
OR-D (27, 24) - 0 N,0 M,0 L,
OR-D (27, 25) - 0 J,0 L,
OR-D (27, 26) - 5 T,0 K,0 J,0 L,
OR-D (27, 27) - NO ,
OR-D (27, 28) - 0 I,0 H,0 G,0 X,
OR-D (27, 29) - 0 I,0 H,0 G,0 X,0 F,
OR-D (27, 30) - 0AQ,0 B,
OR-D (27, 31) - 0AQ,0AO,

OR-D (27, 32) - 0AQ,0AO,
OR-D (27, 33) - NO ,
OR-D (27, 34) - 0AQ,0AO,0AP,
OR-D (27, 35) - 0AQ,0 B,0 A,
OR-D (27, 36) - NO ,
OR-D (27, 37) - NO ,

ZONE # 28

OR-D (28, 1) - 0 Z,0 Y,0 W,0 X,
OR-D (28, 2) - 0AA,0 Y,0 W,0 X,
OR-D (28, 3) - NO ,
OR-D (28, 4) - NO ,
OR-D (28, 5) - 5AL,5AM,5 F,5 W,5 X,
OR-D (28, 6) - 0AI,0 W,0 X,
OR-D (28, 7) - 0AH,0AI,0 W,0 X,
OR-D (28, 8) - NO ,
OR-D (28, 9) - 0 E,0AM,0 F,
OR-D (28, 10) - NO ,
OR-D (28, 11) - 0 Q,0AG,0AH,0AI,0 W,0 X,
OR-D (28, 12) - NO ,
OR-D (28, 13) - 0AH,0AI,0 W,0 X,
OR-D (28, 14) - 0AI,0 W,0 X,
OR-D (28, 15) - 0AJ,0 W,0 X,5AK,
OR-D (28, 16) - 5AM,5 F,5 X,
OR-D (28, 17) - 0 X,
OR-D (28, 18) - 0 G,0 X,5 V,
OR-D (28, 19) - 0 H,0 G,0 X,5 U,
OR-D (28, 20) - 5 H,0 G,0 X,
OR-D (28, 21) - 0 M,0 L,0 I,0 H,0 G,0 X,
OR-D (28, 22) - NO ,
OR-D (28, 23) - 0 I,0 H,0 G,0 X,
OR-D (28, 24) - NO ,
OR-D (28, 25) - NO ,
OR-D (28, 26) - NO ,
OR-D (28, 27) - 0 I,0 H,0 G,0 X,
OR-D (28, 28) - NO ,
OR-D (28, 29) - 0 F,
OR-D (28, 30) - 0 F,0AN,
OR-D (28, 31) - NO ,
OR-D (28, 32) - NO ,
OR-D (28, 33) - NO ,
OR-D (28, 34) - NO ,
OR-D (28, 35) - 0 F,0AN,0 A,
OR-D (28, 36) - 0 F,0AM,0 E,0 D,
OR-D (28, 37) - NO ,

ZONE # 29

OR-D (29, 1) - 0 Z,0 Y,0 W,0 X,0 F,0AN,
OR-D (29, 2) - 0AA,0 Y,0 W,0 X,0 F,
OR-D (29, 3) - NO ,
OR-D (29, 4) - NO ,
OR-D (29, 5) - 5AL,5AM,5 W,5 X,5 F,
OR-D (29, 6) - 0AI,0 W,0 X,0 F,
OR-D (29, 7) - 0AH,0AI,0 W,0 X,0 F,
OR-D (29, 8) - NO ,
OR-D (29, 9) - 0 E,0AM,
OR-D (29, 10) - NO ,
OR-D (29, 11) - NO ,

```
OR-D ( 29, 12) -  NO ,
OR-D ( 29, 13) -  NO ,
OR-D ( 29, 14) -  0AI,0 W,0 X,0 F,
OR-D ( 29, 15) -  0AL,0AM,5AK,
OR-D ( 29, 16) -  5AM,5 X,5 F,
OR-D ( 29, 17) -  0 X,0 F,
OR-D ( 29, 18) -  0 G,0 X,0 F,5 V,
OR-D ( 29, 19) -  0 H,0 G,0 X,0 F,5 U,
OR-D ( 29, 20) -  5 H,0 G,0 X,0 F,
OR-D ( 29, 21) -  NO ,
OR-D ( 29, 22) -  NO ,
OR-D ( 29, 23) -  NO ,
OR-D ( 29, 24) -  NO ,
OR-D ( 29, 25) -  NO ,
OR-D ( 29, 26) -  NO ,
OR-D ( 29, 27) -  0 I,0 H,0 G,0 X,0 F,
OR-D ( 29, 28) -  0 F,
OR-D ( 29, 29) -  NO ,
OR-D ( 29, 30) -  0AN,
OR-D ( 29, 31) -  NO ,
OR-D ( 29, 32) -  NO ,
OR-D ( 29, 33) -  NO ,
OR-D ( 29, 34) -  NO ,
OR-D ( 29, 35) -  0AN,0 A,
OR-D ( 29, 36) -  0AM,0 E,0 D,
OR-D ( 29, 37) -  NO ,
```

ZONE # 30

```
OR-D ( 30, 1) -   0 Z,0 Y,0 W,0 X,0 F,0AN,
OR-D ( 30, 2) -   0AA,0 Y,0 W,0 X,0 F,0AN,
OR-D ( 30, 3) -   NO ,
OR-D ( 30, 4) -   NO ,
OR-D ( 30, 5) -   NO ,
OR-D ( 30, 6) -   NO ,
OR-D ( 30, 7) -   NO ,
OR-D ( 30, 8) -   NO ,
OR-D ( 30, 9) -   0 E,0AM,0AN,
OR-D ( 30, 10) -  NO ,
OR-D ( 30, 11) -  NO ,
OR-D ( 30, 12) -  NO ,
OR-D ( 30, 13) -  NO ,
OR-D ( 30, 14) -  0AI,0 W,0 X,0 F,0AN,
OR-D ( 30, 15) -  0AL,0AM,0AN,5AK,
OR-D ( 30, 16) -  5AM,5 X,5 F,0AN,
OR-D ( 30, 17) -  0 X,0 F,0AN,
OR-D ( 30, 18) -  0 G,0 X,0 F,0AN,
OR-D ( 30, 19) -  0 H,0 G,0 X,0 F,0AN,5 U,
OR-D ( 30, 20) -  5 H,0 G,0 X,0 F,0AN,
OR-D ( 30, 21) -  NO ,
OR-D ( 30, 22) -  NO ,
OR-D ( 30, 23) -  0AQ,0 B,
OR-D ( 30, 24) -  NO ,
OR-D ( 30, 25) -  NO ,
OR-D ( 30, 26) -  NO ,
OR-D ( 30, 27) -  0AQ,0 B,
OR-D ( 30, 28) -  0 F,0AN,
OR-D ( 30, 29) -  0AN,
OR-D ( 30, 30) -  NO ,
OR-D ( 30, 31) -  0AO,0 B,
```

OR-D (30, 32) - OAO,0 B,
OR-D (30, 33) - NO ,
OR-D (30, 34) - 0 B,OAO,OAP,
OR-D (30, 35) - 0 A,
OR-D (30, 36) - OAN,OAM,0 E,0 D,
OR-D (30, 37) - NO ,

ZONE # 31

OR-D (31, 1) - NO ,
OR-D (31, 2) - NO ,
OR-D (31, 3) - NO ,
OR-D (31, 4) - NO ,
OR-D (31, 5) - NO ,
OR-D (31, 6) - NO ,
OR-D (31, 7) - NO ,
OR-D (31, 8) - NO ,
OR-D (31, 9) - NO ,
OR-D (31, 10) - NO ,
OR-D (31, 11) - NO ,
OR-D (31, 12) - NO ,
OR-D (31, 13) - NO ,
OR-D (31, 14) - NO ,
OR-D (31, 15) - NO ,
OR-D (31, 16) - NO ,
OR-D (31, 17) - NO ,
OR-D (31, 18) - NO ,
OR-D (31, 19) - NO ,
OR-D (31, 20) - NO ,
OR-D (31, 21) - NO ,
OR-D (31, 22) - NO ,
OR-D (31, 23) - NO ,
OR-D (31, 24) - NO ,
OR-D (31, 25) - OAO,OAQ,0 L,0 J,
OR-D (31, 26) - NO ,
OR-D (31, 27) - OAQ,OAO,
OR-D (31, 28) - NO ,
OR-D (31, 29) - NO ,
OR-D (31, 30) - OAO,0 B,
OR-D (31, 31) - NO ,
OR-D (31, 32) - NO ,
OR-D (31, 33) - NO ,
OR-D (31, 34) - OAP,
OR-D (31, 35) - OAO,0 B,0 A,
OR-D (31, 36) - NO ,
OR-D (31, 37) - NO ,

ZONE # 32

OR-D (32, 1) - NO ,
OR-D (32, 2) - NO ,
OR-D (32, 3) - NO ,
OR-D (32, 4) - NO ,
OR-D (32, 5) - NO ,
OR-D (32, 6) - NO ,
OR-D (32, 7) - NO ,
OR-D (32, 8) - NO ,
OR-D (32, 9) - NO ,
OR-D (32, 10) - NO ,
OR-D (32, 11) - NO ,

OR-D (32, 12) - NO ,
OR-D (32, 13) - NO ,
OR-D (32, 14) - NO ,
OR-D (32, 15) - NO ,
OR-D (32, 16) - NO ,
OR-D (32, 17) - NO ,
OR-D (32, 18) - NO ,
OR-D (32, 19) - NO ,
OR-D (32, 20) - NO ,
OR-D (32, 21) - NO ,
OR-D (32, 22) - NO ,
OR-D (32, 23) - NO ,
OR-D (32, 24) - NO ,
OR-D (32, 25) - OAO,OAQ,O L,O J,
OR-D (32, 26) - NO ,
OR-D (32, 27) - OAQ,OAO,
OR-D (32, 28) - NO ,
OR-D (32, 29) - NO ,
OR-D (32, 30) - OAO,O B,
OR-D (32, 31) - NO ,
OR-D (32, 32) - NO ,
OR-D (32, 33) - NO ,
OR-D (32, 34) - OAP,
OR-D (32, 35) - OAO,O B,O A,
OR-D (32, 36) - NO ,
OR-D (32, 37) - NO ,

ZONE # 33

OR-D (33, 1) - NO ,
OR-D (33, 2) - NO ,
OR-D (33, 3) - NO ,
OR-D (33, 4) - NO ,
OR-D (33, 5) - NO ,
OR-D (33, 6) - NO ,
OR-D (33, 7) - NO ,
OR-D (33, 8) - NO ,
OR-D (33, 9) - NO ,
OR-D (33, 10) - NO ,
OR-D (33, 11) - NO ,
OR-D (33, 12) - NO ,
OR-D (33, 13) - NO ,
OR-D (33, 14) - NO ,
OR-D (33, 15) - NO ,
OR-D (33, 16) - NO ,
OR-D (33, 17) - NO ,
OR-D (33, 18) - NO ,
OR-D (33, 19) - NO ,
OR-D (33, 20) - NO ,
OR-D (33, 21) - NO ,
OR-D (33, 22) - NO ,
OR-D (33, 23) - NO ,
OR-D (33, 24) - NO ,
OR-D (33, 25) - NO ,
OR-D (33, 26) - NO ,
OR-D (33, 27) - NO ,
OR-D (33, 28) - NO ,
OR-D (33, 29) - NO ,
OR-D (33, 30) - NO ,
OR-D (33, 31) - NO ,

OR-D (33, 32) - NO ,
OR-D (33, 33) - NO ,
OR-D (33, 34) - NO ,
OR-D (33, 35) - NO ,
OR-D (33, 36) - NO ,
OR-D (33, 37) - NO ,

ZONE # 34

OR-D (34, 1) - 0 Z,0 Y,0 W,0 G,0 H,0 I,0AQ,0AO,0AP,
OR-D (34, 2) - 0AA,0 Y,0 W,0 G,0 H,0 I,0AQ,0AO,0AP,
OR-D (34, 3) - 0AB,0AF,0AS,0AT,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 4) - 0AD,0AE,0 P,0AT,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 5) - NO ,
OR-D (34, 6) - 0AH,0AG,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 7) - 0 U,0 I,0AQ,0AO,0AP,
OR-D (34, 8) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 9) - NO ,
OR-D (34, 10) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,0 P,5 S,
OR-D (34, 11) - 0 Q,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 12) - 0AT,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 13) - 0AG,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 14) - 0AH,0AG,0 O,0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 15) - NO ,
OR-D (34, 16) - NO ,
OR-D (34, 17) - 0 G,0 H,0 I,0AQ,0AO,0AP,
OR-D (34, 18) - 0 H,0 I,0AQ,0AO,0AP,5 V,
OR-D (34, 19) - 0 I,0AQ,0AO,0AP,5 U,
OR-D (34, 20) - 5 H,0 I,0AQ,0AO,0AP,
OR-D (34, 21) - 0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 22) - 0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 23) - 0AQ,0AO,0AP,
OR-D (34, 24) - 0 N,0 M,0 L,0AQ,0AO,0AP,
OR-D (34, 25) - 0 J,0 L,0AQ,0AO,0AP,
OR-D (34, 26) - 5 T,0 K,0 J,0 L,0AQ,0AO,0AP,
OR-D (34, 27) - 0AQ,0AO,0AP,
OR-D (34, 28) - NO ,
OR-D (34, 29) - NO ,
OR-D (34, 30) - 0 B,0AO,0AP,
OR-D (34, 31) - 0AP,
OR-D (34, 32) - 0AP,
OR-D (34, 33) - NO ,
OR-D (34, 34) - NO ,
OR-D (34, 35) - NO ,
OR-D (34, 36) - NO ,
OR-D (34, 37) - NO ,

ZONE # 35

OR-D (35, 1) - 0 Z,0 Y,0 W,0 X,0 F,0AN,0 A,
OR-D (35, 2) - 0AA,0 Y,0 W,0 X,0 F,0AN,0 A,
OR-D (35, 3) - 0AB,0AF,0AS,0AT,0 O,0 M,0 L,0AQ,
OR-D (35, 4) - 0AD,0AE,0 P,0AT,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D (35, 5) - 5AL,5AM,5 W,5 X,5 F,0AN,0 A,
OR-D (35, 6) - 0AI,0 W,0 X,0 F,0AN,0 A,
OR-D (35, 7) - 0AG,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D (35, 8) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D (35, 9) - 0 E,0AM,0AN,0 A,
OR-D (35, 10) - 0 R,0 Q,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,0 P,5 S,
OR-D (35, 11) - 0 Q,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,

```
OR-D ( 35, 12) -  0AT,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D ( 35, 13) -  0AG,0 O,0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D ( 35, 14) -  0AI,0 W,0 X,0 F,0AN,0 A,
OR-D ( 35, 15) -  0AL,0AM,0AN,0 A,5AK,
OR-D ( 35, 16) -  5AM,5 X,5 F,0AN,0 A,
OR-D ( 35, 17) -  0 X,0 F,0AN,0 A,
OR-D ( 35, 18) -  0 G,0 X,0 F,0AN,0 A,5 V,
OR-D ( 35, 19) -  0 I,0AQ,0 B,0 A,5 U,
OR-D ( 35, 20) -  5 H,0 I,0AQ,0 B,0 A,
OR-D ( 35, 21) -  0 M,0 L,0AQ,0 B,0 A,
OR-D ( 35, 22) -  0 N,0 M,0 L,0 A,0 Q,0 B,0 A,
OR-D ( 35, 23) -  0AQ,0 B,0 A,
OR-D ( 35, 24) -  0 N,0 M,0 L,0AQ,0 B,0 A,
OR-D ( 35, 25) -  0 J,0 L,0AQ,0 B,0 A,
OR-D ( 35, 26) -  5 T,0 K,0 J,0 L,0AQ,0 B,0 A,
OR-D ( 35, 27) -  0AQ,0 B,0 A,
OR-D ( 35, 28) -  0 F,0AN,0 A,
OR-D ( 35, 29) -  0AN,0 A,
OR-D ( 35, 30) -  0 A,
OR-D ( 35, 31) -  0AO,0 B,0 A,
OR-D ( 35, 32) -  0AO,0 B,0 A,
OR-D ( 35, 33) -  NO ,
OR-D ( 35, 34) -  NO ,
OR-D ( 35, 35) -  NO ,
OR-D ( 35, 36) -  NO ,
OR-D ( 35, 37) -  NO ,
```

ZONE # 36

```
OR-D ( 36, 1) -  0 Z,0 Y,0AJ,0AK,0 D,
OR-D ( 36, 2) -  0AA,0 Y,0AJ,0AK,0 D,
OR-D ( 36, 3) -  0AB,0AF,0AS,0AT,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 4) -  0AD,0AE,0 P,0AT,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 5) -  5AJ,0AK,0 D,
OR-D ( 36, 6) -  0AI,0AJ,0AK,0 D,
OR-D ( 36, 7) -  0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 8) -  0 R,0 Q,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 9) -  0 D,
OR-D ( 36, 10) -  0 R,0 Q,0AG,0AH,0AI,0AJ,0AK,0 D,0 P,5 S,
OR-D ( 36, 11) -  0 Q,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 12) -  0AT,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 13) -  0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 14) -  0AI,0AJ,0AK,0 D,
OR-D ( 36, 15) -  0AK,0 D,
OR-D ( 36, 16) -  5 X,5 F,5AM,0 E,0 D,
OR-D ( 36, 17) -  0 W,0AJ,0AK,0 D,
OR-D ( 36, 18) -  0 G,0 W,0AJ,0AK,0 D,5 V,
OR-D ( 36, 19) -  0 H,0 G,0 W,0AJ,0AK,0 D,5 U,
OR-D ( 36, 20) -  5 H,0 G,0 W,0AJ,0AK,0 D,
OR-D ( 36, 21) -  0 M,0 L,0 J,0 H,0 G,0 X,0 F,0AM,0 E,0 D,
OR-D ( 36, 22) -  0 O,0AG,0AH,0AI,0AJ,0AK,0 D,
OR-D ( 36, 23) -  NO ,
OR-D ( 36, 24) -  0 O,0AG,0AH,0AZ,0AJ,0AK,0 D,
OR-D ( 36, 25) -  NO ,
OR-D ( 36, 26) -  NO ,
OR-D ( 36, 27) -  NO ,
OR-D ( 36, 28) -  0 F,0AM,0 E,0 D,
OR-D ( 36, 29) -  0AM,0 E,0 D,
OR-D ( 36, 30) -  0AN,0AM,0 E,0 D,
OR-D ( 36, 31) -  NO ,
```

OR-D (36, 32) - NO ,
OR-D (36, 33) - NO ,
OR-D (36, 34) - NO ,
OR-D (36, 35) - NO ,
OR-D (36, 36) - NO ,
OR-D (36, 37) - NO ,

ZONE # 37

OR-D (37, 1) - NO ,
OR-D (37, 2) - NO ,
OR-D (37, 3) - NO ,
OR-D (37, 4) - NO ,
OR-D (37, 5) - NO ,
OR-D (37, 6) - NO ,
OR-D (37, 7) - NO ,
OR-D (37, 8) - NO ,
OR-D (37, 9) - NO ,
OR-D (37, 10) - NO ,
OR-D (37, 11) - NO ,
OR-D (37, 12) - NO ,
OR-D (37, 13) - NO ,
OR-D (37, 14) - NO ,
OR-D (37, 15) - NO ,
OR-D (37, 16) - NO ,
OR-D (37, 17) - NO ,
OR-D (37, 18) - NO ,
OR-D (37, 19) - NO ,
OR-D (37, 20) - NO ,
OR-D (37, 21) - NO ,
OR-D (37, 22) - NO ,
OR-D (37, 23) - NO ,
OR-D (37, 24) - NO ,
OR-D (37, 25) - NO ,
OR-D (37, 26) - NO ,
OR-D (37, 27) - NO ,
OR-D (37, 28) - NO ,
OR-D (37, 29) - NO ,
OR-D (37, 30) - NO ,
OR-D (37, 31) - NO ,
OR-D (37, 32) - NO ,
OR-D (37, 33) - NO ,
OR-D (37, 34) - NO ,
OR-D (37, 35) - NO ,
OR-D (37, 36) - NO ,
OR-D (37, 37) - NO ,

FILE NAME : STL.PTH
STL - ST. LUCIE COUNTY ZONE TO ZONE PATHS

ZONE # 1

OR-D (1, 1) - NO ,
OR-D (1, 2) - NO ,
OR-D (1, 3) - NO ,
OR-D (1, 4) - NO ,
OR-D (1, 5) - NO ,
OR-D (1, 6) - NO ,
OR-D (1, 7) - NO ,
OR-D (1, 8) - NO ,
OR-D (1, 9) - NO ,
OR-D (1, 10) - NO ,
OR-D (1, 11) - NO ,
OR-D (1, 12) - NO ,
OR-D (1, 13) - NO ,
OR-D (1, 14) - NO ,
OR-D (1, 15) - 0 B,OBM,OBL,OBB,OBA,OBR,OAB,OAA,
OR-D (1, 16) - NO ,
OR-D (1, 17) - 0 B,OBM,OBL,OBB,OBA,OBR,OAB,
OR-D (1, 18) - 0 B,OBM,OBL,OBB,OAY,
OR-D (1, 19) - 0 B,OBM,OBL,OBB,OAY,OAX,OAV,
OR-D (1, 20) - NO ,
OR-D (1, 21) - 0 B,OBM,OBL,OBB,OAY,OAX,OAV,OAQ,
OR-D (1, 22) - 0 B,OBM,OBL,OBB,OBA,OBC,OBD,
OR-D (1, 23) - 0 B,OBM,OBL,OBB,OBA,
OR-D (1, 24) - 0 B,OBM,OBL,OBB,OBA,OBC,
OR-D (1, 25) - 0 B,OBM,OBK,OBH,
OR-D (1, 26) - 0 B,OBM,OBK,OBH,OBG,
OR-D (1, 27) - NO ,
OR-D (1, 28) - NO ,
OR-D (1, 29) - NO ,
OR-D (1, 30) - NO ,
OR-D (1, 31) - NO ,
OR-D (1, 32) - NO ,
OR-D (1, 33) - 0 B,OBM,OBL,OBB,OAY,OAX,OAV,OAQ,OAT,
OR-D (1, 34) - NO ,

ZONE # 2

OR-D (2, 1) - NO ,
OR-D (2, 2) - NO ,
OR-D (2, 3) - NO ,
OR-D (2, 4) - NO ,
OR-D (2, 5) - NO ,
OR-D (2, 6) - NO ,
OR-D (2, 7) - NO ,
OR-D (2, 8) - NO ,
OR-D (2, 9) - NO ,
OR-D (2, 10) - NO ,
OR-D (2, 11) - NO ,
OR-D (2, 12) - NO ,
OR-D (2, 13) - NO ,
OR-D (2, 14) - NO ,

```
OR-D ( 2, 15) -   O D,OBN,OBB,OBA,OBR,OAB,OAA,
OR-D ( 2, 16) -   NO ,
OR-D ( 2, 17) -   O D,OBN,OBB,OBA,OBR,OAB,
OR-D ( 2, 18) -   O D,OBN,OBB,OAY,
OR-D ( 2, 19) -   O D,OBN,OBB,OAY,OAX,OAV,
OR-D ( 2, 20) -   NO ,
OR-D ( 2, 21) -   O D,OBN,OBB,OAY,OAX,OAV,
OR-D ( 2, 22) -   NO ,
OR-D ( 2, 23) -   O D,OBN,OBB,OBA,
OR-D ( 2, 24) -   O D,OBN,OBB,OBA,OBC,
OR-D ( 2, 25) -   O D,OBN,OBL,OBK,OBH,
OR-D ( 2, 26) -   O D,OBN,OBL,OBK,OBH,OBG,
OR-D ( 2, 27) -   NO ,
OR-D ( 2, 28) -   NO ,
OR-D ( 2, 29) -   NO ,
OR-D ( 2, 30) -   NO ,
OR-D ( 2, 31) -   NO ,
OR-D ( 2, 32) -   NO ,
OR-D ( 2, 33) -   O D,OBN,OBB,OAY,OAX,OAV,OAQ,OAT,
OR-D ( 2, 34) -   NO ,
```

ZONE # 3

```
OR-D ( 3, 1) -    NO ,
OR-D ( 3, 2) -    NO ,
OR-D ( 3, 3) -    NO ,
OR-D ( 3, 4) -    NO ,
OR-D ( 3, 5) -    NO ,
OR-D ( 3, 6) -    NO ,
OR-D ( 3, 7) -    NO ,
OR-D ( 3, 8) -    NO ,
OR-D ( 3, 9) -    NO ,
OR-D ( 3, 10) -   NO ,
OR-D ( 3, 11) -   NO ,
OR-D ( 3, 12) -   NO ,
OR-D ( 3, 13) -   NO ,
OR-D ( 3, 14) -   NO ,
OR-D ( 3, 15) -   O E,O D,OBN,OBB,OBA,OBR,OAB,OAA,
OR-D ( 3, 16) -   NO ,
OR-D ( 3, 17) -   O E,O D,OBN,OBB,OBA,OBR,OAB,
OR-D ( 3, 18) -   O E,O D,OBN,OBB,OAY,
OR-D ( 3, 19) -   O E,O D,OBN,OBB,OAY,OAX,OAV,
OR-D ( 3, 20) -   NO ,
OR-D ( 3, 21) -   O E,O D,OBN,OBB,OAY,OAX,OAV,
OR-D ( 3, 22) -   NO ,
OR-D ( 3, 23) -   O E,O D,OBN,OBB,OBA,
OR-D ( 3, 24) -   O E,O D,OBN,OBB,OBB,OBA,OBC,
OR-D ( 3, 25) -   O E,O D,OBN,OBL,OBK,OBH,
OR-D ( 3, 26) -   O E,O D,OBN,OBL,OBK,OBH,OBG,
OR-D ( 3, 27) -   NO ,
OR-D ( 3, 28) -   NO ,
OR-D ( 3, 29) -   NO ,
OR-D ( 3, 30) -   NO ,
OR-D ( 3, 31) -   NO ,
OR-D ( 3, 32) -   NO ,
OR-D ( 3, 33) -   O E,O D,OBN,OBB,OAY,OAX,OAV,OAX,OAQ,OAT,
OR-D ( 3, 34) -   O E,O D,OBN,OBB,OBA,OBC,OBD,OBE,OBF,
```

ZONE # 4

```
OR-D ( 4, 1) -    NO ,
OR-D ( 4, 2) -    NO ,
OR-D ( 4, 3) -    NO ,
OR-D ( 4, 4) -    NO ,
OR-D ( 4, 5) -    NO ,
OR-D ( 4, 6) -    NO ,
OR-D ( 4, 7) -    NO ,
OR-D ( 4, 8) -    NO ,
OR-D ( 4, 9) -    NO ,
OR-D ( 4, 10) -   NO ,
OR-D ( 4, 11) -   NO ,
OR-D ( 4, 12) -   NO ,
OR-D ( 4, 13) -   NO ,
OR-D ( 4, 14) -   NO ,
OR-D ( 4, 15) -   0 G,0 I,0 X,0 W,0BQ,
OR-D ( 4, 16) -   NO ,
OR-D ( 4, 17) -   0 G,0 I,0 X,0 Y,0 Z,0AG,
OR-D ( 4, 18) -   0 F,0 E,0 D,0BN,0BB,0AY,
OR-D ( 4, 19) -   0 F,0 E,0 D,0BN,0BB,0AY,0AX,0AV,
OR-D ( 4, 20) -   NO ,
OR-D ( 4, 21) -   0 F,0 E,0 D,0BN,0BB,0AY,0AX,0AV,
OR-D ( 4, 22) -   NO ,
OR-D ( 4, 23) -   0 F,0 E,0 D,0BN,0BB,0BA,
OR-D ( 4, 24) -   NO ,
OR-D ( 4, 25) -   NO ,
OR-D ( 4, 26) -   NO ,
OR-D ( 4, 27) -   NO ,
OR-D ( 4, 28) -   NO ,
OR-D ( 4, 29) -   NO ,
OR-D ( 4, 30) -   NO ,
OR-D ( 4, 31) -   NO ,
OR-D ( 4, 32) -   NO ,
OR-D ( 4, 33) -   0 G,0 J,0BO,0 K,0 U,0AT,
OR-D ( 4, 34) -   0 G,0 J,0BO,0 K,0 Q,0 S,0 T,0BT,0AL,0AP,0AR,0BE,0BF,

                                    ZONE #  5

OR-D ( 5, 1) -    NO ,
OR-D ( 5, 2) -    NO ,
OR-D ( 5, 3) -    NO ,
OR-D ( 5, 4) -    NO ,
OR-D ( 5, 5) -    NO ,
OR-D ( 5, 6) -    0AE,
OR-D ( 5, 7) -    NO ,
OR-D ( 5, 8) -    NO ,
OR-D ( 5, 9) -    NO ,
OR-D ( 5, 10) -   NO ,
OR-D ( 5, 11) -   NO ,
OR-D ( 5, 12) -   NO ,
OR-D ( 5, 13) -   0 H,
OR-D ( 5, 14) -   0 H,0 I,0 J,0BO,0 K,0 Q,
OR-D ( 5, 15) -   0 H,0 X,0 W,0BQ,
OR-D ( 5, 16) -   NO ,
OR-D ( 5, 17) -   0 H,0 X,0 Y,0 Z,0AG,
OR-D ( 5, 18) -   0 H,0 X,0 Y,0 Z,0AC,0AD,0AY,
OR-D ( 5, 19) -   0 H,0 X,0 Y,0 Z,0AG,0AB,0AV,
OR-D ( 5, 20) -   NO ,
OR-D ( 5, 21) -   0 H,0 X,0 Y,0 Z,0AG,0AB,0AV,
OR-D ( 5, 22) -   NO ,
OR-D ( 5, 23) -   0 H,0 X,0 Y,0 Z,0AG,0AB,0BR,
```

```
OR-D ( 5, 24) -   O H,O X,O Y,O Z,OAG,OAB,OBR,OBC,
OR-D ( 5, 25) -   NO ,
OR-D ( 5, 26) -   NO ,
OR-D ( 5, 27) -   NO ,
OR-D ( 5, 28) -   NO ,
OR-D ( 5, 29) -   NO ,
OR-D ( 5, 30) -   NO ,
OR-D ( 5, 31) -   NO ,
OR-D ( 5, 32) -   NO ,
OR-D ( 5, 33) -   O H,O I,O J,OBO,O K,O U,OAT,
OR-D ( 5, 34) -   O H,O X,O W,OBQ,OBS,OBT,OAR,OBE,OBF,OAL,OAP,
```

ZONE # 6

```
OR-D ( 6, 1) -    NO ,
OR-D ( 6, 2) -    NO ,
OR-D ( 6, 3) -    NO ,
OR-D ( 6, 4) -    NO ,
OR-D ( 6, 5) -    OAE,
OR-D ( 6, 6) -    NO ,
OR-D ( 6, 7) -    OAW,
OR-D ( 6, 8) -    NO ,
OR-D ( 6, 9) -    NO ,
OR-D ( 6, 10) -   NO ,
OR-D ( 6, 11) -   NO ,
OR-D ( 6, 12) -   NO ,
OR-D ( 6, 13) -   O X,
OR-D ( 6, 14) -   OAE,O H,O I,O J,OBO,O K,O Q,
OR-D ( 6, 15) -   OAE,O H,O X,O W,OBQ,
OR-D ( 6, 16) -   OAE,O H,
OR-D ( 6, 17) -   OAW,OAF,OAG,
OR-D ( 6, 18) -   OAW,OAI,OAY,
OR-D ( 6, 19) -   OAW,OAF,OAG,OAH,OAK,OAP,
OR-D ( 6, 20) -   OAW,OAF,OAG,OAH,
OR-D ( 6, 21) -   OAW,OAF,OAG,OAH,OAK,OAP,
OR-D ( 6, 22) -   NO ,
OR-D ( 6, 23) -   OAW,OAF,OAG,OAB,OBR,
OR-D ( 6, 24) -   NO ,
OR-D ( 6, 25) -   NO ,
OR-D ( 6, 26) -   NO ,
OR-D ( 6, 27) -   NO ,
OR-D ( 6, 28) -   NO ,
OR-D ( 6, 29) -   NO ,
OR-D ( 6, 30) -   NO ,
OR-D ( 6, 31) -   NO ,
OR-D ( 6, 32) -   NO ,
OR-D ( 6, 33) -   OAE,O H,O I,O J,OBO,O K,O U,OAT,
OR-D ( 6, 34) -   OAW,OAF,OAG,OAH,OAK,OAP,OAR,OBE,OBF,
```

ZONE # 7

```
OR-D ( 7, 1) -    NO ,
OR-D ( 7, 2) -    NO ,
OR-D ( 7, 3) -    NO ,
OR-D ( 7, 4) -    NO ,
OR-D ( 7, 5) -    NO ,
OR-D ( 7, 6) -    OAW,
OR-D ( 7, 7) -    NO ,
OR-D ( 7, 8) -    NO ,
OR-D ( 7, 9) -    NO ,
```

```
OR-D ( 7, 10) -   NO ,
OR-D ( 7, 11) -   NO ,
OR-D ( 7, 12) -   NO ,
OR-D ( 7, 13) -   OAF,OAC,OAD,OAZ,OBB,OBL,
OR-D ( 7, 14) -   OAF,O Z,O Y,O W,OBQ,O V,O K,O Q,
OR-D ( 7, 15) -   OAF,O Z,O Y,O W,OBQ,
OR-D ( 7, 16) -   NO ,
OR-D ( 7, 17) -   OAF,OAG,
OR-D ( 7, 18) -   OAI,OAZ,OAY,
OR-D ( 7, 19) -   OAF,OAG,OAB,OAV,
OR-D ( 7, 20) -   OAF,OAG,OAH,
OR-D ( 7, 21) -   OAF,OAG,OAB,OAV,
OR-D ( 7, 22) -   NO ,
OR-D ( 7, 23) -   OAF,OAG,OAB,OBR,
OR-D ( 7, 24) -   OAF,OAG,OAB,OBR,OBC,
OR-D ( 7, 25) -   NO ,
OR-D ( 7, 26) -   NO ,
OR-D ( 7, 27) -   NO ,
OR-D ( 7, 28) -   NO ,
OR-D ( 7, 29) -   NO ,
OR-D ( 7, 30) -   NO ,
OR-D ( 7, 31) -   NO ,
OR-D ( 7, 32) -   NO ,
OR-D ( 7, 33) -   NO ,
OR-D ( 7, 34) -   OAF,OAG,OAH,OAK,OAP,OAR,OBE,OBF,
```

ZONE # 8

```
OR-D ( 8, 1) -    NO ,
OR-D ( 8, 2) -    NO ,
OR-D ( 8, 3) -    NO ,
OR-D ( 8, 4) -    NO ,
OR-D ( 8, 5) -    NO ,
OR-D ( 8, 6) -    NO ,
OR-D ( 8, 7) -    NO ,
OR-D ( 8, 8) -    NO ,
OR-D ( 8, 9) -    NO ,
OR-D ( 8, 10) -   NO ,
OR-D ( 8, 11) -   NO ,
OR-D ( 8, 12) -   NO ,
OR-D ( 8, 13) -   NO ,
OR-D ( 8, 14) -   NO ,
OR-D ( 8, 15) -   OAZ,OAY,OAX,OAB,OAA,
OR-D ( 8, 16) -   NO ,
OR-D ( 8, 17) -   OAZ,OAY,OAX,OAB,
OR-D ( 8, 18) -   OAZ,OAY,
OR-D ( 8, 19) -   OAZ,OAY,OAX,OAV,
OR-D ( 8, 20) -   NO ,
OR-D ( 8, 21) -   OAZ,OAY,OAX,OAV,
OR-D ( 8, 22) -   NO ,
OR-D ( 8, 23) -   OAZ,OAX,OBR,
OR-D ( 8, 24) -   OAZ,OAX,OBR,OBC,
OR-D ( 8, 25) -   OAZ,OAX,OBR,OBC,OBD,OBS,
OR-D ( 8, 26) -   OAZ,OAX,OBR,OBC,OBD,OBS,OBG,
OR-D ( 8, 27) -   NO ,
OR-D ( 8, 28) -   NO ,
OR-D ( 8, 29) -   NO ,
OR-D ( 8, 30) -   NO ,
OR-D ( 8, 31) -   NO ,
OR-D ( 8, 32) -   NO ,
```

```
OR-D ( 8, 33) -   OAZ,OAY,OAX,OAV,OAQ,OAT,
OR-D ( 8, 34) -   OAZ,OBA,OBC,OBD,OBE,OBF,
```

ZONE # 9

```
OR-D ( 9, 1) -    NO ,
OR-D ( 9, 2) -    NO ,
OR-D ( 9, 3) -    NO ,
OR-D ( 9, 4) -    NO ,
OR-D ( 9, 5) -    NO ,
OR-D ( 9, 6) -    NO ,
OR-D ( 9, 7) -    NO ,
OR-D ( 9, 8) -    NO ,
OR-D ( 9, 9) -    NO ,
OR-D ( 9, 10) -   NO ,
OR-D ( 9, 11) -   NO ,
OR-D ( 9, 12) -   NO ,
OR-D ( 9, 13) -   NO ,
OR-D ( 9, 14) -   NO ,
OR-D ( 9, 15) -   NO ,
OR-D ( 9, 16) -   NO ,
OR-D ( 9, 17) -   OBK,OBL,OBB,OAD,OAC,OAG,
OR-D ( 9, 18) -   OBK,OBL,OBB,OAY,
OR-D ( 9, 19) -   OBK,OBL,OBB,OAY,OAX,OAV,
OR-D ( 9, 20) -   OBK,OBL,OBB,OAY,OAX,OAB,OAH,
OR-D ( 9, 21) -   OBK,OBL,OBB,OAY,OAX,OAV,
OR-D ( 9, 22) -   NO ,
OR-D ( 9, 23) -   OBK,OBL,OBB,OBA,
OR-D ( 9, 24) -   OBK,OBL,OBB,OBA,OBC,
OR-D ( 9, 25) -   OBH,
OR-D ( 9, 26) -   OBH,OBG,
OR-D ( 9, 27) -   NO ,
OR-D ( 9, 28) -   NO ,
OR-D ( 9, 29) -   NO ,
OR-D ( 9, 30) -   NO ,
OR-D ( 9, 31) -   NO ,
OR-D ( 9, 32) -   NO ,
OR-D ( 9, 33) -   OBH,OBS,OAS,OAT,
OR-D ( 9, 34) -   OBH,OBG,OBF,
```

ZONE # 10

```
OR-D ( 10, 1) -   NO ,
OR-D ( 10, 2) -   NO ,
OR-D ( 10, 3) -   NO ,
OR-D ( 10, 4) -   NO ,
OR-D ( 10, 5) -   NO ,
OR-D ( 10, 6) -   NO ,
OR-D ( 10, 7) -   NO ,
OR-D ( 10, 8) -   NO ,
OR-D ( 10, 9) -   NO ,
OR-D ( 10, 10) -  NO ,
OR-D ( 10, 11) -  NO ,
OR-D ( 10, 12) -  NO ,
OR-D ( 10, 13) -  O I,O X,O Y,O Z,OAC,OAD,OBB,OBL,
OR-D ( 10, 14) -  O J,OBO,O K,O Q,
OR-D ( 10, 15) -  O J,OBO,O V,
OR-D ( 10, 16) -  NO ,
OR-D ( 10, 17) -  O J,OBO,O V,OAA,
OR-D ( 10, 18) -  O I,O X,O Y,O Z,OAC,OAD,OAY,
```

```
OR-D ( 10, 19) -  0 J,0BO,0 V,0BS,0BT,0AL,0AP,
OR-D ( 10, 20) -  NO ,
OR-D ( 10, 21) -  0 J,0BO,0 V,0BS,0BT,0AL,0AP,
OR-D ( 10, 22) -  NO ,
OR-D ( 10, 23) -  0 J,0BO,0 V,0AA,0AB,0BR,
OR-D ( 10, 24) -  0 J,0BO,0 V,0AA,0AB,0BR,0BC,
OR-D ( 10, 25) -  NO ,
OR-D ( 10, 26) -  NO ,
OR-D ( 10, 27) -  NO ,
OR-D ( 10, 28) -  NO ,
OR-D ( 10, 29) -  NO ,
OR-D ( 10, 30) -  NO ,
OR-D ( 10, 31) -  0 J,0BO,0 K,0 L,
OR-D ( 10, 32) -  0 J,0BO,0 K,0 Q,0 S,0 R,
OR-D ( 10, 33) -  0 J,0BO,0 K,0 U,0AT,
OR-D ( 10, 34) -  0 J,0BO,0 K,0 Q,0 S,0 T,0BT,0AL,0AP,0AR,0BE,0BF,
```

ZONE # 11

```
OR-D ( 11, 1) -   NO ,
OR-D ( 11, 2) -   NO ,
OR-D ( 11, 3) -   NO ,
OR-D ( 11, 4) -   NO ,
OR-D ( 11, 5) -   NO ,
OR-D ( 11, 6) -   NO ,
OR-D ( 11, 7) -   NO ,
OR-D ( 11, 8) -   NO ,
OR-D ( 11, 9) -   NO ,
OR-D ( 11, 10) -  NO ,
OR-D ( 11, 11) -  NO ,
OR-D ( 11, 12) -  NO ,
OR-D ( 11, 13) -  0 V,0AA,0AB,0BR,0BA,0BB,0BL,0 N,0 M,0 O,0 P,0 Q,0 K,
OR-D ( 11, 14) -  0 K,0 Q,0 N,0 M,0 O,0 P,
OR-D ( 11, 15) -  0 V,0 N,0 M,0 O,0 P,0 Q,0 K,
OR-D ( 11, 16) -  0 N,0 M,0 O,0 P,0 Q,0 K,0 J,0 I,0BO,
OR-D ( 11, 17) -  0 V,0AA,0 N,0 M,0 O,0 P,0 K,0 Q,
OR-D ( 11, 18) -  0 V,0AA,0AB,0AX,0 N,0 M,0 O,0 P,0 Q,0 K,
OR-D ( 11, 19) -  NO ,
OR-D ( 11, 20) -  0 N,0 M,0 O,0 P,0 Q,0 K,0 V,0AA,0AH,
OR-D ( 11, 21) -  NO ,
OR-D ( 11, 22) -  NO ,
OR-D ( 11, 23) -  0 V,0AA,0AB,0BR,0 N,0 M,0 O,0 P,0 Q,0 K,
OR-D ( 11, 24) -  NO ,
OR-D ( 11, 25) -  NO ,
OR-D ( 11, 26) -  NO ,
OR-D ( 11, 27) -  NO ,
OR-D ( 11, 28) -  NO ,
OR-D ( 11, 29) -  NO ,
OR-D ( 11, 30) -  NO ,
OR-D ( 11, 31) -  NO ,
OR-D ( 11, 32) -  NO ,
OR-D ( 11, 33) -  0 N,0 M,0AT,0 O,0 P,0 Q,
OR-D ( 11, 34) -  0 N,0 M,0 S,0 T,0BT,0AL,0AP,0AR,0BE,0BF,0 O,0 P,
```

ZONE # 12

```
OR-D ( 12, 1) -   NO ,
OR-D ( 12, 2) -   NO ,
OR-D ( 12, 3) -   NO ,
OR-D ( 12, 4) -   NO ,
```

```
OR-D ( 12,-5) -  NO ,
OR-D ( 12, 6) -  NO ,
OR-D ( 12, 7) -  NO ,
OR-D ( 12, 8) -  NO ,
OR-D ( 12, 9) -  NO ,
OR-D ( 12, 10) -  NO ,
OR-D ( 12, 11) -  NO ,
OR-D ( 12, 12) -  NO ,
OR-D ( 12, 13) -  OAZ,OBB,OBL,
OR-D ( 12, 14) -  NO ,
OR-D ( 12, 15) -  OAY,OAX,OAB,OAA,
OR-D ( 12, 16) -  OAD,OAC,O Z,O Y,O X,
OR-D ( 12, 17) -  OAY,OAX,OAB,
OR-D ( 12, 18) -  OAY,
OR-D ( 12, 19) -  OAY,OAX,OAV,
OR-D ( 12, 20) -  OAD,OAC,OAG,OAH,
OR-D ( 12, 21) -  OAY,OAX,OAV,
OR-D ( 12, 22) -  NO ,
OR-D ( 12, 23) -  OAZ,OBA,
OR-D ( 12, 24) -  OAZ,OBA,OBC,
OR-D ( 12, 25) -  OAZ,OBA,OBC,OBD,OBS,
OR-D ( 12, 26) -  OAZ,OBA,OBC,OBD,OBS,OBG,
OR-D ( 12, 27) -  NO ,
OR-D ( 12, 28) -  NO ,
OR-D ( 12, 29) -  NO ,
OR-D ( 12, 30) -  NO ,
OR-D ( 12, 31) -  NO ,
OR-D ( 12, 32) -  NO ,
OR-D ( 12, 33) -  OAY,OAX,OAV,OAQ,OAT,
OR-D ( 12, 34) -  OAY,OAX,OAV,OAR,OBE,OBF,
```

ZONE # 13

```
OR-D ( 13, 1) -  NO ,
OR-D ( 13, 2) -  NO ,
OR-D ( 13, 3) -  NO ,
OR-D ( 13, 4) -  NO ,
OR-D ( 13, 5) -  O H,
OR-D ( 13, 6) -  O X,
OR-D ( 13, 7) -  OAF,OAC,OAD,OAZ,OBB,OBL,
OR-D ( 13, 8) -  NO ,
OR-D ( 13, 9) -  NO ,
OR-D ( 13, 10) -  O I,O X,O Y,O Z,OAC,OAD,OBB,OBL,
OR-D ( 13, 11) -  O V,OAA,OAB,OBR,OBA,OBB,OBL,O N,O M,O O,O P,O Q,O K,
OR-D ( 13, 12) -  OAZ,OBB,OBL,
OR-D ( 13, 13) -  NO ,
OR-D ( 13, 14) -  OBL,OBB,OBA,OBR,OAB,OAA,O V,O K,O Q,
OR-D ( 13, 15) -  OBL,OBB,OBA,OBR,OAB,OAA,
OR-D ( 13, 16) -  OBL,OBB,OAZ,OAD,OAC,O Z,O Y,O X,
OR-D ( 13, 17) -  OBL,OBB,OAZ,OAD,OAC,OAG,
OR-D ( 13, 18) -  OBL,OBB,OAZ,OAY,
OR-D ( 13, 19) -  OBL,OBB,OAZ,OAY,OAX,OAV,
OR-D ( 13, 20) -  OBL,OBB,OAZ,OAD,OAC,OAG,OAH,
OR-D ( 13, 21) -  OBL,OBB,OAZ,OAY,OAX,OAV,
OR-D ( 13, 22) -  OBL,OBB,OBA,OBC,OBD,
OR-D ( 13, 23) -  OBL,OBB,OBA,
OR-D ( 13, 24) -  OBL,OBB,OBA,OBC,
OR-D ( 13, 25) -  NO ,
OR-D ( 13, 26) -  NO ,
OR-D ( 13, 27) -  NO ,
```

OR-D (13, 28) - NO ,
OR-D (13, 29) - NO ,
OR-D (13, 30) - NO ,
OR-D (13, 31) - NO ,
OR-D (13, 32) - NO ,
OR-D (13, 33) - OBL,OBB,OAZ,OAY,OAX,OAV,OAQ,OAT,
OR-D (13, 34) - OBL,OBB,OBA,OBC,OBD,OBE,OBF,

ZONE # 14

OR-D (14, 1) - NO ,
OR-D (14, 2) - NO ,
OR-D (14, 3) - NO ,
OR-D (14, 4) - NO ,
OR-D (14, 5) - O H,O I,O J,OBO,O K,O Q,
OR-D (14, 6) - OAE,O H,O I,O J,OBO,O K,O Q,
OR-D (14, 7) - OAF,O Z,O Y,O W,OBQ,O V,O K,O Q,
OR-D (14, 8) - NO ,
OR-D (14, 9) - NO ,
OR-D (14, 10) - O J,OBO,O K,O Q,
OR-D (14, 11) - O K,O Q,O N,O M,O O,O P,
OR-D (14, 12) - NO ,
OR-D (14, 13) - OBL,OBB,OBA,OBR,OAB,OAA,O V,O K,O Q,
OR-D (14, 14) - NO ,
OR-D (14, 15) - OAX,OAB,OAA,O V,O K,O Q,
OR-D (14, 16) - O I,O J,OBO,O K,O Q,
OR-D (14, 17) - OAA,O V,O K,O Q,
OR-D (14, 18) - O Q,O K,O V,OAA,OAB,OAX,
OR-D (14, 19) - O Q,O K,O V,OBS,OBT,OAL,OAP,
OR-D (14, 20) - O S,O T,OBT,OAL,OAK,
OR-D (14, 21) - O S,O T,OBT,OAL,OAP,
OR-D (14, 22) - NO ,
OR-D (14, 23) - O Q,O K,O V,OAA,OAB,OBR,
OR-D (14, 24) - O Q,O K,O V,OAA,OAB,OBR,OBL,
OR-D (14, 25) - NO ,
OR-D (14, 26) - NO ,
OR-D (14, 27) - NO ,
OR-D (14, 28) - NO ,
OR-D (14, 29) - NO ,
OR-D (14, 30) - NO ,
OR-D (14, 31) - NO ,
OR-D (14, 32) - NO ,
OR-D (14, 33) - O Q,O U,OAT,
OR-D (14, 34) - O S,O T,OBT,OAL,OAP,OAR,OBE,OBF,

ZONE # 15

OR-D (15, 1) - O B,OBM,OBL,OBB,OBA,OBR,OAB,OAA,
OR-D (15, 2) - O D,OBN,OBB,OBA,OBR,OAB,OAA,
OR-D (15, 3) - O E,O D,OBN,OBB,OBA,OBR,OAB,OAA,
OR-D (15, 4) - O G,O I,O X,O W,OBQ,
OR-D (15, 5) - O H,O X,O W,OBQ,
OR-D (15, 6) - OAE,O H,O X,O W,OBQ,
OR-D (15, 7) - OAF,O Z,O Y,O W,OBQ,
OR-D (15, 8) - OAZ,OAY,OAX,OAB,OAA,
OR-D (15, 9) - NO ,
OR-D (15, 10) - O J,OBO,O V,
OR-D (15, 11) - O V,O N,O M,O O,O P,O Q,O K,
OR-D (15, 12) - OAY,OAX,OAB,OAA,
OR-D (15, 13) - OBL,OBB,OBA,OBR,OAB,OAA,

```
OR-D ( 15, 14) -  OAX,OAB,OAA,O V,O K,O Q,
OR-D ( 15, 15) -  NO ,
OR-D ( 15, 16) -  OBQ,O W,O X,
OR-D ( 15, 17) -  OAA,
OR-D ( 15, 18) -  OAA,OAB,OAX,
OR-D ( 15, 19) -  OAA,OAB,OAV,
OR-D ( 15, 20) -  OAA,OAH,
OR-D ( 15, 21) -  OAA,OAB,OAV,OAQ,
OR-D ( 15, 22) -  NO ,
OR-D ( 15, 23) -  OAA,OAB,OBR,
OR-D ( 15, 24) -  OAA,OAB,OBR,OBC,
OR-D ( 15, 25) -  OAA,OAB,OBR,OBC,OBD,OBS,
OR-D ( 15, 26) -  OBS,OBT,OAL,OAP,OAR,OBE,
OR-D ( 15, 27) -  NO ,
OR-D ( 15, 28) -  NO ,
OR-D ( 15, 29) -  NO ,
OR-D ( 15, 30) -  NO ,
OR-D ( 15, 31) -  NO ,
OR-D ( 15, 32) -  NO ,
OR-D ( 15, 33) -  O V,O K,O U,OAT,
OR-D ( 15, 34) -  OBS,OBT,OAL,OAP,OAR,OBE,OBF,
```

ZONE # 16

```
OR-D ( 16, 1) -   NO ,
OR-D ( 16, 2) -   NO ,
OR-D ( 16, 3) -   NO ,
OR-D ( 16, 4) -   NO ,
OR-D ( 16, 5) -   NO ,
OR-D ( 16, 6) -   OAE,O H,
OR-D ( 16, 7) -   NO ,
OR-D ( 16, 8) -   NO ,
OR-D ( 16, 9) -   NO ,
OR-D ( 16, 10) -  NO ,
OR-D ( 16, 11) -  O N,O M,O O,O P,O Q,O K,O J,O I,OBO,
OR-D ( 16, 12) -  OAD,OAC,O Z,O Y,O X,
OR-D ( 16, 13) -  OBL,OBB,OAZ,OAD,OAC,O Z,O Y,O X,
OR-D ( 16, 14) -  O I,O J,OBO,O K,O Q,
OR-D ( 16, 15) -  OBQ,O W,O X,
OR-D ( 16, 16) -  NO ,
OR-D ( 16, 17) -  O X,O W,OBQ,OAA,
OR-D ( 16, 18) -  O X,O W,OBQ,OAA,OAB,OAX,
OR-D ( 16, 19) -  O X,O Y,O Z,OAG,OAH,OAK,OAP,
OR-D ( 16, 20) -  O X,O Y,O Z,OAG,OAH,
OR-D ( 16, 21) -  NO ,
OR-D ( 16, 22) -  NO ,
OR-D ( 16, 23) -  NO ,
OR-D ( 16, 24) -  NO ,
OR-D ( 16, 25) -  NO ,
OR-D ( 16, 26) -  NO ,
OR-D ( 16, 27) -  NO ,
OR-D ( 16, 28) -  O X,O Y,O Z,OAG,OAH,OAK,OAN,
OR-D ( 16, 29) -  NO ,
OR-D ( 16, 30) -  NO ,
OR-D ( 16, 31) -  NO ,
OR-D ( 16, 32) -  NO ,
OR-D ( 16, 33) -  O I,O J,OBO,O K,O U,OAT,
OR-D ( 16, 34) -  O X,O W,OBQ,OBS,OBT,OAL,OAP,OAR,OBE,OBF,
```

ZONE # 17

```
OR-D ( 17, 1) -   O B,OBM,OBL,OBB,OBA,OBR,OAB,
OR-D ( 17, 2) -   O D,OBN,OBB,OBA,OBR,OAB,
OR-D ( 17, 3) -   O E,O D,OBN,OBB,OBA,OBR,OAB,
OR-D ( 17, 4) -   O G,O I,O X,O Y,O Z,OAG,
OR-D ( 17, 5) -   O H,O X,O Y,O Z,OAG,
OR-D ( 17, 6) -   OAW,OAF,OAG,
OR-D ( 17, 7) -   OAF,OAG,
OR-D ( 17, 8) -   OAZ,OAY,OAX,OAB,
OR-D ( 17, 9) -   OBK,OBL,OBB,OAD,OAC,OAG,
OR-D ( 17, 10) -  O J,OBO,O V,OAA,
OR-D ( 17, 11) -  O V,OAA,O N,O M,O O,O P,O K,O Q,
OR-D ( 17, 12) -  OAY,OAX,OAB,
OR-D ( 17, 13) -  OBL,OBB,OAZ,OAD,OAC,OAG,
OR-D ( 17, 14) -  OAA,O V,O K,O Q,
OR-D ( 17, 15) -  OAA,
OR-D ( 17, 16) -  O X,O W,OBQ,OAA,
OR-D ( 17, 17) -  NO ,
OR-D ( 17, 18) -  OAB,OAX,
OR-D ( 17, 19) -  OAH,OAK,OAP,
OR-D ( 17, 20) -  OAH,
OR-D ( 17, 21) -  OAH,OAK,OAP,
OR-D ( 17, 22) -  OAH,OAK,OAP,OAR,
OR-D ( 17, 23) -  OAB,OBR,
OR-D ( 17, 24) -  OAB,OBR,OBC,
OR-D ( 17, 25) -  OAB,OBR,OBC,OBD,OBS,
OR-D ( 17, 26) -  OAB,OBR,OBC,OBD,OBS,OBG,
OR-D ( 17, 27) -  NO ,
OR-D ( 17, 28) -  OAH,OAK,OAN,
OR-D ( 17, 29) -  OAH,OAJ,OAM,
OR-D ( 17, 30) -  5AG,5AF,O Z,O Y,O X,O I,
OR-D ( 17, 31) -  OAA,O V,O K,O L,
OR-D ( 17, 32) -  OAH,OAK,OAL,OBT,O T,O R,
OR-D ( 17, 33) -  OAB,OAV,OAQ,OAT,
OR-D ( 17, 34) -  OAH,OAK,OAP,OAR,OBE,OBF,
```

ZONE # 18

```
OR-D ( 18, 1) -   O B,OBM,OBL,OBB,OAY,
OR-D ( 18, 2) -   O D,OBN,OBB,OAY,
OR-D ( 18, 3) -   O E,O D,OBN,OBB,OAY,
OR-D ( 18, 4) -   O F,O E,O D,OBN,OBB,OAY,
OR-D ( 18, 5) -   O H,O X,O Y,O Z,OAC,OAD,OAY,
OR-D ( 18, 6) -   OAW,OAI,OAY,
OR-D ( 18, 7) -   OAI,OAZ,OAY,
OR-D ( 18, 8) -   OAZ,OAY,
OR-D ( 18, 9) -   OBK,OBL,OBB,OAY,
OR-D ( 18, 10) -  O I,O X,O Y,O Z,OAC,OAD,OAY,
OR-D ( 18, 11) -  O V,OAA,OAB,OAX,O N,O M,O O,O P,O Q,O K,
OR-D ( 18, 12) -  OAY,
OR-D ( 18, 13) -  OBL,OBB,OAZ,OAY,
OR-D ( 18, 14) -  O Q,O K,O V,OAA,OAB,OAX,
OR-D ( 18, 15) -  OAA,OAB,OAX,
OR-D ( 18, 16) -  O X,O W,OBQ,OAA,OAB,OAX,
OR-D ( 18, 17) -  OAB,OAX,
OR-D ( 18, 18) -  NO ,
OR-D ( 18, 19) -  OAX,OAV,
OR-D ( 18, 20) -  OAX,OAV,OAP,OAK,
OR-D ( 18, 21) -  OAX,OAV,
OR-D ( 18, 22) -  OAX,OBR,OBC,OBD,
```

OR-D (18, 23) - OAX,OBR,
OR-D (18, 24) - OAX,OBR,OBC,
OR-D (18, 25) - OAX,OBR,OBC,OBD,OBS,
OR-D (18, 26) - OAX,OBR,OBC,OBD,OBE,
OR-D (18, 27) - OAX,OBR,OBC,OBD,OAU,
OR-D (18, 28) - OAX,OAV,OAQ,OAO,
OR-D (18, 29) - OAX,OAB,OAH,OAJ,OAM,
OR-D (18, 30) - OAY,OAD,OAC,O Z,O Y,O X,O I,
OR-D (18, 31) - OAX,OAV,OAQ,O U,O L,
OR-D (18, 32) - OAX,OAV,OAP,OAL,OBT,O T,O R,
OR-D (18, 33) - OAX,OAV,OAQ,OAT,
OR-D (18, 34) - OAX,OBR,OBC,OBD,OBE,OBF,

ZONE # 19

OR-D (19, 1) - O B,OBM,OBL,OBB,OAY,OAX,OAV,
OR-D (19, 2) - O D,OBN,OBB,OAY,OAX,OAV,
OR-D (19, 3) - O E,O D,OBN,OBB,OAY,OAX,OAV,
OR-D (19, 4) - O F,O E,O D,OBN,OBB,OAY,OAX,OAV,
OR-D (19, 5) - O H,O X,O Y,O Z,OAG,OAB,OAV,
OR-D (19, 6) - OAW,OAF,OAG,OAH,OAK,OAP,
OR-D (19, 7) - OAF,OAG,OAB,OAV,
OR-D (19, 8) - OAZ,OAY,OAX,OAV,
OR-D (19, 9) - OBK,OBL,OBB,OAY,OAX,OAV,
OR-D (19, 10) - O J,OBO,O V,OBS,OBT,OAL,OAP,
OR-D (19, 11) - NO ,
OR-D (19, 12) - OAY,OAX,OAV,
OR-D (19, 13) - OBL,OBB,OAZ,OAY,OAX,OAV,
OR-D (19, 14) - O Q,O K,O V,OBS,OBT,OAL,OAP,
OR-D (19, 15) - OAA,OAB,OAV,
OR-D (19, 16) - O X,O Y,O Z,OAG,OAH,OAK,OAP,
OR-D (19, 17) - OAH,OAK,OAP,
OR-D (19, 18) - OAX,OAV,
OR-D (19, 19) - NO ,
OR-D (19, 20) - OAP,OAK,
OR-D (19, 21) - NO ,
OR-D (19, 22) - OAR,
OR-D (19, 23) - OAV,OBR,
OR-D (19, 24) - OAR,OBD,
OR-D (19, 25) - OAR,OBS,
OR-D (19, 26) - OAR,OBE,
OR-D (19, 27) - OAR,OAV,
OR-D (19, 28) - OAQ,OAO,
OR-D (19, 29) - OAP,OAJ,OAM,OAK,
OR-D (19, 30) - NO ,
OR-D (19, 31) - OAQ,O U,O L,
OR-D (19, 32) - OAP,OAL,OBT,O T,O R,
OR-D (19, 33) - OAQ,OAT,
OR-D (19, 34) - OAR,OBE,OBF,

ZONE # 20

OR-D (20, 1) - NO ,
OR-D (20, 2) - NO ,
OR-D (20, 3) - NO ,
OR-D (20, 4) - NO ,
OR-D (20, 5) - NO ,
OR-D (20, 6) - OAW,OAF,OAG,OAH,
OR-D (20, 7) - OAF,OAG,OAH,
OR-D (20, 8) - NO ,

```
OR-D ( 20,  9) -   OBK,OBL,OBB,OAY,OAX,OAB,OAH,
OR-D ( 20, 10) -  NO ,
OR-D ( 20, 11) -  O N,O M,O O,O P,O Q,O K,O V,OAA,OAH,
OR-D ( 20, 12) -  OAD,OAC,OAG,OAH,
OR-D ( 20, 13) -  OBL,OBB,OAZ,OAD,OAC,OAG,OAH,
OR-D ( 20, 14) -  O S,O T,OBT,OAL,OAK,
OR-D ( 20, 15) -  OAA,OAH,
OR-D ( 20, 16) -  O X,O Y,O Z,OAG,OAH,
OR-D ( 20, 17) -  OAH,
OR-D ( 20, 18) -  OAX,OAV,OAP,OAK,
OR-D ( 20, 19) -  OAP,OAK,
OR-D ( 20, 20) -  NO ,
OR-D ( 20, 21) -  OAK,OAP,
OR-D ( 20, 22) -  OAP,OAR,OAV,OAK,OAP,OAR,
OR-D ( 20, 23) -  OAK,OAP,OAV,OBR,
OR-D ( 20, 24) -  OAK,OAP,OAR,OBD,
OR-D ( 20, 25) -  OAK,OAP,OAR,OBS,
OR-D ( 20, 26) -  OAK,OAP,OAR,OBE,
OR-D ( 20, 27) -  OAU,OAS,OAQ,
OR-D ( 20, 28) -  OAO,OAQ,
OR-D ( 20, 29) -  OAM,OAJ,
OR-D ( 20, 30) -  NO ,
OR-D ( 20, 31) -  NO ,
OR-D ( 20, 32) -  NO ,
OR-D ( 20, 33) -  OAQ,OAT,
OR-D ( 20, 34) -  OAP,OAR,OBE,OBF,
```

ZONE # 21

```
OR-D ( 21,  1) -   O B,OBM,OBL,OBB,OAY,OAX,OAV,OAQ,
OR-D ( 21,  2) -   O D,OBN,OBB,OAY,OAX,OAV,
OR-D ( 21,  3) -   O E,O D,OBN,OBB,OAY,OAX,OAV,
OR-D ( 21,  4) -   O F,O E,O D,OBN,OBB,OAY,OAX,OAV,
OR-D ( 21,  5) -   O H,O X,O Y,O Z,OAG,OAB,OAV,
OR-D ( 21,  6) -   OAW,OAF,OAG,OAH,OAK,OAP,
OR-D ( 21,  7) -   OAF,OAG,OAB,OAV,
OR-D ( 21,  8) -   OAZ,OAY,OAX,OAV,
OR-D ( 21,  9) -   OBK,OBL,OBB,OAY,OAX,OAV,
OR-D ( 21, 10) -   O J,OBO,O V,OBS,OBT,OAL,OAP,
OR-D ( 21, 11) -   NO ,
OR-D ( 21, 12) -   OAY,OAX,OAV,
OR-D ( 21, 13) -   OBL,OBB,OAZ,OAY,OAX,OAV,
OR-D ( 21, 14) -   O S,O T,OBT,OAL,OAP,
OR-D ( 21, 15) -   OAA,OAB,OAV,OAQ,
OR-D ( 21, 16) -   NO ,
OR-D ( 21, 17) -   OAH,OAK,OAP,
OR-D ( 21, 18) -   OAX,OAV,
OR-D ( 21, 19) -   NO ,
OR-D ( 21, 20) -   OAK,OAP,
OR-D ( 21, 21) -   NO ,
OR-D ( 21, 22) -   OAR,
OR-D ( 21, 23) -   OAV,OBR,
OR-D ( 21, 24) -   OAR,OBD,
OR-D ( 21, 25) -   OAR,OBS,
OR-D ( 21, 26) -   OAR,OBE,
OR-D ( 21, 27) -   OAR,OAU,
OR-D ( 21, 28) -   OAQ,OAU,
OR-D ( 21, 29) -   OAP,OAJ,OAM,OAK,
OR-D ( 21, 30) -   OAP,OAK,OAH,OAG,O Z,O Y,O X,O I,
OR-D ( 21, 31) -   OAQ,O U,O L,
```

OR-D (21, 32) - OAP,OAL,OBT,O T,O R,
OR-D (21, 33) - OAQ,OAT,
OR-D (21, 34) - OAR,OBE,OBF,

ZONE # 22

OR-D (22, 1) - O B,OBM,OBL,OBB,OBA,OBC,OBD,
OR-D (22, 2) - NO ,
OR-D (22, 3) - NO ,
OR-D (22, 4) - NO ,
OR-D (22, 5) - NO ,
OR-D (22, 6) - NO ,
OR-D (22, 7) - NO ,
OR-D (22, 8) - NO ,
OR-D (22, 9) - NO ,
OR-D (22, 10) - NO ,
OR-D (22, 11) - NO ,
OR-D (22, 12) - NO ,
OR-D (22, 13) - OBL,OBB,OBA,OBC,OBD,
OR-D (22, 14) - NO ,
OR-D (22, 15) - NO ,
OR-D (22, 16) - NO ,
OR-D (22, 17) - OAH,OAK,OAP,OAR,
OR-D (22, 18) - OAX,OBR,OBC,OBD,
OR-D (22, 19) - OAR,
OR-D (22, 20) - OAP,OAR,OAV,OAK,OAP,OAR,
OR-D (22, 21) - OAR,
OR-D (22, 22) - NO ,
OR-D (22, 23) - OBD,OBC,
OR-D (22, 24) - OBD,
OR-D (22, 25) - OBS,
OR-D (22, 26) - OBE,
OR-D (22, 27) - OAU,
OR-D (22, 28) - OAS,OAO,
OR-D (22, 29) - OAR,OAP,OAJ,OAM,OAK,
OR-D (22, 30) - OAR,OAP,OAK,OAH,OAG,O Z,O Y,O X,O I,
OR-D (22, 31) - OAR,OAQ,O U,O L,
OR-D (22, 32) - OAR,OAP,OAL,OBT,O T,O R,
OR-D (22, 33) - OAS,OAT,
OR-D (22, 34) - OBE,OBF,

ZONE # 23

OR-D (23, 1) - O B,OBM,OBL,OBB,OBA,
OR-D (23, 2) - O D,OBN,OBB,OBA,
OR-D (23, 3) - O E,O D,OBN,OBB,OBA,
OR-D (23, 4) - O F,O E,O D,OBN,OBB,OBA,
OR-D (23, 5) - O H,O X,O Y,O Z,OAG,OAB,OBR,
OR-D (23, 6) - OAW,OAF,OAG,OAB,OBR,
OR-D (23, 7) - OAF,OAG,OAB,OBR,
OR-D (23, 8) - OAZ,OAX,OBR,
OR-D (23, 9) - OBK,OBL,OBB,OBA,
OR-D (23, 10) - O J,OBO,O V,OAA,OAB,OBR,
OR-D (23, 11) - O V,OAA,OAB,OBR,O N,O M,O O,O P,O Q,O K,
OR-D (23, 12) - OAZ,OBA,
OR-D (23, 13) - OBL,OBB,OBA,
OR-D (23, 14) - O Q,O K,O V,OAA,OAB,OBR,
OR-D (23, 15) - OAA,OAB,OBR,
OR-D (23, 16) - NO ,
OR-D (23, 17) - OAB,OBR,

```
OR-D ( 23, 18) -  OAX,OBR,
OR-D ( 23, 19) -  OAV,OBR,
OR-D ( 23, 20) -  OAK,OAP,OAV,OBR,
OR-D ( 23, 21) -  OAV,OBR,
OR-D ( 23, 22) -  OBD,OBC,
OR-D ( 23, 23) -  NO ,
OR-D ( 23, 24) -  OBC,
OR-D ( 23, 25) -  OBC,OBD,OBS,
OR-D ( 23, 26) -  OBC,OBD,OBE,
OR-D ( 23, 27) -  OBC,OBD,OAU,
OR-D ( 23, 28) -  OBR,OAV,OAQ,OAO,
OR-D ( 23, 29) -  OBR,OAB,OAH,OAJ,OAM,
OR-D ( 23, 30) -  OBA,OAD,OAC,O Z,O Y,O X,O I,
OR-D ( 23, 31) -  OBR,OAV,OAQ,O U,O L,
OR-D ( 23, 32) -  OBC,OBD,OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 23, 33) -  OBR,OAV,OAQ,OAT,
OR-D ( 23, 34) -  OBC,OBD,OBE,OBF,
```

ZONE # 24

```
OR-D ( 24, 1) -   O B,OBM,OBL,OBB,OBA,OBC,
OR-D ( 24, 2) -   O D,OBN,OBB,OBA,OBC,
OR-D ( 24, 3) -   O E,O D,OBN,OBB,OBB,OBA,OBC,
OR-D ( 24, 4) -   NO ,
OR-D ( 24, 5) -   O H,O X,O Y,O Z,OAG,OAB,OBR,OBC,
OR-D ( 24, 6) -   NO ,
OR-D ( 24, 7) -   OAF,OAG,OAB,OBR,OBC,
OR-D ( 24, 8) -   OAZ,OAX,OBR,OBC,
OR-D ( 24, 9) -   OBK,OBL,OBB,OBA,OBC,
OR-D ( 24, 10) -  O J,OBO,O V,OAA,OAB,OBR,OBC,
OR-D ( 24, 11) -  NO ,
OR-D ( 24, 12) -  OAZ,OBA,OBC,
OR-D ( 24, 13) -  OBL,OBB,OBA,OBC,
OR-D ( 24, 14) -  O Q,O K,O V,OAA,OAB,OBR,OBL,
OR-D ( 24, 15) -  OAA,OAB,OBR,OBC,
OR-D ( 24, 16) -  NO ,
OR-D ( 24, 17) -  OAB,OBR,OBC,
OR-D ( 24, 18) -  OAX,OBR,OBC,
OR-D ( 24, 19) -  OAR,OBD,
OR-D ( 24, 20) -  OAK,OAP,OAR,OBD,
OR-D ( 24, 21) -  OAR,OBD,
OR-D ( 24, 22) -  OBD,
OR-D ( 24, 23) -  OBC,
OR-D ( 24, 24) -  NO ,
OR-D ( 24, 25) -  OBD,OBS,
OR-D ( 24, 26) -  OBD,OBS,OBG,
OR-D ( 24, 27) -  OBD,OAU,
OR-D ( 24, 28) -  OBD,OAS,OAO,
OR-D ( 24, 29) -  OBD,OAR,OAP,OAJ,OAM,OAK,
OR-D ( 24, 30) -  OBC,OBR,OAB,OAG,O Z,O Y,O X,O I,
OR-D ( 24, 31) -  OBD,OAS,O U,O L,
OR-D ( 24, 32) -  OBD,OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 24, 33) -  OBD,OAS,OAT,
OR-D ( 24, 34) -  OBD,OBE,OBF,
```

ZONE # 25

```
OR-D ( 25, 1) -   O B,OBM,OBK,OBH,
OR-D ( 25, 2) -   O D,OBN,OBL,OBK,OBH,
OR-D ( 25, 3) -   O E,O D,OBN,OBL,OBK,OBH,
```

```
OR-D ( 25, 4) -   NO ,
OR-D ( 25, 5) -   NO ,
OR-D ( 25, 6) -   NO ,
OR-D ( 25, 7) -   NO ,
OR-D ( 25, 8) -   OAZ,OAX,OBR,OBC,OBD,OBS,
OR-D ( 25, 9) -   OBH,
OR-D ( 25, 10) -  NO ,
OR-D ( 25, 11) -  NO ,
OR-D ( 25, 12) -  OAZ,OBA,OBC,OBD,OBS,
OR-D ( 25, 13) -  NO ,
OR-D ( 25, 14) -  NO ,
OR-D ( 25, 15) -  OAA,OAB,OBR,OBC,OBD,OBS,
OR-D ( 25, 16) -  NO ,
OR-D ( 25, 17) -  OAB,OBR,OBC,OBD,OBS,
OR-D ( 25, 18) -  OAX,OBR,OBC,OBD,OBS,
OR-D ( 25, 19) -  OAR,OBS,
OR-D ( 25, 20) -  OAK,OAP,OAR,OBS,
OR-D ( 25, 21) -  OAR,OBS,
OR-D ( 25, 22) -  OBS,
OR-D ( 25, 23) -  OBC,OBD,OBS,
OR-D ( 25, 24) -  OBD,OBS,
OR-D ( 25, 25) -  NO ,
OR-D ( 25, 26) -  OBG,
OR-D ( 25, 27) -  OBS,OAU,
OR-D ( 25, 28) -  OBS,OAS,OAO,
OR-D ( 25, 29) -  OBS,OAR,OAP,OAJ,OAM,OAK,
OR-D ( 25, 30) -  NO ,
OR-D ( 25, 31) -  OBS,OAS,O U,O L,
OR-D ( 25, 32) -  OBS,OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 25, 33) -  OBS,OAS,OAT,
OR-D ( 25, 34) -  OBG,OBF,
```

ZONE # 26

```
OR-D ( 26, 1) -   O B,OBM,OBK,OBH,OBG,
OR-D ( 26, 2) -   O D,OBN,OBL,OBK,OBH,OBG,
OR-D ( 26, 3) -   O E,O D,OBN,OBL,OBK,OBH,OBG,
OR-D ( 26, 4) -   NO ,
OR-D ( 26, 5) -   NO ,
OR-D ( 26, 6) -   NO ,
OR-D ( 26, 7) -   NO ,
OR-D ( 26, 8) -   OAZ,OAX,OBR,OBC,OBD,OBS,OBG,
OR-D ( 26, 9) -   OBH,OBG,
OR-D ( 26, 10) -  NO ,
OR-D ( 26, 11) -  NO ,
OR-D ( 26, 12) -  OAZ,OBA,OBC,OBD,OBS,OBG,
OR-D ( 26, 13) -  NO ,
OR-D ( 26, 14) -  NO ,
OR-D ( 26, 15) -  OBS,OBT,OAL,OAP,OAR,OBE,
OR-D ( 26, 16) -  NO ,
OR-D ( 26, 17) -  OAB,OBR,OBC,OBD,OBS,OBG,
OR-D ( 26, 18) -  OAX,OBR,OBC,OBD,OBE,
OR-D ( 26, 19) -  OAR,OBE,
OR-D ( 26, 20) -  OAK,OAP,OAR,OBE,
OR-D ( 26, 21) -  OAR,OBE,
OR-D ( 26, 22) -  OBE,
OR-D ( 26, 23) -  OBC,OBD,OBE,
OR-D ( 26, 24) -  OBD,OBS,OBG,
OR-D ( 26, 25) -  OBG,
OR-D ( 26, 26) -  NO ,
```

OR-D (26, 27) - OBE,OAU,
OR-D (26, 28) - OBE,OAS,OAO,
OR-D (26, 29) - OBE,OAR,OAP,OAJ,OAM,OAK,
OR-D (26, 30) - NO ,
OR-D (26, 31) - OBE,OAS,O U,O L,
OR-D (26, 32) - OBE,OAR,OAP,OAL,OBT,O T,O R,
OR-D (26, 33) - OBE,OAS,OAT,
OR-D (26, 34) - OBF,

ZONE # 27

OR-D (27, 1) - NO ,
OR-D (27, 2) - NO ,
OR-D (27, 3) - NO ,
OR-D (27, 4) - NO ,
OR-D (27, 5) - NO ,
OR-D (27, 6) - NO ,
OR-D (27, 7) - NO ,
OR-D (27, 8) - NO ,
OR-D (27, 9) - NO ,
OR-D (27, 10) - NO ,
OR-D (27, 11) - NO ,
OR-D (27, 12) - NO ,
OR-D (27, 13) - NO ,
OR-D (27, 14) - NO ,
OR-D (27, 15) - NO ,
OR-D (27, 16) - NO ,
OR-D (27, 17) - NO ,
OR-D (27, 18) - OAX,OBR,OBC,OBD,OAU,
OR-D (27, 19) - OAR,OAV,
OR-D (27, 20) - OAU,OAS,OAQ,
OR-D (27, 21) - OAR,OAU,
OR-D (27, 22) - OAU,
OR-D (27, 23) - OBC,OBD,OAU,
OR-D (27, 24) - OBD,OAU,
OR-D (27, 25) - OBS,OAU,
OR-D (27, 26) - OBE,OAU,
OR-D (27, 27) - NO ,
OR-D (27, 28) - OAU,OAS,OAO,
OR-D (27, 29) - NO ,
OR-D (27, 30) - NO ,
OR-D (27, 31) - NO ,
OR-D (27, 32) - NO ,
OR-D (27, 33) - OAU,OAS,OAT,
OR-D (27, 34) - OAU,OBE,OBF,

ZONE # 28

OR-D (28, 1) - NO ,
OR-D (28, 2) - NO ,
OR-D (28, 3) - NO ,
OR-D (28, 4) - NO ,
OR-D (28, 5) - NO ,
OR-D (28, 6) - NO ,
OR-D (28, 7) - NO ,
OR-D (28, 8) - NO ,
OR-D (28, 9) - NO ,
OR-D (28, 10) - NO ,
OR-D (28, 11) - NO ,
OR-D (28, 12) - NO ,

```
OR-D ( 28,-13) -  NO ,
OR-D ( 28, 14) -  NO ,
OR-D ( 28, 15) -  NO ,
OR-D ( 28, 16) -  O X,O Y,O Z,OAG,OAH,OAK,OAN,
OR-D ( 28, 17) -  OAH,OAK,OAN,
OR-D ( 28, 18) -  OAX,OAV,OAQ,OAO,
OR-D ( 28, 19) -  OAQ,OAO,
OR-D ( 28, 20) -  OAO,OAQ,
OR-D ( 28, 21) -  OAQ,OAU,
OR-D ( 28, 22) -  OAS,OAO,
OR-D ( 28, 23) -  OBR,OAV,OAQ,OAO,
OR-D ( 28, 24) -  OBD,OAS,OAO,
OR-D ( 28, 25) -  OBS,OAS,OAO,
OR-D ( 28, 26) -  OBE,OAS,OAO,
OR-D ( 28, 27) -  OAU,OAS,OAO,
OR-D ( 28, 28) -  NO ,
OR-D ( 28, 29) -  OAN,OAJ,OAM,OAK,
OR-D ( 28, 30) -  OAN,OAK,OAH,OAG,O Z,O Y,O X,O I,
OR-D ( 28, 31) -  OAN,OAL,OBT,O T,O S,O Q,O L,
OR-D ( 28, 32) -  OAN,OAL,OBT,O T,O R,
OR-D ( 28, 33) -  OAO,OAT,
OR-D ( 28, 34) -  OAO,OAQ,OAR,OBE,OBF,
```

ZONE # 29

```
OR-D ( 29, 1) -  NO ,
OR-D ( 29, 2) -  NO ,
OR-D ( 29, 3) -  NO ,
OR-D ( 29, 4) -  NO ,
OR-D ( 29, 5) -  NO ,
OR-D ( 29, 6) -  NO ,
OR-D ( 29, 7) -  NO ,
OR-D ( 29, 8) -  NO ,
OR-D ( 29, 9) -  NO ,
OR-D ( 29, 10) -  NO ,
OR-D ( 29, 11) -  NO ,
OR-D ( 29, 12) -  NO ,
OR-D ( 29, 13) -  NO ,
OR-D ( 29, 14) -  NO ,
OR-D ( 29, 15) -  NO ,
OR-D ( 29, 16) -  NO ,
OR-D ( 29, 17) -  OAH,OAJ,OAM,
OR-D ( 29, 18) -  OAX,OAB,OAH,OAJ,OAM,
OR-D ( 29, 19) -  OAP,OAJ,OAM,OAK,
OR-D ( 29, 20) -  OAM,OAJ,
OR-D ( 29, 21) -  OAP,OAJ,OAM,OAK,
OR-D ( 29, 22) -  OAR,OAP,OAJ,OAM,OAK,
OR-D ( 29, 23) -  OBR,OAB,OAH,OAJ,OAM,
OR-D ( 29, 24) -  OBD,OAR,OAP,OAJ,OAM,OAK,
OR-D ( 29, 25) -  OBS,OAR,OAP,OAJ,OAM,OAK,
OR-D ( 29, 26) -  OBE,OAR,OAP,OAJ,OAM,OAK,
OR-D ( 29, 27) -  NO ,
OR-D ( 29, 28) -  OAN,OAJ,OAM,OAK,
OR-D ( 29, 29) -  NO ,
OR-D ( 29, 30) -  OAM,
OR-D ( 29, 31) -  OAM,
OR-D ( 29, 32) -  OAM,OAJ,OAK,OAL,OBT,O T,O R,
OR-D ( 29, 33) -  OAM,OAJ,OAP,OAQ,OAT,OAK,
OR-D ( 29, 34) -  OAM,OAJ,OAP,OAR,OBE,OBF,OAK,
```

ZONE # 30

```
OR-D ( 30, 1) -   NO ,
OR-D ( 30, 2) -   NO ,
OR-D ( 30, 3) -   NO ,
OR-D ( 30, 4) -   NO ,
OR-D ( 30, 5) -   NO ,
OR-D ( 30, 6) -   NO ,
OR-D ( 30, 7) -   NO ,
OR-D ( 30, 8) -   NO ,
OR-D ( 30, 9) -   NO ,
OR-D ( 30, 10) -  NO ,
OR-D ( 30, 11) -  NO ,
OR-D ( 30, 12) -  NO ,
OR-D ( 30, 13) -  NO ,
OR-D ( 30, 14) -  NO ,
OR-D ( 30, 15) -  NO ,
OR-D ( 30, 16) -  NO ,
OR-D ( 30, 17) -  5AG,5AF,0 Z,0 Y,0 X,0 I,
OR-D ( 30, 18) -  0AY,0AD,0AC,0 Z,0 Y,0 X,0 I,
OR-D ( 30, 19) -  NO ,
OR-D ( 30, 20) -  NO ,
OR-D ( 30, 21) -  0AP,0AK,0AH,0AG,0 Z,0 Y,0 X,0 I,
OR-D ( 30, 22) -  0AR,0AP,0AK,0AH,0AG,0 Z,0 Y,0 X,0 I,
OR-D ( 30, 23) -  0BA,0AD,0AC,0 Z,0 Y,0 X,0 I,
OR-D ( 30, 24) -  0BC,0BR,0AB,0AG,0 Z,0 Y,0 X,0 I,
OR-D ( 30, 25) -  NO ,
OR-D ( 30, 26) -  NO ,
OR-D ( 30, 27) -  NO ,
OR-D ( 30, 28) -  0AN,0AK,0AH,0AG,0 Z,0 Y,0 X,0 I,
OR-D ( 30, 29) -  0AM,
OR-D ( 30, 30) -  NO ,
OR-D ( 30, 31) -  0 J,0BO,0 K,0 L,
OR-D ( 30, 32) -  0 J,0BO,0 K,0 Q,0 S,0 R,
OR-D ( 30, 33) -  NO ,
OR-D ( 30, 34) -  NO ,
```

ZONE # 31

```
OR-D ( 31, 1) -   NO ,
OR-D ( 31, 2) -   NO ,
OR-D ( 31, 3) -   NO ,
OR-D ( 31, 4) -   NO ,
OR-D ( 31, 5) -   NO ,
OR-D ( 31, 6) -   NO ,
OR-D ( 31, 7) -   NO ,
OR-D ( 31, 8) -   NO ,
OR-D ( 31, 9) -   NO ,
OR-D ( 31, 10) -  0 J,0BO,0 K,0 L,
OR-D ( 31, 11) -  NO ,
OR-D ( 31, 12) -  NO ,
OR-D ( 31, 13) -  NO ,
OR-D ( 31, 14) -  NO ,
OR-D ( 31, 15) -  NO ,
OR-D ( 31, 16) -  NO ,
OR-D ( 31, 17) -  0AA,0 V,0 K,0 L,
OR-D ( 31, 18) -  0AX,0AV,0AQ,0 U,0 L,
OR-D ( 31, 19) -  0AQ,0 U,0 L,
OR-D ( 31, 20) -  NO ,
OR-D ( 31, 21) -  0AQ,0 U,0 L,
```

```
OR-D ( 31, 22) -  OAR,OAQ,O U,O L,
OR-D ( 31, 23) -  OBR,OAV,OAQ,O U,O L,
OR-D ( 31, 24) -  OBD,OAS,O U,O L,
OR-D ( 31, 25) -  OBS,OAS,O U,O L,
OR-D ( 31, 26) -  OBE,OAS,O U,O L,
OR-D ( 31, 27) -  NO ,
OR-D ( 31, 28) -  OAN,OAL,OBT,O T,O S,O Q,O L,
OR-D ( 31, 29) -  OAM,
OR-D ( 31, 30) -  O J,OBO,O K,O L,
OR-D ( 31, 31) -  NO ,
OR-D ( 31, 32) -  NO ,
OR-D ( 31, 33) -  NO ,
OR-D ( 31, 34) -  NO ,
```

ZONE # 32

```
OR-D ( 32, 1) -   NO ,
OR-D ( 32, 2) -   NO ,
OR-D ( 32, 3) -   NO ,
OR-D ( 32, 4) -   NO ,
OR-D ( 32, 5) -   NO ,
OR-D ( 32, 6) -   NO ,
OR-D ( 32, 7) -   NO ,
OR-D ( 32, 8) -   NO ,
OR-D ( 32, 9) -   NO ,
OR-D ( 32, 10) -  O J,OBO,O K,O Q,O S,O R,
OR-D ( 32, 11) -  NO ,
OR-D ( 32, 12) -  NO ,
OR-D ( 32, 13) -  NO ,
OR-D ( 32, 14) -  NO ,
OR-D ( 32, 15) -  NO ,
OR-D ( 32, 16) -  NO ,
OR-D ( 32, 17) -  OAH,OAK,OAL,OBT,O T,O R,
OR-D ( 32, 18) -  OAX,OAV,OAP,OAL,OBT,O T,O R,
OR-D ( 32, 19) -  OAP,OAL,OBT,O T,O R,
OR-D ( 32, 20) -  NO ,
OR-D ( 32, 21) -  OAP,OAL,OBT,O T,O R,
OR-D ( 32, 22) -  OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 32, 23) -  OBC,OBD,OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 32, 24) -  OBD,OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 32, 25) -  OBS,OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 32, 26) -  OBE,OAR,OAP,OAL,OBT,O T,O R,
OR-D ( 32, 27) -  NO ,
OR-D ( 32, 28) -  OAN,OAL,OBT,O T,O R,
OR-D ( 32, 29) -  OAM,OAJ,OAK,OAL,OBT,O T,O R,
OR-D ( 32, 30) -  O J,OBO,O K,O Q,O S,O R,
OR-D ( 32, 31) -  NO ,
OR-D ( 32, 32) -  NO ,
OR-D ( 32, 33) -  NO ,
OR-D ( 32, 34) -  NO ,
```

ZONE # 33

```
OR-D ( 33, 1) -   O B,OBM,OBL,OBB,OAY,OAX,OAV,OAQ,OAT,
OR-D ( 33, 2) -   O D,OBN,OBB,OAY,OAX,OAV,OAQ,OAT,
OR-D ( 33, 3) -   O E,O D,OBN,OBB,OAY,OAX,OAV,OAX,OAQ,OAT,
OR-D ( 33, 4) -   O G,O J,OBO,O K,O U,OAT,
OR-D ( 33, 5) -   O H,O I,O J,OBO,O K,O U,OAT,
OR-D ( 33, 6) -   OAE,O H,O I,O J,OBO,O K,O U,OAT,
OR-D ( 33, 7) -   NO ,
```

OR-D (33, 8) - OAZ,OAY,OAX,OAV,OAQ,OAT,
OR-D (33, 9) - OBH,OBS,OAS,OAT,
OR-D (33, 10) - O J,OBO,O K,O U,OAT,
OR-D (33, 11) - O N,O M,OAT,O O,O P,O Q,
OR-D (33, 12) - OAY,OAX,OAV,OAQ,OAT,
OR-D (33, 13) - OBL,OBB,OAZ,OAY,OAX,OAV,OAQ,OAT,
OR-D (33, 14) - O Q,O U,OAT,
OR-D (33, 15) - O V,O K,O U,OAT,
OR-D (33, 16) - O I,O J,OBO,O K,O U,OAT,
OR-D (33, 17) - OAB,OAV,OAQ,OAT,
OR-D (33, 18) - OAX,OAV,OAQ,OAT,
OR-D (33, 19) - OAQ,OAT,
OR-D (33, 20) - OAQ,OAT,
OR-D (33, 21) - OAQ,OAT,
OR-D (33, 22) - OAS,OAT,
OR-D (33, 23) - OBR,OAV,OAQ,OAT,
OR-D (33, 24) - OBD,OAS,OAT,
OR-D (33, 25) - OBS,OAS,OAT,
OR-D (33, 26) - OBE,OAS,OAT,
OR-D (33, 27) - OAU,OAS,OAT,
OR-D (33, 28) - OAO,OAT,
OR-D (33, 29) - OAM,OAJ,OAP,OAQ,OAT,OAK,
OR-D (33, 30) - NO ,
OR-D (33, 31) - NO ,
OR-D (33, 32) - NO ,
OR-D (33, 33) - NO ,
OR-D (33, 34) - NO ,

ZONE # 34

OR-D (34, 1) - NO ,
OR-D (34, 2) - NO ,
OR-D (34, 3) - O E,O D,OBN,OBB,OBA,OBC,OBD,OBE,OBF,
OR-D (34, 4) - O G,O J,OBO,O K,O Q,O S,O T,OBT,OAL,OAP,OAR,OBE,OBF,
OR-D (34, 5) - O H,O X,O W,OBQ,OBS,OBT,OAR,OBE,OBF,OAL,OAP,
OR-D (34, 6) - OAW,OAF,OAG,OAH,OAK,OAP,OAR,OBE,OBF,
OR-D (34, 7) - OAF,OAG,OAH,OAK,OAP,OAR,OBE,OBF,
OR-D (34, 8) - OAZ,OBA,OBC,OBD,OBE,OBF,
OR-D (34, 9) - OBH,OBG,OBF,
OR-D (34, 10) - O J,OBO,O K,O Q,O S,O T,OBT,OAL,OAP,OAR,OBE,OBF,
OR-D (34, 11) - O N,O M,O S,O T,OBT,OAL,OAP,OAR,OBE,OBF,O O,O P,
OR-D (34, 12) - OAY,OAX,OAV,OAR,OBE,OBF,
OR-D (34, 13) - OBL,OBB,OBA,OBC,OBD,OBE,OBF,
OR-D (34, 14) - O S,O T,OBT,OAL,OAP,OAR,OBE,OBF,
OR-D (34, 15) - OBS,OBT,OAL,OAP,OAR,OBE,OBF,
OR-D (34, 16) - O X,O W,OBQ,OBS,OBT,OAL,OAP,OAR,OBE,OBF,
OR-D (34, 17) - OAH,OAK,OAP,OAR,OBE,OBF,
OR-D (34, 18) - OAX,OBR,OBC,OBD,OBE,OBF,
OR-D (34, 19) - OAR,OBE,OBF,
OR-D (34, 20) - OAP,OAR,OBE,OBF,
OR-D (34, 21) - OAR,OBE,OBF,
OR-D (34, 22) - OBE,OBF,
OR-D (34, 23) - OBC,OBD,OBE,OBF,
OR-D (34, 24) - OBD,OBE,OBF,
OR-D (34, 25) - OBG,OBF,
OR-D (34, 26) - OBF,
OR-D (34, 27) - OAU,OBE,OBF,
OR-D (34, 28) - OAO,OAQ,OAR,OBE,OBF,
OR-D (34, 29) - OAM,OAJ,OAP,OAR,OBE,OBF,OAK,
OR-D (34, 30) - NO ,

```
OR-D ( 34, 31) -  NO ,
OR-D ( 34, 32) -  NO ,
OR-D ( 34, 33) -  NO ,
OR-D ( 34, 34) -  NO ,
```

FILE NAME : MAR.PTH
MAR - MARTIN COUNTY ZONE TO ZONE PATHS

ZONE # 1

```
OR-D ( 1, 1) -    NO ,
OR-D ( 1, 2) -    NO ,
OR-D ( 1, 3) -    NO ,
OR-D ( 1, 4) -    NO ,
OR-D ( 1, 5) -    NO ,
OR-D ( 1, 6) -    NO ,
OR-D ( 1, 7) -    NO ,
OR-D ( 1, 8) -    NO ,
OR-D ( 1, 9) -    NO ,
OR-D ( 1, 10) -   NO ,
OR-D ( 1, 11) -   NO ,
OR-D ( 1, 12) -   NO ,
OR-D ( 1, 13) -   NO ,
OR-D ( 1, 14) -   NO ,
OR-D ( 1, 15) -   NO ,
OR-D ( 1, 16) -   0 C,0 F,0 G,0 J,
OR-D ( 1, 17) -   0 C,0 F,0 G,0 K,
OR-D ( 1, 18) -   0 B,0 Q,0 R,0 S,
OR-D ( 1, 19) -   0 B,0 Q,0 R,0 S,0 T,0 U,
OR-D ( 1, 20) -   0 B,0 Q,0 R,0 S,0 T,0 U,0AA,
OR-D ( 1, 21) -   0 B,0 Q,0 R,0 S,0 T,0 U,0AA,0BB,
OR-D ( 1, 22) -   0 B,0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,
OR-D ( 1, 23) -   0 B,0 Q,0 R,0 S,0 T,0 X,
OR-D ( 1, 24) -   0 B,0 Q,0 R,0 S,0 T,0 X,0PP,0RR,
OR-D ( 1, 25) -   0 C,0 F,0 G,0 J,0 N,0 O,0 Y,0 Z,0AI,
OR-D ( 1, 26) -   0 C,0 F,
OR-D ( 1, 27) -   0 B,0 Q,0 R,0 S,0 T,0 U,0AA,
OR-D ( 1, 28) -   0 B,0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 1, 29) -   0 B,0 Q,0 R,0 S,0 T,0 W,
OR-D ( 1, 30) -   0 B,0 Q,0 R,0 S,0 T,0 X,0PP,0RR,0SS,
OR-D ( 1, 31) -   0 C,0 F,0 G,0 K,
OR-D ( 1, 32) -   0 C,0 F,0 G,0 J,0 N,0 O,0 W,0 V,
OR-D ( 1, 33) -   0 C,0 F,0 G,0 J,0 N,0 O,0 W,0 V,0MM,
OR-D ( 1, 34) -   0 C,0 F,0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,
OR-D ( 1, 35) -   0 C,0 F,0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D ( 1, 36) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,
OR-D ( 1, 37) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0 Z,0QQ,
OR-D ( 1, 38) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0QQ,
OR-D ( 1, 39) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D ( 1, 40) -   NO ,
OR-D ( 1, 41) -   NO ,
OR-D ( 1, 42) -   NO ,
OR-D ( 1, 43) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D ( 1, 44) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0 Z,0AI,0AG,0QQ,
OR-D ( 1, 45) -   0 C,0 F,0 G,0 K,0 L,
OR-D ( 1, 46) -   NO ,
```

ZONE # 2

```
OR-D ( 2, 1) -    NO ,
OR-D ( 2, 2) -    NO ,
```

OR-D (2, 3) - NO ,
OR-D (2, 4) - NO ,
OR-D (2, 5) - NO ,
OR-D (2, 6) - NO ,
OR-D (2, 7) - NO ,
OR-D (2, 8) - NO ,
OR-D (2, 9) - NO ,
OR-D (2, 10) - NO ,
OR-D (2, 11) - NO ,
OR-D (2, 12) - NO ,
OR-D (2, 13) - NO ,
OR-D (2, 14) - NO ,
OR-D (2, 15) - NO ,
OR-D (2, 16) - 0 Q,0 R,0 S,0 T,0 O,0 N,5 A,
OR-D (2, 17) - 0 Q,0 R,0 S,0 T,0 O,0 M,5 A,
OR-D (2, 18) - 0 Q,0 R,0 S,5 A,
OR-D (2, 19) - 0 Q,0 R,0 S,0 T,0 U,5 A,
OR-D (2, 20) - 0 Q,0 R,0 S,0 T,0 U,0AA,0 A,
OR-D (2, 21) - 0 Q,0 R,0 S,0 T,0 U,0AA,0BB,5 A,
OR-D (2, 22) - 0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,5 A,
OR-D (2, 23) - 0 Q,0 R,0AS,0AU,5 A,
OR-D (2, 24) - 0 Q,0 R,0AS,0AU,0RR,0PP,5 A,
OR-D (2, 25) - 0 Q,0 R,0AS,0AU,0AI,0QQ,0 Z,5 A,
OR-D (2, 26) - 0 B,0 C,0 F,5 A,
OR-D (2, 27) - 0 Q,0 R,0 S,0 T,0 U,0AA,5 A,
OR-D (2, 28) - 0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,0FF,5 A,
OR-D (2, 29) - 0 Q,0 R,0 S,0 T,0 W,5 A,
OR-D (2, 30) - 0 Q,0 R,0AS,0AU,5 A,0PP,0RR,0SS,
OR-D (2, 31) - 0 Q,0 R,0 S,0 T,5 A,
OR-D (2, 32) - 0 Q,0 R,0 S,0 T,0 W,0 V,5 A,
OR-D (2, 33) - 0 Q,0 R,0 S,0 T,0 W,0 V,0MM,5 A,
OR-D (2, 34) - 0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,5 A,
OR-D (2, 35) - 0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0II,5 A,
OR-D (2, 36) - 0 Q,0 R,0AS,0AU,5 A,0PP,0RR,0SS,0VV,
OR-D (2, 37) - 0 Q,0 R,0AS,0AU,5 A,0QQ,0 Z,
OR-D (2, 38) - 0 Q,0 R,0AS,0AJ,0AK,0QQ,0 Z,0AI,
OR-D (2, 39) - 0 Q,0 R,0 S,0 T,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (2, 40) - NO ,
OR-D (2, 41) - NO ,
OR-D (2, 42) - NO ,
OR-D (2, 43) - 0 Q,0 R,0AS,0AU,5 A,0QQ,0 Z,0AI,0AJ,0AK,0AE,
OR-D (2, 44) - 0 Q,0 R,0AS,0AU,5 A,0QQ,0 Z,0AI,0AG,
OR-D (2, 45) - 0 Q,0 R,0 S,0 T,0 O,0 M,0 L,5 A,
OR-D (2, 46) - NO ,

ZONE # 3

OR-D (3, 1) - NO ,
OR-D (3, 2) - NO ,
OR-D (3, 3) - NO ,
OR-D (3, 4) - NO ,
OR-D (3, 5) - NO ,
OR-D (3, 6) - NO ,
OR-D (3, 7) - NO ,
OR-D (3, 8) - NO ,
OR-D (3, 9) - NO ,
OR-D (3, 10) - NO ,
OR-D (3, 11) - NO ,
OR-D (3, 12) - NO ,
OR-D (3, 13) - NO ,

```
OR-D ( 3, 14) -   NO ,
OR-D ( 3, 15) -   NO ,
OR-D ( 3, 16) -   OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 N,
OR-D ( 3, 17) -   OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 M,
OR-D ( 3, 18) -   OCC,OBB,OAA,0 U,0 T,
OR-D ( 3, 19) -   OCC,OBB,OAA,
OR-D ( 3, 20) -   OCC,OBB,
OR-D ( 3, 21) -   OCC,
OR-D ( 3, 22) -   OCC,OHH,OGG,
OR-D ( 3, 23) -   OCC,OHH,OJJ,OMM,0 O,OPP,
OR-D ( 3, 24) -   OCC,OHH,OJJ,OLL,
OR-D ( 3, 25) -   OCC,OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,
OR-D ( 3, 26) -   OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 N,0 J,0 G,
OR-D ( 3, 27) -   OCC,OBB,
OR-D ( 3, 28) -   OCC,OHH,OGG,OFF,
OR-D ( 3, 29) -   OCC,OHH,OJJ,OMM,0 V,
OR-D ( 3, 30) -   OCC,OHH,OII,OTT,OAC,
OR-D ( 3, 31) -   OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 M,
OR-D ( 3, 32) -   OCC,OHH,OJJ,OMM,
OR-D ( 3, 33) -   OCC,OHH,OJJ,
OR-D ( 3, 34) -   OCC,OHH,
OR-D ( 3, 35) -   OCC,OHH,OII,
OR-D ( 3, 36) -   OCC,OHH,OII,OTT,OUU,OWW,
OR-D ( 3, 37) -   OCC,OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,
OR-D ( 3, 38) -   OCC,OHH,OII,OTT,OAC,OAD,
OR-D ( 3, 39) -   OCC,OHH,OII,OTT,OUU,
OR-D ( 3, 40) -   NO ,
OR-D ( 3, 41) -   NO ,
OR-D ( 3, 42) -   NO ,
OR-D ( 3, 43) -   OCC,OHH,OII,OTT,OAC,OAD,OAE,
OR-D ( 3, 44) -   OCC,OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D ( 3, 45) -   OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D ( 3, 46) -   NO ,
```

ZONE # 4

```
OR-D ( 4, 1) -    NO ,
OR-D ( 4, 2) -    NO ,
OR-D ( 4, 3) -    NO ,
OR-D ( 4, 4) -    NO ,
OR-D ( 4, 5) -    OCC,
OR-D ( 4, 6) -    NO ,
OR-D ( 4, 7) -    NO ,
OR-D ( 4, 8) -    NO ,
OR-D ( 4, 9) -    NO ,
OR-D ( 4, 10) -   NO ,
OR-D ( 4, 11) -   NO ,
OR-D ( 4, 12) -   NO ,
OR-D ( 4, 13) -   NO ,
OR-D ( 4, 14) -   NO ,
OR-D ( 4, 15) -   NO ,
OR-D ( 4, 16) -   5DD,OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 N,
OR-D ( 4, 17) -   5DD,OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 M,
OR-D ( 4, 18) -   5DD,OCC,OBB,OAA,0 U,0 T,
OR-D ( 4, 19) -   5DD,OCC,OBB,OAA,
OR-D ( 4, 20) -   5DD,OCC,OBB,
OR-D ( 4, 21) -   5DD,OCC,
OR-D ( 4, 22) -   5DD,OCC,OHH,OGG,
OR-D ( 4, 23) -   5DD,OCC,OHH,OJJ,OMM,OOO,OPP,
OR-D ( 4, 24) -   5DD,OCC,OHH,OII,OTT,OAC,OSS,
```

```
OR-D ( 4, 25) -   5DD,0CC,0HH,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,
OR-D ( 4, 26) -   5DD,0CC,5HH,5JJ,5MM,5 V,5 W,5BB,5AA,5 U,0 O,0 N,0 J,0 G,
OR-D ( 4, 27) -   5DD,0CC,0BB,
OR-D ( 4, 28) -   5DD,0CC,0HH,0GG,0FF,
OR-D ( 4, 29) -   5DD,0CC,5BB,5AA,5 U,5HH,5JJ,5MM,5 V,
OR-D ( 4, 30) -   5DD,0CC,0HH,0II,0TT,0AC,
OR-D ( 4, 31) -   5DD,0CC,5BB,5AA,5 U,5HH,5JJ,5MM,5 V,5 W,0 O,0 M,
OR-D ( 4, 32) -   5DD,0CC,5BB,5AA,5NN,5HH,5JJ,5MM,
OR-D ( 4, 33) -   5DD,0CC,5BB,5KK,5HH,5JJ,
OR-D ( 4, 34) -   5DD,0CC,0HH,
OR-D ( 4, 35) -   5DD,0CC,0HH,0II,
OR-D ( 4, 36) -   5DD,0CC,0HH,0II,0TT,0UU,0WW,
OR-D ( 4, 37) -   5DD,0CC,0HH,0JJ,0MM,000,0PP,0QQ,0 Z,
OR-D ( 4, 38) -   5DD,0CC,0HH,0II,0TT,0AC,0AD,
OR-D ( 4, 39) -   5DD,0CC,0HH,0II,0TT,0UU,
OR-D ( 4, 40) -   NO ,
OR-D ( 4, 41) -   NO ,
OR-D ( 4, 42) -   NO ,
OR-D ( 4, 43) -   5DD,0CC,0HH,0II,0TT,0AC,0AD,0AE,
OR-D ( 4, 44) -   5DD,0CC,0HH,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 4, 45) -   5DD,0CC,0HH,0JJ,0MM,0 V,0 W,0 O,0 M,0 L,
OR-D ( 4, 46) -   NO ,
```

ZONE # 5

```
OR-D ( 5, 1) -    NO ,
OR-D ( 5, 2) -    NO ,
OR-D ( 5, 3) -    NO ,
OR-D ( 5, 4) -    OCC,
OR-D ( 5, 5) -    NO ,
OR-D ( 5, 6) -    NO ,
OR-D ( 5, 7) -    NO ,
OR-D ( 5, 8) -    NO ,
OR-D ( 5, 9) -    NO ,
OR-D ( 5, 10) -   NO ,
OR-D ( 5, 11) -   NO ,
OR-D ( 5, 12) -   NO ,
OR-D ( 5, 13) -   NO ,
OR-D ( 5, 14) -   NO ,
OR-D ( 5, 15) -   NO ,
OR-D ( 5, 16) -   0 P,0 H,
OR-D ( 5, 17) -   0 P,0 I,0 G,0 K,
OR-D ( 5, 18) -   0 R,0 S,
OR-D ( 5, 19) -   0 R,0 S,0 T,0 U,
OR-D ( 5, 20) -   0 R,0 S,0 T,0 U,0AA,
OR-D ( 5, 21) -   0 R,0 S,0 T,0 U,0AA,0BB,
OR-D ( 5, 22) -   0 R,0 S,0 T,5 W,5 V,5MM,5JJ,5 U,5AA,5BB,5HH,0GG,
OR-D ( 5, 23) -   0 R,0 S,0AT,0AU,
OR-D ( 5, 24) -   0 R,0 S,0AT,0AU,0PP,0RR,
OR-D ( 5, 25) -   0 R,0 S,0AT,0AU,0QQ,0 Z,0AI,
OR-D ( 5, 26) -   0 P,0 I,
OR-D ( 5, 27) -   0 R,0 S,0 T,0 U,0AA,
OR-D ( 5, 28) -   0 R,0 S,0 T,5 W,5 V,5MM,5JJ,5 U,5AA,5BB,5HH,0GG,0FF,
OR-D ( 5, 29) -   0 R,0 S,0 T,0 W,
OR-D ( 5, 30) -   0 R,0 S,0AT,0AU,0PP,0RR,0SS,
OR-D ( 5, 31) -   5 P,5 I,5 G,5 K,5 R,5 S,5 T,5 O,5 M,
OR-D ( 5, 32) -   0 R,0 S,0 T,0 W,0 V,
OR-D ( 5, 33) -   0 R,0 S,0 T,0 W,0 V,0MM,
OR-D ( 5, 34) -   0 R,0 S,0 T,0 W,0 V,0MM,0JJ,
OR-D ( 5, 35) -   0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0II,
```

```
OR-D ( 5, 36) -   0 R,0 S,0AT,0AU,0PP,0RR,0SS,0VV,
OR-D ( 5, 37) -   0 R,0 S,0 T,5 Y,5 X,5QQ,0 Z,
OR-D ( 5, 38) -   0 R,0 S,0 T,5 X,5 Y,5QQ,0 Z,0AI,0AJ,0AK,
OR-D ( 5, 39) -   0 R,0 S,0AT,0AU,0PP,0RR,0SS,0VV,0WW,
OR-D ( 5, 40) -   NO ,
OR-D ( 5, 41) -   NO ,
OR-D ( 5, 42) -   NO ,
OR-D ( 5, 43) -   0 R,0 S,0AT,0AU,0AE,0QQ,0 Z,0AI,0AJ,0AK,
OR-D ( 5, 44) -   0 R,0 S,0AT,0AU,0AG,0QQ,0 Z,0AI,
OR-D ( 5, 45) -   0 R,0 S,0 T,0 O,0 M,0 L,
OR-D ( 5, 46) -   NO ,
```

ZONE # 6

```
OR-D ( 6, 1) -    NO ,
OR-D ( 6, 2) -    NO ,
OR-D ( 6, 3) -    NO ,
OR-D ( 6, 4) -    NO ,
OR-D ( 6, 5) -    NO ,
OR-D ( 6, 6) -    NO ,
OR-D ( 6, 7) -    NO ,
OR-D ( 6, 8) -    NO ,
OR-D ( 6, 9) -    NO ,
OR-D ( 6, 10) -   NO ,
OR-D ( 6, 11) -   NO ,
OR-D ( 6, 12) -   NO ,
OR-D ( 6, 13) -   NO ,
OR-D ( 6, 14) -   NO ,
OR-D ( 6, 15) -   NO ,
OR-D ( 6, 16) -   0 H,
OR-D ( 6, 17) -   0 I,0 G,0 K,5 P,
OR-D ( 6, 18) -   5 P,0 R,0 S,
OR-D ( 6, 19) -   5 P,0 R,0AS,0 U,
OR-D ( 6, 20) -   5 P,0 R,0 S,0AT,0 U,0AA,
OR-D ( 6, 21) -   0 H,0 N,0 O,0 W,0 U,0AA,0BB,5 P,
OR-D ( 6, 22) -   0 H,0 N,0 O,0 W,0 V,0MM,0JJ,0BB,5 P,
OR-D ( 6, 23) -   5 H,5 N,5 O,5 P,5 R,5 S,5 T,0 X,
OR-D ( 6, 24) -   5 H,5 N,5 O,5 P,5 R,5 S,5 T,0 X,0PP,0RR,
OR-D ( 6, 25) -   0 H,0 N,0 O,0 Y,0 Z,0AI,5 P,
OR-D ( 6, 26) -   0 I,5 P,
OR-D ( 6, 27) -   5 P,0 R,0 S,0AT,0 U,0AA,
OR-D ( 6, 28) -   0 H,0 N,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,5 P,
OR-D ( 6, 29) -   5 P,0 R,0AS,
OR-D ( 6, 30) -   0 H,0 N,0 O,0 X,0PP,0RR,0SS,5 P,
OR-D ( 6, 31) -   0 I,0 G,0 K,5 P,
OR-D ( 6, 32) -   0 H,0 N,0 O,0 W,0 V,5 P,
OR-D ( 6, 33) -   0 H,0 N,0 O,0 W,0 V,0MM,5 P,
OR-D ( 6, 34) -   0 H,0 N,0 O,0 W,0 V,0MM,0JJ,5 P,
OR-D ( 6, 35) -   0 H,0 N,0 O,0 W,0 V,0MM,0JJ,0II,5 P,
OR-D ( 6, 36) -   0 H,0 N,0 O,0 X,0PP,0RR,0SS,0VV,5 P,
OR-D ( 6, 37) -   0 H,0 N,0 O,0 X,0 Z,0QQ,
OR-D ( 6, 38) -   0 H,0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0QQ,
OR-D ( 6, 39) -   0 H,0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,5 P,
OR-D ( 6, 40) -   NO ,
OR-D ( 6, 41) -   NO ,
OR-D ( 6, 42) -   NO ,
OR-D ( 6, 43) -   0 H,0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,5 P,0QQ,
OR-D ( 6, 44) -   0 H,0 N,0 O,0 X,0 Z,0AI,0AG,5 P,0QQ,
OR-D ( 6, 45) -   0 I,0 G,0 K,0 L,5 P,
OR-D ( 6, 46) -   NO ,
```

ZONE # 7

OR-D (7, 1) - NO ,
OR-D (7, 2) - NO ,
OR-D (7, 3) - NO ,
OR-D (7, 4) - NO ,
OR-D (7, 5) - NO ,
OR-D (7, 6) - NO ,
OR-D (7, 7) - NO ,
OR-D (7, 8) - NO ,
OR-D (7, 9) - NO ,
OR-D (7, 10) - NO ,
OR-D (7, 11) - NO ,
OR-D (7, 12) - NO ,
OR-D (7, 13) - NO ,
OR-D (7, 14) - NO ,
OR-D (7, 15) - NO ,
OR-D (7, 16) - 0 S,0 T,0 O,0 N,
OR-D (7, 17) - 0 S,0 T,0 O,0 M,
OR-D (7, 18) - 0 S,
OR-D (7, 19) - 0 S,0 T,0 U,
OR-D (7, 20) - 0 S,0 T,0 U,0AA,
OR-D (7, 21) - 0 S,0 T,0 U,0AA,0BB,
OR-D (7, 22) - 0 S,0 T,0 W,0 V,0MM,0JJ,0GG,
OR-D (7, 23) - 0AS,0AU,
OR-D (7, 24) - 0AS,0AU,0RR,0PP,
OR-D (7, 25) - 0 S,0 T,0 Y,0 Z,0AI,
OR-D (7, 26) - 0 R,0 P,0 I,
OR-D (7, 27) - 0 S,0 T,0 U,0AA,
OR-D (7, 28) - 0 S,0 T,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D (7, 29) - 0 S,0 T,0 W,
OR-D (7, 30) - 0AS,0AU,0SS,0PP,0RR,
OR-D (7, 31) - 0 S,0 T,0 O,0 M,
OR-D (7, 32) - 0 S,0 T,0 W,0 V,
OR-D (7, 33) - 0 S,0 T,0 W,0 V,0MM,
OR-D (7, 34) - 0 S,0 T,0 W,0 V,0MM,0JJ,
OR-D (7, 35) - 0 S,0 T,0 W,0 V,0MM,0JJ,0II,
OR-D (7, 36) - 0AS,0AU,0VV,0PP,0RR,0SS,
OR-D (7, 37) - 0AS,0AU,0QQ,0 Z,
OR-D (7, 38) - 0AS,0AU,0QQ,0 Z,0AI,0AJ,0AK,
OR-D (7, 39) - 0AS,0AU,0QQ,0PP,0RR,0SS,0VV,0WW,
OR-D (7, 40) - NO ,
OR-D (7, 41) - NO ,
OR-D (7, 42) - NO ,
OR-D (7, 43) - 0AS,0AU,0QQ,0 Z,0AI,0AJ,0AK,0AE,
OR-D (7, 44) - 0AS,0AU,0QQ,0 Z,0AI,0AG,
OR-D (7, 45) - 0 S,0 T,0 O,0 M,0 L,
OR-D (7, 46) - NO ,

ZONE # 8

OR-D (8, 1) - NO ,
OR-D (8, 2) - NO ,
OR-D (8, 3) - NO ,
OR-D (8, 4) - NO ,
OR-D (8, 5) - NO ,
OR-D (8, 6) - NO ,
OR-D (8, 7) - NO ,
OR-D (8, 8) - NO ,

OR-D (8, 9) - OBB,
OR-D (8, 10) - NO ,
OR-D (8, 11) - NO ,
OR-D (8, 12) - NO ,
OR-D (8, 13) - NO ,
OR-D (8, 14) - NO ,
OR-D (8, 15) - NO ,
OR-D (8, 16) - OAA,0 U,0 W,0 O,0 N,
OR-D (8, 17) - OAA,0 U,0 W,0 O,0 M,
OR-D (8, 18) - OAA,0 U,0 T,
OR-D (8, 19) - OAA,
OR-D (8, 20) - NO ,
OR-D (8, 21) - OBB,
OR-D (8, 22) - 5KK,5JJ,5BB,5HH,0GG,
OR-D (8, 23) - OAA,0NN,0OO,0PP,
OR-D (8, 24) - OKK,0LL,
OR-D (8, 25) - OAA,0NN,0OO,0PP,0QQ,0 Z,0AI,
OR-D (8, 26) - OAA,0 U,0 W,0 O,0 N,0 G,
OR-D (8, 27) - NO ,
OR-D (8, 28) - OBB,0HH,0GG,0FF,
OR-D (8, 29) - OAA,0 U,
OR-D (8, 30) - OKK,0LL,0SS,
OR-D (8, 31) - OAA,0 U,0 O,0 M,
OR-D (8, 32) - 5AA,5KK,5NN,5MM,
OR-D (8, 33) - OKK,
OR-D (8, 34) - OBB,0HH,
OR-D (8, 35) - OBB,0HH,0II,
OR-D (8, 36) - OKK,0LL,0SS,0VV,
OR-D (8, 37) - OAA,0NN,0OO,0PP,0QQ,0 Z,
OR-D (8, 38) - OKK,0LL,0SS,0AD,
OR-D (8, 39) - OKK,0LL,0SS,0VV,0WW,
OR-D (8, 40) - NO ,
OR-D (8, 41) - NO ,
OR-D (8, 42) - NO ,
OR-D (8, 43) - OKK,0LL,0SS,0AD,0AE,
OR-D (8, 44) - 5AA,5 U,5KK,5MM,0QQ,0 Z,0AI,0AG,5 V,0AU,
OR-D (8, 45) - OAA,0 U,0 W,0 O,0 M,0 L,
OR-D (8, 46) - NO ,

ZONE # 9

OR-D (9, 1) - NO ,
OR-D (9, 2) - NO ,
OR-D (9, 3) - NO ,
OR-D (9, 4) - NO ,
OR-D (9, 5) - NO ,
OR-D (9, 6) - NO ,
OR-D (9, 7) - NO ,
OR-D (9, 8) - OBB,
OR-D (9, 9) - NO ,
OR-D (9, 10) - NO ,
OR-D (9, 11) - NO ,
OR-D (9, 12) - NO ,
OR-D (9, 13) - NO ,
OR-D (9, 14) - NO ,
OR-D (9, 15) - NO ,
OR-D (9, 16) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 N,
OR-D (9, 17) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,
OR-D (9, 18) - OBB,0AA,0 U,0 T,
OR-D (9, 19) - OBB,0AA,

```
OR-D ( 9, 20) -  0BB,
OR-D ( 9, 21) -  NO ,
OR-D ( 9, 22) -  0HH,0GG,
OR-D ( 9, 23) -  0HH,0JJ,0MM,000,0PP,
OR-D ( 9, 24) -  0HH,0JJ,0LL,
OR-D ( 9, 25) -  0HH,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,
OR-D ( 9, 26) -  5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 0,0 N,5 J,5 G,5 H,5 I,
OR-D ( 9, 27) -  0BB,
OR-D ( 9, 28) -  0HH,0GG,0FF,
OR-D ( 9, 29) -  5BB,5AA,5 U,5HH,5JJ,5MM,5 V,
OR-D ( 9, 30) -  0HH,0II,0TT,0AC,
OR-D ( 9, 31) -  5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 0,0 M,
OR-D ( 9, 32) -  0HH,0JJ,0MM,
OR-D ( 9, 33) -  0HH,0JJ,
OR-D ( 9, 34) -  0HH,
OR-D ( 9, 35) -  0HH,0II,
OR-D ( 9, 36) -  0HH,0II,0TT,0UU,0WW,
OR-D ( 9, 37) -  0HH,0JJ,0MM,000,0PP,0QQ,0 Z,
OR-D ( 9, 38) -  0HH,0II,0TT,0AC,0AD,
OR-D ( 9, 39) -  0HH,0II,0TT,0UU,
OR-D ( 9, 40) -  NO ,
OR-D ( 9, 41) -  NO ,
OR-D ( 9, 42) -  NO ,
OR-D ( 9, 43) -  0HH,0II,0TT,0AC,0AD,0AE,
OR-D ( 9, 44) -  0HH,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 9, 45) -  5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 0,0 M,0 L,
OR-D ( 9, 46) -  NO ,
```

ZONE # 10

```
OR-D ( 10, 1) -  NO ,
OR-D ( 10, 2) -  NO ,
OR-D ( 10, 3) -  NO ,
OR-D ( 10, 4) -  NO ,
OR-D ( 10, 5) -  NO ,
OR-D ( 10, 6) -  NO ,
OR-D ( 10, 7) -  NO ,
OR-D ( 10, 8) -  NO ,
OR-D ( 10, 9) -  NO ,
OR-D ( 10, 10) -  NO ,
OR-D ( 10, 11) -  NO ,
OR-D ( 10, 12) -  NO ,
OR-D ( 10, 13) -  NO ,
OR-D ( 10, 14) -  NO ,
OR-D ( 10, 15) -  NO ,
OR-D ( 10, 16) -  OFF,0GG,0JJ,0MM,0 V,0 W,0 0,0 N,
OR-D ( 10, 17) -  OFF,0GG,0JJ,0MM,0 V,0 W,0 0,0 M,
OR-D ( 10, 18) -  OFF,0GG,0JJ,0MM,0 V,0 T,
OR-D ( 10, 19) -  OFF,0GG,0JJ,0MM,0NN,
OR-D ( 10, 20) -  OFF,0GG,0JJ,0KK,
OR-D ( 10, 21) -  OFF,0GG,0HH,
OR-D ( 10, 22) -  OFF,
OR-D ( 10, 23) -  OFF,0GG,0JJ,0MM,000,0PP,
OR-D ( 10, 24) -  OFF,0GG,0JJ,0LL,
OR-D ( 10, 25) -  OFF,0GG,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,
OR-D ( 10, 26) -  OFF,0GG,0JJ,0MM,0 V,0 W,0 0,0 N,0 J,0 G,
OR-D ( 10, 27) -  OFF,0GG,0JJ,0KK,
OR-D ( 10, 28) -  NO ,
OR-D ( 10, 29) -  OFF,0GG,0JJ,0MM,0 V,
OR-D ( 10, 30) -  OFF,0GG,0II,0TT,0AC,
```

OR-D (10, 31) - OFF,0GG,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D (10, 32) - OFF,0GG,0JJ,0MM,
OR-D (10, 33) - OFF,0GG,0JJ,
OR-D (10, 34) - OFF,0GG,
OR-D (10, 35) - OFF,0GG,0II,
OR-D (10, 36) - OFF,0GG,0II,0TT,0UU,0WW,
OR-D (10, 37) - OFF,0GG,0JJ,0MM,0OO,0PP,0QQ,0 Z,
OR-D (10, 38) - OFF,0GG,0II,0TT,0AC,0AD,
OR-D (10, 39) - OFF,0GG,0II,0TT,0UU,
OR-D (10, 40) - NO ,
OR-D (10, 41) - NO ,
OR-D (10, 42) - NO ,
OR-D (10, 43) - OFF,0GG,0II,0TT,0AC,0AD,0AE,
OR-D (10, 44) - OFF,0GG,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,0AG,
OR-D (10, 45) - OFF,0GG,0JJ,0MM,0 V,0 W,0 O,0 M,0 L,
OR-D (10, 46) - NO ,

ZONE # 11

OR-D (11, 1) - NO ,
OR-D (11, 2) - NO ,
OR-D (11, 3) - NO ,
OR-D (11, 4) - NO ,
OR-D (11, 5) - NO ,
OR-D (11, 6) - NO ,
OR-D (11, 7) - NO ,
OR-D (11, 8) - NO ,
OR-D (11, 9) - NO ,
OR-D (11, 10) - NO ,
OR-D (11, 11) - NO ,
OR-D (11, 12) - NO ,
OR-D (11, 13) - NO ,
OR-D (11, 14) - NO ,
OR-D (11, 15) - NO ,
OR-D (11, 16) - 0 N,
OR-D (11, 17) - 0 M,
OR-D (11, 18) - 0 O,0 T,
OR-D (11, 19) - 0 O,0 W,0 U,
OR-D (11, 20) - 0 O,0 W,0 U,0AA,
OR-D (11, 21) - 0 O,0 W,0 U,0AA,0BB,
OR-D (11, 22) - 0 O,0 W,0 V,0MM,0JJ,0GG,
OR-D (11, 23) - 0 O,0 X,
OR-D (11, 24) - 0 O,0 X,0PP,0RR,
OR-D (11, 25) - 0 O,0 Y,0 Z,0AI,
OR-D (11, 26) - 0 N,0 J,0 G,
OR-D (11, 27) - 0 O,0 W,0 U,0AA,
OR-D (11, 28) - 0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D (11, 29) - 0 O,0 W,
OR-D (11, 30) - 0 O,0 X,0PP,0RR,0SS,
OR-D (11, 31) - 0 M,
OR-D (11, 32) - 0 O,0 W,0 V,
OR-D (11, 33) - 0 O,0 W,0 V,0MM,
OR-D (11, 34) - 0 O,0 W,0 V,0MM,0JJ,
OR-D (11, 35) - 0 O,0 W,0 V,0MM,0JJ,0II,
OR-D (11, 36) - 0 O,0 X,0PP,0RR,0SS,0VV,
OR-D (11, 37) - 0 O,0 Y,0 Z,
OR-D (11, 38) - 0 O,0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D (11, 39) - 0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (11, 40) - NO ,
OR-D (11, 41) - NO ,

OR-D (11, 42) - NO ,
OR-D (11, 43) - 0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D (11, 44) - 0 O,0 X,0 Z,0AI,0AG,0QQ,
OR-D (11, 45) - 0 M,0 L,
OR-D (11, 46) - NO ,

ZONE # 12

OR-D (12, 1) - NO ,
OR-D (12, 2) - NO ,
OR-D (12, 3) - NO ,
OR-D (12, 4) - NO ,
OR-D (12, 5) - NO ,
OR-D (12, 6) - NO ,
OR-D (12, 7) - NO ,
OR-D (12, 8) - NO ,
OR-D (12, 9) - NO ,
OR-D (12, 10) - NO ,
OR-D (12, 11) - NO ,
OR-D (12, 12) - NO ,
OR-D (12, 13) - NO ,
OR-D (12, 14) - NO ,
OR-D (12, 15) - NO ,
OR-D (12, 16) - 0 O,0 N,
OR-D (12, 17) - 0 O,0 M,
OR-D (12, 18) - 0 T,
OR-D (12, 19) - 0 W,0 U,
OR-D (12, 20) - 0 W,0 U,0AA,
OR-D (12, 21) - 0 W,0 U,0AA,0BB,
OR-D (12, 22) - 0 W,0 V,0MM,0JJ,0GG,
OR-D (12, 23) - 0 X,
OR-D (12, 24) - 0 X,0PP,0RR,
OR-D (12, 25) - 0 Y,0 Z,0AI,
OR-D (12, 26) - 0 O,0 N,0 J,0 G,
OR-D (12, 27) - 0 W,0 U,0AA,
OR-D (12, 28) - 0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D (12, 29) - 0 W,
OR-D (12, 30) - 0 X,0PP,0RR,0SS,
OR-D (12, 31) - 0 O,0 M,
OR-D (12, 32) - 0 W,0 V,
OR-D (12, 33) - 0 W,0 V,0MM,
OR-D (12, 34) - 0 W,0 V,0MM,0JJ,
OR-D (12, 35) - 0 W,0 V,0MM,0JJ,0II,
OR-D (12, 36) - 0 X,0PP,0RR,0SS,0VV,
OR-D (12, 37) - 0 Y,0 Z,
OR-D (12, 38) - 0 Y,0 Z,0AI,0AJ,0AK,
OR-D (12, 39) - 0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (12, 40) - NO ,
OR-D (12, 41) - NO ,
OR-D (12, 42) - NO ,
OR-D (12, 43) - 0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D (12, 44) - 0 Y,0 Z,0AI,0AG,
OR-D (12, 45) - 0 O,0 M,0 L,
OR-D (12, 46) - NO ,

ZONE # 13

OR-D (13, 1) - NO ,
OR-D (13, 2) - NO ,
OR-D (13, 3) - NO ,

```
OR-D ( 13, 4) -  NO ,
OR-D ( 13, 5) -  NO ,
OR-D ( 13, 6) -  NO ,
OR-D ( 13, 7) -  NO ,
OR-D ( 13, 8) -  NO ,
OR-D ( 13, 9) -  NO ,
OR-D ( 13, 10) - NO ,
OR-D ( 13, 11) - NO ,
OR-D ( 13, 12) - NO ,
OR-D ( 13, 13) - NO ,
OR-D ( 13, 14) - NO ,
OR-D ( 13, 15) - NO ,
OR-D ( 13, 16) - 5RR,0PP,0 X,0 O,0 N,
OR-D ( 13, 17) - 5RR,0PP,0 X,0 O,0 M,
OR-D ( 13, 18) - 5RR,0PP,0 X,0 T,
OR-D ( 13, 19) - 5RR,0OO,0NN,
OR-D ( 13, 20) - 5RR,0LL,0KK,
OR-D ( 13, 21) - 5RR,0LL,0JJ,0HH,
OR-D ( 13, 22) - 5RR,0LL,0JJ,0GG,
OR-D ( 13, 23) - 5RR,0PP,
OR-D ( 13, 24) - 5RR,
OR-D ( 13, 25) - 5RR,0PP,0QQ,0 Z,0AI,
OR-D ( 13, 26) - 5RR,0PP,0 X,0 O,0 N,0 J,0 G,
OR-D ( 13, 27) - 5RR,0LL,0KK,
OR-D ( 13, 28) - 5RR,0LL,0JJ,0GG,0FF,
OR-D ( 13, 29) - 5RR,0PP,0 X,0 W,
OR-D ( 13, 30) - 5RR,0SS,
OR-D ( 13, 31) - 5RR,0PP,0 X,0 O,0 M,
OR-D ( 13, 32) - 5RR,0OO,
OR-D ( 13, 33) - 5RR,0LL,
OR-D ( 13, 34) - 5RR,0LL,0JJ,
OR-D ( 13, 35) - 5RR,0LL,0JJ,0II,
OR-D ( 13, 36) - 5RR,0SS,0VV,
OR-D ( 13, 37) - 5RR,0PP,0QQ,0 Z,
OR-D ( 13, 38) - 5RR,0PP,0QQ,0 Z,0AI,0AJ,0AK,
OR-D ( 13, 39) - 5RR,0SS,0VV,0WW,
OR-D ( 13, 40) - NO ,
OR-D ( 13, 41) - NO ,
OR-D ( 13, 42) - NO ,
OR-D ( 13, 43) - 5RR,0SS,0AD,0AE,
OR-D ( 13, 44) - 5RR,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 13, 45) - 5RR,0PP,0 X,0 O,0 M,0 L,
OR-D ( 13, 46) - NO ,
```

ZONE # 14

```
OR-D ( 14, 1) -  NO ,
OR-D ( 14, 2) -  NO ,
OR-D ( 14, 3) -  NO ,
OR-D ( 14, 4) -  NO ,
OR-D ( 14, 5) -  NO ,
OR-D ( 14, 6) -  NO ,
OR-D ( 14, 7) -  NO ,
OR-D ( 14, 8) -  NO ,
OR-D ( 14, 9) -  NO ,
OR-D ( 14, 10) - NO ,
OR-D ( 14, 11) - NO ,
OR-D ( 14, 12) - NO ,
OR-D ( 14, 13) - NO ,
OR-D ( 14, 14) - NO ,
```

OR-D (14, 15) - NO ,
OR-D (14, 16) - 0AH,0 Z,0 Y,0 O,0 N,
OR-D (14, 17) - 0AH,0 Z,0 Y,0 O,0 M,
OR-D (14, 18) - 0AH,0 Z,0 Y,0 T,
OR-D (14, 19) - 0AH,0 Z,0QQ,0PP,000,0NN,
OR-D (14, 20) - 0AH,0 Z,0QQ,0PP,0RR,0LL,0KK,
OR-D (14, 21) - 0AH,0 Z,0QQ,0PP,000,0MM,0JJ,0HH,
OR-D (14, 22) - 0AH,0 Z,0QQ,0PP,000,0MM,0JJ,0GG,
OR-D (14, 23) - 0AH,0 Z,0QQ,
OR-D (14, 24) - 0AH,0 Z,0QQ,0PP,0RR,
OR-D (14, 25) - 0AH,0AI,
OR-D (14, 26) - 0AH,0 Z,0 Y,0 O,0 N,0 J,0 G,
OR-D (14, 27) - 0AH,0 Z,0QQ,0PP,0RR,0LL,0KK,
OR-D (14, 28) - 0AH,0 Z,0QQ,0PP,000,0MM,0JJ,0GG,0FF,
OR-D (14, 29) - 0AH,0 Z,0 Y,0 W,
OR-D (14, 30) - 0AH,0 Z,0QQ,0PP,0RR,0SS,
OR-D (14, 31) - 0AH,0 Z,0 Y,0 O,0 M,
OR-D (14, 32) - 0AH,0 Z,0QQ,0PP,000,
OR-D (14, 33) - 0AH,0 Z,0QQ,0PP,0RR,0LL,
OR-D (14, 34) - 0AH,0 Z,0QQ,0PP,000,0MM,0JJ,
OR-D (14, 35) - 0AH,0 Z,0QQ,0PP,000,0MM,0JJ,0II,
OR-D (14, 36) - 0AH,0AI,0AJ,0AV,0XX,
OR-D (14, 37) - 0AH,
OR-D (14, 38) - 0AH,0AI,0AJ,0AK,
OR-D (14, 39) - 0AH,0AI,0AJ,0AV,0XX,0WW,
OR-D (14, 40) - 0AH,0AI,0AJ,0AK,0AL,
OR-D (14, 41) - 0AH,0AI,0AJ,0AV,0YY,
OR-D (14, 42) - 0AH,0AI,0AJ,0AK,0AL,0AM,0AN,
OR-D (14, 43) - 0AH,0AI,0AJ,0AK,0AE,
OR-D (14, 44) - 0AH,0AI,0AG,
OR-D (14, 45) - 0AH,0 Z,0 Y,0 O,0 M,0 L,
OR-D (14, 46) - 0AH,0AI,0AJ,0AV,0YY,0AP,0AQ,

ZONE # 15

OR-D (15, 1) - NO ,
OR-D (15, 2) - NO ,
OR-D (15, 3) - NO ,
OR-D (15, 4) - NO ,
OR-D (15, 5) - NO ,
OR-D (15, 6) - NO ,
OR-D (15, 7) - NO ,
OR-D (15, 8) - NO ,
OR-D (15, 9) - NO ,
OR-D (15, 10) - NO ,
OR-D (15, 11) - NO ,
OR-D (15, 12) - NO ,
OR-D (15, 13) - NO ,
OR-D (15, 14) - NO ,
OR-D (15, 15) - NO ,
OR-D (15, 16) - 0AI,0 Z,0 Y,0 O,0 N,
OR-D (15, 17) - 0AI,0 Z,0 Y,0 O,0 M,
OR-D (15, 18) - 0AI,0 Z,0 Y,0 T,
OR-D (15, 19) - 0AI,0 Z,0QQ,0PP,000,0NN,
OR-D (15, 20) - 0AI,0 Z,0QQ,0PP,0RR,0LL,0KK,
OR-D (15, 21) - 0AI,0 Z,0QQ,0PP,000,0MM,0JJ,0HH,
OR-D (15, 22) - 0AI,0 Z,0QQ,0PP,000,0MM,0JJ,0GG,
OR-D (15, 23) - 0AI,0 Z,0QQ,
OR-D (15, 24) - 0AI,0 Z,0QQ,0PP,0RR,
OR-D (15, 25) - NO ,

OR-D (15, 26) - 0AI,0 Z,0 Y,0 O,0 N,0 J,0 G,
OR-D (15, 27) - 0AI,0 Z,0QQ,0PP,0RR,0LL,0KK,
OR-D (15, 28) - 0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,0GG,0FF,
OR-D (15, 29) - 0AI,0 Z,0 Y,0 W,
OR-D (15, 30) - 0AI,0 Z,0QQ,0PP,0RR,0SS,
OR-D (15, 31) - 0AI,0 Z,0 Y,0 O,0 M,
OR-D (15, 32) - 0AI,0 Z,0QQ,0PP,0OO,
OR-D (15, 33) - 0AI,0 Z,0QQ,0PP,0RR,0LL,
OR-D (15, 34) - 0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,
OR-D (15, 35) - 0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,0II,
OR-D (15, 36) - 0AT,0AJ,0XX,
OR-D (15, 37) - 0AI,
OR-D (15, 38) - 0AJ,0AK,
OR-D (15, 39) - 0AJ,0AV,0XX,0WW,
OR-D (15, 40) - 0AJ,0AK,0AL,
OR-D (15, 41) - 0AJ,0AV,0YY,
OR-D (15, 42) - 0AJ,0AK,0AL,0AM,0AN,
OR-D (15, 43) - 0AJ,0AK,0AE,
OR-D (15, 44) - 0AG,
OR-D (15, 45) - 0AI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (15, 46) - 0AJ,0AV,0YY,0AP,0AQ,

ZONE # 16

OR-D (16, 1) - 0 C,0 F,0 G,0 J,
OR-D (16, 2) - 0 Q,0 R,0 S,0 T,0 O,0 N,5 A,
OR-D (16, 3) - 0CC,0HH,0JJ,0MM,0 V,0 W,0 O,0 N,
OR-D (16, 4) - 5DD,0CC,0HH,0JJ,0MM,0 V,0 W,0 O,0 N,
OR-D (16, 5) - 0 P,0 H,
OR-D (16, 6) - 0 H,
OR-D (16, 7) - 0 S,0 T,0 O,0 N,
OR-D (16, 8) - 0AA,0 U,0 W,0 O,0 N,
OR-D (16, 9) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 N,
OR-D (16, 10) - 0FF,0GG,0JJ,0MM,0 V,0 W,0 O,0 N,
OR-D (16, 11) - 0 N,
OR-D (16, 12) - 0 O,0 N,
OR-D (16, 13) - 5RR,0PP,0 X,0 O,0 N,
OR-D (16, 14) - 0AH,0 Z,0 Y,0 O,0 N,
OR-D (16, 15) - 0AI,0 Z,0 Y,0 O,0 N,
OR-D (16, 16) - NO ,
OR-D (16, 17) - 0 N,0 M,
OR-D (16, 18) - 0 N,0 O,0 T,
OR-D (16, 19) - 0 N,0 O,0 W,0 U,
OR-D (16, 20) - 0 N,0 O,0 W,0 U,0AA,
OR-D (16, 21) - 0 N,0 O,0 W,0 U,0AA,0BB,
OR-D (16, 22) - 0 N,0 O,0 W,0 U,0AA,0BB,0HH,0GG,
OR-D (16, 23) - 0 N,0 O,0 X,
OR-D (16, 24) - 0 N,0 O,0 X,0PP,0RR,
OR-D (16, 25) - 0 N,0 O,0 Y,0 Z,0AI,
OR-D (16, 26) - 0 J,0 G,
OR-D (16, 27) - 0 N,0 O,0 W,0 U,0AA,
OR-D (16, 28) - 0 N,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D (16, 29) - 0 N,0 O,0 W,
OR-D (16, 30) - 0 N,0 O,0 X,0PP,0RR,0SS,
OR-D (16, 31) - 0 N,0 M,
OR-D (16, 32) - 0 N,0 O,0 W,0 V,
OR-D (16, 33) - 0 N,0 O,0 W,0 V,0MM,
OR-D (16, 34) - 0 N,0 O,0 W,0 V,0MM,0JJ,
OR-D (16, 35) - 0 N,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D (16, 36) - 0 N,0 O,0 X,0PP,0RR,0SS,0VV,

OR-D (16, 37) - 0 N,0 O,0 Y,0 Z,
OR-D (16, 38) - 0 N,0 O,0 Y,0 Z,0AI,0AJ,0AK,
OR-D (16, 39) - 0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (16, 40) - NO ,
OR-D (16, 41) - NO ,
OR-D (16, 42) - NO ,
OR-D (16, 43) - 0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D (16, 44) - 0 N,0 O,0 X,0 Z,0AI,0AG,0QQ,
OR-D (16, 45) - 0 N,0 M,0 L,
OR-D (16, 46) - NO ,

ZONE # 17

OR-D (17, 1) - 0 C,0 F,0 G,0 K,
OR-D (17, 2) - 0 Q,0 R,0 S,0 T,0 O,0 M,5 A,
OR-D (17, 3) - 0CC,0HH,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D (17, 4) - 5DD,0CC,0HH,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D (17, 5) - 0 P,0 I,0 G,0 K,
OR-D (17, 6) - 0 I,0 G,0 K,5 P,
OR-D (17, 7) - 0 S,0 T,0 O,0 M,
OR-D (17, 8) - 0AA,0 U,0 W,0 O,0 M,
OR-D (17, 9) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,
OR-D (17, 10) - 0FF,0GG,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D (17, 11) - 0 M,
OR-D (17, 12) - 0 O,0 M,
OR-D (17, 13) - 5RR,0PP,0 X,0 O,0 M,
OR-D (17, 14) - 0AH,0 Z,0 Y,0 O,0 M,
OR-D (17, 15) - 0AI,0 Z,0 Y,0 O,0 M,
OR-D (17, 16) - 0 N,0 M,
OR-D (17, 17) - NO ,
OR-D (17, 18) - 0 M,0 O,0 T,
OR-D (17, 19) - 0 M,0 O,0 W,0 U,
OR-D (17, 20) - 0 M,0 O,0 W,0 U,0AA,
OR-D (17, 21) - 0 M,0 O,0 W,0 U,0AA,0BB,
OR-D (17, 22) - 0 M,0 O,0 W,0 V,0MM,0JJ,0GG,
OR-D (17, 23) - 0 M,0 O,0 X,
OR-D (17, 24) - 0 M,0 O,0 X,0PP,0RR,
OR-D (17, 25) - 0 M,0 O,0 Y,0 Z,0AI,
OR-D (17, 26) - 0 K,0 G,
OR-D (17, 27) - 0 M,0 O,0 W,0 U,0AA,
OR-D (17, 28) - 0 M,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D (17, 29) - 0 M,0 O,0 W,
OR-D (17, 30) - 0 M,0 O,0 X,0PP,0RR,0SS,
OR-D (17, 31) - NO ,
OR-D (17, 32) - 0 M,0 O,0 W,0 V,
OR-D (17, 33) - 0 M,0 O,0 W,0 V,0MM,
OR-D (17, 34) - 0 M,0 O,0 W,0 V,0MM,0JJ,
OR-D (17, 35) - 0 M,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D (17, 36) - 0 M,0 O,0 X,0PP,0RR,0SS,0VV,
OR-D (17, 37) - 0 M,0 O,0 Y,0 Z,
OR-D (17, 38) - 0 M,0 O,0 Y,0 Z,0AI,0AJ,0AK,
OR-D (17, 39) - 0 M,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (17, 40) - NO ,
OR-D (17, 41) - NO ,
OR-D (17, 42) - NO ,
OR-D (17, 43) - 0 M,0 O,0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D (17, 44) - 0 M,0 O,0 Y,0 Z,0AI,0AG,
OR-D (17, 45) - 0 L,
OR-D (17, 46) - NO ,

ZONE # 18

OR-D (18, 1) - 0 B,0 Q,0 R,0 S,
OR-D (18, 2) - 0 Q,0 R,0 S,5 A,
OR-D (18, 3) - 0CC,0BB,0AA,0 U,0 T,
OR-D (18, 4) - 5DD,0CC,0BB,0AA,0 U,0 T,
OR-D (18, 5) - 0 R,0 S,
OR-D (18, 6) - 5 P,0 R,0 S,
OR-D (18, 7) - 0 S,
OR-D (18, 8) - 0AA,0 U,0 T,
OR-D (18, 9) - 0BB,0AA,0 U,0 T,
OR-D (18, 10) - 0FF,0GG,0JJ,0MM,0 V,0 T,
OR-D (18, 11) - 0 O,0 T,
OR-D (18, 12) - 0 T,
OR-D (18, 13) - 5RR,0PP,0 X,0 T,
OR-D (18, 14) - 0AH,0 Z,0 Y,0 T,
OR-D (18, 15) - 0AI,0 Z,0 Y,0 T,
OR-D (18, 16) - 0 N,0 O,0 T,
OR-D (18, 17) - 0 N,0 O,0 T,
OR-D (18, 18) - NO ,
OR-D (18, 19) - 0 T,0 W,0 U,
OR-D (18, 20) - 0 T,0 W,0 U,0AA,
OR-D (18, 21) - 0 T,0 W,0 U,0AA,0BB,
OR-D (18, 22) - 0 T,0 W,0 V,0MM,0JJ,0GG,
OR-D (18, 23) - 0 T,0 X,
OR-D (18, 24) - 0 T,0 X,0PP,0RR,
OR-D (18, 25) - 0 T,0 Y,0 Z,0AI,
OR-D (18, 26) - 0 T,0 O,0 N,0 J,0 G,
OR-D (18, 27) - 0 T,0 W,0 U,0AA,
OR-D (18, 28) - 0 T,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D (18, 29) - 0 T,0 W,
OR-D (18, 30) - 0 T,0 X,0PP,0RR,0SS,
OR-D (18, 31) - 0 T,0 O,0 M,
OR-D (18, 32) - 0 T,0 W,0 V,
OR-D (18, 33) - 0 T,0 W,0 V,0MM,
OR-D (18, 34) - 0 T,0 W,0 V,0MM,0JJ,
OR-D (18, 35) - 0 T,0 W,0 V,0MM,0JJ,0II,
OR-D (18, 36) - 0 T,0 X,0PP,0RR,0SS,0VV,
OR-D (18, 37) - 0 T,0 Y,0 Z,
OR-D (18, 38) - 0 T,0 Y,0 Z,0AI,0AJ,0AK,
OR-D (18, 39) - 0 T,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (18, 40) - NO ,
OR-D (18, 41) - NO ,
OR-D (18, 42) - NO ,
OR-D (18, 43) - 0 T,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D (18, 44) - 0 T,0 X,0 Z,0AI,0AG,0QQ,
OR-D (18, 45) - 0 T,0 O,0 M,0 L,
OR-D (18, 46) - NO ,

ZONE # 19

OR-D (19, 1) - 0 B,0 Q,0 R,0 S,0 T,0 U,
OR-D (19, 2) - 0 Q,0 R,0 S,0 T,0 U,5 A,
OR-D (19, 3) - 0CC,0BB,0AA,
OR-D (19, 4) - 5DD,0CC,0BB,0AA,
OR-D (19, 5) - 0 R,0 S,0 T,0 U,
OR-D (19, 6) - 5 P,0 R,0AS,0 U,
OR-D (19, 7) - 0 S,0 T,0 U,
OR-D (19, 8) - 0AA,
OR-D (19, 9) - 0BB,0AA,

```
OR-D ( 19, 10) -  OFF,OGG,OJJ,OMM,ONN,
OR-D ( 19, 11) -  0 O,0 W,0 U,
OR-D ( 19, 12) -  0 W,0 U,
OR-D ( 19, 13) -  5RR,OOO,ONN,
OR-D ( 19, 14) -  OAH,0 Z,OQQ,OPP,OOO,ONN,
OR-D ( 19, 15) -  OAI,0 Z,OQQ,OPP,OOO,ONN,
OR-D ( 19, 16) -  0 N,0 O,0 W,0 U,
OR-D ( 19, 17) -  0 M,0 O,0 W,0 U,
OR-D ( 19, 18) -  0 T,0 W,0 U,
OR-D ( 19, 19) -  NO ,
OR-D ( 19, 20) -  OAA,
OR-D ( 19, 21) -  OAA,OBB,
OR-D ( 19, 22) -  OAA,OBB,OHH,OGG,
OR-D ( 19, 23) -  ONN,OOO,OPP,
OR-D ( 19, 24) -  OAA,OKK,OLL,
OR-D ( 19, 25) -  0 U,0 W,0 Y,0 Z,OAI,
OR-D ( 19, 26) -  0 U,0 W,0 O,0 N,0 J,0 G,
OR-D ( 19, 27) -  OAA,
OR-D ( 19, 28) -  OAA,OBB,OHH,OGG,OFF,
OR-D ( 19, 29) -  0 U,
OR-D ( 19, 30) -  ONN,OOO,ORR,OSS,
OR-D ( 19, 31) -  0 U,0 W,0 O,0 M,
OR-D ( 19, 32) -  ONN,
OR-D ( 19, 33) -  OAA,OKK,
OR-D ( 19, 34) -  OAA,OBB,OHH,
OR-D ( 19, 35) -  OAA,OBB,OHH,OII,
OR-D ( 19, 36) -  ONN,OOO,ORR,OSS,OVV,
OR-D ( 19, 37) -  ONN,OOO,OPP,OQQ,0 Z,
OR-D ( 19, 38) -  ONN,OOO,OPP,OQQ,0 Z,OAI,OAJ,OAK,
OR-D ( 19, 39) -  ONN,OOO,ORR,OSS,OVV,OWW,
OR-D ( 19, 40) -  NO ,
OR-D ( 19, 41) -  NO ,
OR-D ( 19, 42) -  NO ,
OR-D ( 19, 43) -  5NN,5 U,5 V,OQQ,0 Z,OAI,OAJ,OAK,OAE,OAU,
OR-D ( 19, 44) -  5NN,5 U,5 V,OQQ,0 Z,OAI,OAG,OAU,
OR-D ( 19, 45) -  0 U,0 W,0 O,0 M,0 L,
OR-D ( 19, 46) -  NO ,
```

ZONE # 20

```
OR-D ( 20, 1) -  0 B,0 Q,0 R,0 S,0 T,0 U,OAA,
OR-D ( 20, 2) -  0 Q,0 R,0 S,0 T,0 U,OAA,0 A,
OR-D ( 20, 3) -  OCC,OBB,
OR-D ( 20, 4) -  5DD,OCC,OBB,
OR-D ( 20, 5) -  0 R,0 S,0 T,0 U,OAA,
OR-D ( 20, 6) -  5 P,0 R,0 S,OAT,0 U,OAA,
OR-D ( 20, 7) -  0 S,0 T,0 U,OAA,
OR-D ( 20, 8) -  NO ,
OR-D ( 20, 9) -  OBB,
OR-D ( 20, 10) -  OFF,OGG,OJJ,OKK,
OR-D ( 20, 11) -  0 O,0 W,0 U,OAA,
OR-D ( 20, 12) -  0 W,0 U,OAA,
OR-D ( 20, 13) -  5RR,OLL,OKK,
OR-D ( 20, 14) -  OAH,0 Z,OQQ,OPP,ORR,OLL,OKK,
OR-D ( 20, 15) -  OAI,0 Z,OQQ,OPP,ORR,OLL,OKK,
OR-D ( 20, 16) -  0 N,0 O,0 W,0 U,OAA,
OR-D ( 20, 17) -  0 M,0 O,0 W,0 U,OAA,
OR-D ( 20, 18) -  0 T,0 W,0 U,OAA,
OR-D ( 20, 19) -  OAA,
OR-D ( 20, 20) -  NO ,
```

OR-D (20, 21) - 0BB,
OR-D (20, 22) - 5KK,5JJ,5BB,5HH,0GG,
OR-D (20, 23) - 0AA,0NN,0OO,0PP,
OR-D (20, 24) - 0KK,0LL,
OR-D (20, 25) - 0AA,0NN,0OO,0PP,0QQ,0 Z,0AI,
OR-D (20, 26) - 0AA,0 U,0 W,0 O,0 N,0 J,0 G,
OR-D (20, 27) - NO ,
OR-D (20, 28) - 0BB,0HH,0GG,0FF,
OR-D (20, 29) - 0AA,0 U,
OR-D (20, 30) - 0KK,0LL,0SS,
OR-D (20, 31) - 0AA,0 U,0 O,0 M,
OR-D (20, 32) - 5AA,5KK,5NN,5MM,
OR-D (20, 33) - 0KK,
OR-D (20, 34) - 0BB,0HH,
OR-D (20, 35) - 0BB,0LL,0II,
OR-D (20, 36) - 0KK,0LL,0SS,0VV,
OR-D (20, 37) - 0AA,0NN,0OO,0PP,0QQ,0 Z,
OR-D (20, 38) - 0KK,0LL,0SS,0AD,
OR-D (20, 39) - 0KK,0LL,0SS,0VV,0WW,
OR-D (20, 40) - NO ,
OR-D (20, 41) - NO ,
OR-D (20, 42) - NO ,
OR-D (20, 43) - 0KK,0LL,0SS,0AD,0AE,
OR-D (20, 44) - 0AA,0NN,0OO,0PP,0QQ,0 Z,0AI,0AG,
OR-D (20, 45) - 0AA,0 U,0 W,0 O,0 M,0 L,
OR-D (20, 46) - NO ,

ZONE # 21

OR-D (21, 1) - 0 B,0 Q,0 R,0 S,0 T,0 U,0AA,0BB,
OR-D (21, 2) - 0 Q,0 R,0 S,0 T,0 U,0AA,0BB,5 A,
OR-D (21, 3) - 0CC,
OR-D (21, 4) - 5DD,0CC,
OR-D (21, 5) - 0 R,0 S,0 T,0 U,0AA,0BB,
OR-D (21, 6) - 0 H,0 N,0 O,0 W,0 U,0AA,0BB,5 P,
OR-D (21, 7) - 0 S,0 T,0 U,0AA,0BB,
OR-D (21, 8) - 0BB,
OR-D (21, 9) - NO ,
OR-D (21, 10) - 0FF,0GG,0HH,
OR-D (21, 11) - 0 O,0 W,0 U,0AA,0BB,
OR-D (21, 12) - 0 W,0 U,0AA,0BB,
OR-D (21, 13) - 5RR,0LL,0JJ,0HH,
OR-D (21, 14) - 0AH,0 Z,0QQ,0PP,0OO,0MM,0JJ,0HH,
OR-D (21, 15) - 0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,0HH,
OR-D (21, 16) - 0 N,0 O,0 W,0 U,0AA,0BB,
OR-D (21, 17) - 0 M,0 O,0 W,0 U,0AA,0BB,
OR-D (21, 18) - 0 T,0 W,0 U,0AA,0BB,
OR-D (21, 19) - 0AA,0BB,
OR-D (21, 20) - 0BB,
OR-D (21, 21) - NO ,
OR-D (21, 22) - 0HH,0GG,
OR-D (21, 23) - 0HH,0JJ,0MM,0OO,0PP,
OR-D (21, 24) - 0HH,0JJ,0LL,
OR-D (21, 25) - 0HH,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,
OR-D (21, 26) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 N,0 J,0 G,
OR-D (21, 27) - 0BB,
OR-D (21, 28) - 0HH,0GG,0FF,
OR-D (21, 29) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,
OR-D (21, 30) - 0HH,0II,0TT,0AC,
OR-D (21, 31) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,

OR-D (21, 32) - 0HH,0JJ,0MM,
OR-D (21, 33) - 0HH,0JJ,
OR-D (21, 34) - 0HH,
OR-D (21, 35) - 0HH,0II,
OR-D (21, 36) - 0HH,0II,0TT,0UU,0WW,
OR-D (21, 37) - 0HH,0JJ,0MM,000,0PP,0QQ,0 Z,
OR-D (21, 38) - 0HH,0II,0TT,0AC,0AD,
OR-D (21, 39) - 0HH,0II,0TT,0UU,
OR-D (21, 40) - NO ,
OR-D (21, 41) - NO ,
OR-D (21, 42) - NO ,
OR-D (21, 43) - 0HH,0II,0TT,0AC,0AD,0AE,
OR-D (21, 44) - 0HH,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,0AG,
OR-D (21, 45) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,0 L,
OR-D (21, 46) - NO ,

ZONE # 22

OR-D (22, 1) - 0 B,0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,
OR-D (22, 2) - 0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,5 A,
OR-D (22, 3) - 0CC,0HH,0GG,
OR-D (22, 4) - 5DD,0CC,0HH,0GG,
OR-D (22, 5) - 0 R,0 S,0 T,5 W,5 V,5MM,5JJ,5 U,5AA,5BB,5HH,0GG,
OR-D (22, 6) - 0 H,0 N,0 O,0 W,0 V,0MM,0JJ,0BB,5 P,
OR-D (22, 7) - 0 S,0 T,0 W,0 V,0MM,0JJ,0GG,
OR-D (22, 8) - 5KK,5JJ,5BB,5HH,0GG,
OR-D (22, 9) - 0HH,0GG,
OR-D (22, 10) - 0FF,
OR-D (22, 11) - 0 O,0 W,0 V,0MM,0JJ,0GG,
OR-D (22, 12) - 0 W,0 V,0MM,0JJ,0GG,
OR-D (22, 13) - 5RR,0LL,0JJ,0GG,
OR-D (22, 14) - 0AH,0 Z,0QQ,0PP,000,0MM,0JJ,0GG,
OR-D (22, 15) - 0AI,0 Z,0QQ,0PP,000,0MM,0JJ,0GG,
OR-D (22, 16) - 0 N,0 O,0 W,0 U,0AA,0BB,0HH,0GG,
OR-D (22, 17) - 0 M,0 O,0 W,0 V,0MM,0JJ,0GG,
OR-D (22, 18) - 0 T,0 W,0 V,0MM,0JJ,0GG,
OR-D (22, 19) - 0AA,0BB,0HH,0GG,
OR-D (22, 20) - 5KK,5JJ,5BB,5HH,0GG,
OR-D (22, 21) - 0HH,0GG,
OR-D (22, 22) - NO ,
OR-D (22, 23) - 0GG,0JJ,0MM,000,0PP,
OR-D (22, 24) - 0GG,0JJ,0LL,
OR-D (22, 25) - 0GG,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,
OR-D (22, 26) - 0GG,0JJ,0MM,0 V,0 W,0 O,0 N,0 J,0 G,
OR-D (22, 27) - 0GG,5HH,5JJ,5KK,5BB,
OR-D (22, 28) - 0FF,
OR-D (22, 29) - 0GG,0JJ,0MM,0 V,
OR-D (22, 30) - 0GG,0II,0TT,0AC,
OR-D (22, 31) - 0GG,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D (22, 32) - 0GG,0JJ,0MM,
OR-D (22, 33) - 0GG,0JJ,
OR-D (22, 34) - 0GG,
OR-D (22, 35) - 0GG,0II,
OR-D (22, 36) - 0GG,0II,0TT,0UU,0WW,
OR-D (22, 37) - 0GG,0JJ,0MM,000,0PP,0QQ,0 Z,
OR-D (22, 38) - 0GG,0II,0TT,0AC,0AD,
OR-D (22, 39) - 0GG,0II,0TT,0UU,
OR-D (22, 40) - NO ,
OR-D (22, 41) - NO ,
OR-D (22, 42) - NO ,

OR-D (22, 43) - OGG,OII,OTT,OAC,OAD,OAE,
OR-D (22, 44) - OGG,OJJ,OMM,OOO,OPP,OQQ,O Z,OAI,OAG,
OR-D (22, 45) - OGG,OJJ,OMM,O V,O W,O O,O M,O L,
OR-D (22, 46) - NO ,

ZONE # 23

OR-D (23, 1) - O B,O Q,O R,O S,O T,O X,
OR-D (23, 2) - O Q,O R,OAS,OAU,5 A,
OR-D (23, 3) - OCC,OHH,OJJ,OMM,O O,OPP,
OR-D (23, 4) - 5DD,OCC,OHH,OJJ,OMM,OOO,OPP,
OR-D (23, 5) - O R,O S,OAT,OAU,
OR-D (23, 6) - 5 H,5 N,5 O,5 P,5 R,5 S,5 T,O X,
OR-D (23, 7) - OAS,OAU,
OR-D (23, 8) - OAA,ONN,OOO,OPP,
OR-D (23, 9) - OHH,OJJ,OMM,OOO,OPP,
OR-D (23, 10) - OFF,OGG,OJJ,OMM,OOO,OPP,
OR-D (23, 11) - O O,O X,
OR-D (23, 12) - O X,
OR-D (23, 13) - 5RR,OPP,
OR-D (23, 14) - OAH,O Z,OQQ,
OR-D (23, 15) - OAI,O Z,OQQ,
OR-D (23, 16) - O N,O O,O X,
OR-D (23, 17) - O M,O O,O X,
OR-D (23, 18) - O T,O X,
OR-D (23, 19) - ONN,OOO,OPP,
OR-D (23, 20) - OAA,ONN,OOO,OPP,
OR-D (23, 21) - OHH,OJJ,OMM,OOO,OPP,
OR-D (23, 22) - OGG,OJJ,OMM,OOO,OPP,
OR-D (23, 23) - NO ,
OR-D (23, 24) - OPP,ORR,
OR-D (23, 25) - OQQ,O Z,OAI,
OR-D (23, 26) - O X,O O,O N,O J,O G,
OR-D (23, 27) - OPP,OOO,ONN,OAA,
OR-D (23, 28) - OPP,OOO,OMM,OJJ,OGG,OFF,
OR-D (23, 29) - O X,O W,
OR-D (23, 30) - OPP,ORR,OSS,
OR-D (23, 31) - O X,O O,O M,
OR-D (23, 32) - OPP,OOO,
OR-D (23, 33) - OPP,OOO,OMM,
OR-D (23, 34) - OPP,OOO,OMM,OJJ,
OR-D (23, 35) - OPP,OOO,OMM,OJJ,OII,
OR-D (23, 36) - OPP,ORR,OSS,OVV,
OR-D (23, 37) - OQQ,O Z,
OR-D (23, 38) - OQQ,O Z,OAI,OAJ,OAK,
OR-D (23, 39) - OPP,ORR,OSS,OVV,OWW,
OR-D (23, 40) - NO ,
OR-D (23, 41) - NO ,
OR-D (23, 42) - NO ,
OR-D (23, 43) - OQQ,O Z,OAI,OAJ,OAK,OAE,
OR-D (23, 44) - OQQ,O Z,OAI,OAG,
OR-D (23, 45) - O X,O O,O M,O L,
OR-D (23, 46) - NO ,

ZONE # 24

OR-D (24, 1) - O B,O Q,O R,O S,O T,O X,OPP,ORR,
OR-D (24, 2) - O Q,O R,OAS,OAU,ORR,OPP,5 A,
OR-D (24, 3) - OCC,OHH,OJJ,OLL,
OR-D (24, 4) - 5DD,OCC,OHH,OII,OTT,OAC,OSS,

```
OR-D ( 24, 5) -  0 R,0 S,0AT,0AU,0PP,0RR,
OR-D ( 24, 6) -  5 H,5 N,5 O,5 P,5 R,5 S,5 T,0 X,0PP,0RR,
OR-D ( 24, 7) -  0AS,0AU,0RR,0PP,
OR-D ( 24, 8) -  0KK,0LL,
OR-D ( 24, 9) -  0HH,0JJ,0LL,
OR-D ( 24, 10) - 0FF,0GG,0JJ,0LL,
OR-D ( 24, 11) - 0 O,0 X,0PP,0RR,
OR-D ( 24, 12) - 0 X,0PP,0RR,
OR-D ( 24, 13) - 5RR,
OR-D ( 24, 14) - 0AH,0 Z,0QQ,0PP,0RR,
OR-D ( 24, 15) - 0AI,0 Z,0QQ,0PP,0RR,
OR-D ( 24, 16) - 0 N,0 O,0 X,0PP,0RR,
OR-D ( 24, 17) - 0 M,0 O,0 X,0PP,0RR,
OR-D ( 24, 18) - 0 T,0 X,0PP,0RR,
OR-D ( 24, 19) - 0AA,0KK,0LL,
OR-D ( 24, 20) - 0KK,0LL,
OR-D ( 24, 21) - 0HH,0JJ,0LL,
OR-D ( 24, 22) - 0GG,0JJ,0LL,
OR-D ( 24, 23) - 0PP,0RR,
OR-D ( 24, 24) - NO ,
OR-D ( 24, 25) - 0RR,0PP,0QQ,0 Z,0AI,
OR-D ( 24, 26) - 0RR,0PP,0 X,0 O,0 N,0 J,0 G,
OR-D ( 24, 27) - 0LL,0KK,
OR-D ( 24, 28) - 0LL,0KK,0JJ,0GG,0FF,
OR-D ( 24, 29) - 0RR,0PP,0 X,0 W,
OR-D ( 24, 30) - 0SS,
OR-D ( 24, 31) - 0RR,0PP,0 X,0 O,0 M,
OR-D ( 24, 32) - 0RR,0OO,
OR-D ( 24, 33) - 0LL,
OR-D ( 24, 34) - 0LL,0JJ,
OR-D ( 24, 35) - 0LL,0JJ,0II,
OR-D ( 24, 36) - 0SS,0VV,
OR-D ( 24, 37) - 0RR,0PP,0QQ,0 Z,
OR-D ( 24, 38) - 0SS,0AD,
OR-D ( 24, 39) - 0SS,0VV,0WW,
OR-D ( 24, 40) - NO ,
OR-D ( 24, 41) - NO ,
OR-D ( 24, 42) - NO ,
OR-D ( 24, 43) - 0SS,0AD,0AE,
OR-D ( 24, 44) - 0RR,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 24, 45) - 0RR,0PP,0 X,0 O,0 M,0 L,
OR-D ( 24, 46) - NO ,
```

ZONE # 25

```
OR-D ( 25, 1) -  0 C,0 F,0 G,0 J,0 N,0 O,0 Y,0 Z,0AI,
OR-D ( 25, 2) -  0 Q,0 R,0AS,0AU,0AI,0QQ,0 Z,5 A,
OR-D ( 25, 3) -  0CC,0HH,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 4) -  5DD,0CC,0HH,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 5) -  0 R,0 S,0AT,0AU,0QQ,0 Z,0AI,
OR-D ( 25, 6) -  0 H,0 N,0 O,0 Y,0 Z,0AI,5 P,
OR-D ( 25, 7) -  0 S,0 T,0 Y,0 Z,0AI,
OR-D ( 25, 8) -  0AA,0NN,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 9) -  0HH,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 10) - 0FF,0GG,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 11) - 0 O,0 Y,0 Z,0AI,
OR-D ( 25, 12) - 0 Y,0 Z,0AI,
OR-D ( 25, 13) - 5RR,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 14) - 0AH,0AI,
OR-D ( 25, 15) - NO ,
```

```
OR-D ( 25, 16) -  0 N,0 O,0 Y,0 Z,0AI,
OR-D ( 25, 17) -  0 M,0 O,0 Y,0 Z,0AI,
OR-D ( 25, 18) -  0 T,0 Y,0 Z,0AI,
OR-D ( 25, 19) -  0 U,0 W,0 Y,0 Z,0AI,
OR-D ( 25, 20) -  0AA,0NN,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 21) -  0HH,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 22) -  0GG,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 23) -  0QQ,0 Z,0AI,
OR-D ( 25, 24) -  0RR,0PP,0QQ,0 Z,0AI,
OR-D ( 25, 25) -  NO ,
OR-D ( 25, 26) -  0AI,0 Z,0 Y,0 O,0 N,0 J,0 G,
OR-D ( 25, 27) -  0AI,0 Z,0QQ,0PP,0OO,0NN,0AA,
OR-D ( 25, 28) -  0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,0GG,0FF,
OR-D ( 25, 29) -  0AI,0 Z,0 Y,0 W,
OR-D ( 25, 30) -  0AI,0 Z,0QQ,0PP,0RR,0SS,
OR-D ( 25, 31) -  0AI,0 Z,0 Y,0 O,0 M,
OR-D ( 25, 32) -  0AI,0 Z,0QQ,0PP,0OO,
OR-D ( 25, 33) -  0AI,0 Z,0QQ,0PP,0OO,0MM,
OR-D ( 25, 34) -  0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,
OR-D ( 25, 35) -  0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,0II,
OR-D ( 25, 36) -  0AT,0AJ,0XX,
OR-D ( 25, 37) -  0AI,
OR-D ( 25, 38) -  0AJ,0AK,
OR-D ( 25, 39) -  0AJ,0AV,0XX,0WW,
OR-D ( 25, 40) -  0AJ,0AK,0AL,
OR-D ( 25, 41) -  0AJ,0AV,0YY,
OR-D ( 25, 42) -  0AJ,0AV,0YY,0AO,0AN,
OR-D ( 25, 43) -  0AJ,0AK,0AE,
OR-D ( 25, 44) -  0AG,
OR-D ( 25, 45) -  0AI,0 Z,0 Y,0 O,0 M,0 L,
OR-D ( 25, 46) -  0AJ,0AV,0YY,0AP,0AQ,
```

ZONE # 26

```
OR-D ( 26, 1) -   0 C,0 F,
OR-D ( 26, 2) -   0 B,0 C,0 F,5 A,
OR-D ( 26, 3) -   0CC,0HH,0JJ,0MM,0 V,0 W,0 O,0 N,0 J,0 G,
OR-D ( 26, 4) -   5DD,0CC,5HH,5JJ,5MM,5 V,5 W,5BB,5AA,5 U,0 O,0 N,0 J,0 G,
OR-D ( 26, 5) -   0 P,0 I,
OR-D ( 26, 6) -   0 I,5 P,
OR-D ( 26, 7) -   0 R,0 P,0 I,
OR-D ( 26, 8) -   0AA,0 U,0 W,0 O,0 N,0 G,
OR-D ( 26, 9) -   5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 N,5 J,5 G,5 H,5 I,
OR-D ( 26, 10) -  0FF,0GG,0JJ,0MM,0 V,0 W,0 O,0 N,0 J,0 G,
OR-D ( 26, 11) -  0 N,0 J,0 G,
OR-D ( 26, 12) -  0 O,0 N,0 J,0 G,
OR-D ( 26, 13) -  5RR,0PP,0 X,0 O,0 N,0 J,0 G,
OR-D ( 26, 14) -  0AH,0 Z,0 Y,0 O,0 N,0 J,0 G,
OR-D ( 26, 15) -  0AI,0 Z,0 Y,0 O,0 N,0 J,0 G,
OR-D ( 26, 16) -  0 J,0 G,
OR-D ( 26, 17) -  0 K,0 G,
OR-D ( 26, 18) -  0 T,0 O,0 N,0 J,0 G,
OR-D ( 26, 19) -  0 U,0 W,0 O,0 N,0 J,0 G,
OR-D ( 26, 20) -  0AA,0 U,0 W,0 O,0 N,0 J,0 G,
OR-D ( 26, 21) -  5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 N,0 J,0 G,
OR-D ( 26, 22) -  0GG,0JJ,0MM,0 V,0 W,0 O,0 N,0 J,0 G,
OR-D ( 26, 23) -  0 X,0 O,0 N,0 J,0 G,
OR-D ( 26, 24) -  0RR,0PP,0 X,0 O,0 N,0 J,0 G,
OR-D ( 26, 25) -  0AI,0 Z,0 Y,0 O,0 N,0 J,0 G,
OR-D ( 26, 26) -  NO ,
```

OR-D (26, 27) - 0 G,0 J,0 N,0 O,0 W,0 U,0AA,
OR-D (26, 28) - 0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D (26, 29) - 0 G,0 J,0 N,0 O,0 W,
OR-D (26, 30) - 0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,
OR-D (26, 31) - 0 G,0 K,
OR-D (26, 32) - 0 G,0 J,0 N,0 O,0 W,0 V,
OR-D (26, 33) - 0 G,0 J,0 N,0 O,0 W,0 V,0MM,
OR-D (26, 34) - 0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,
OR-D (26, 35) - 0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D (26, 36) - 0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,
OR-D (26, 37) - 0 G,0 J,0 N,0 O,0 Y,0 Z,
OR-D (26, 38) - 0 G,0 J,0 N,0 O,0 Y,0 Z,0AI,0AJ,0AK,
OR-D (26, 39) - 0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (26, 40) - NO ,
OR-D (26, 41) - NO ,
OR-D (26, 42) - NO ,
OR-D (26, 43) - 0 G,0 J,0 N,0 O,0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D (26, 44) - 0 G,0 J,0 N,0 O,0 Y,0 Z,0AI,0AG,
OR-D (26, 45) - 0 G,0 K,0 L,
OR-D (26, 46) - NO ,

ZONE # 27

OR-D (27, 1) - 0 B,0 Q,0 R,0 S,0 T,0 U,0AA,
OR-D (27, 2) - 0 Q,0 R,0 S,0 T,0 U,0AA,5 A,
OR-D (27, 3) - 0CC,0BB,
OR-D (27, 4) - 5DD,0CC,0BB,
OR-D (27, 5) - 0 R,0 S,0 T,0 U,0AA,
OR-D (27, 6) - 5 P,0 R,0 S,0AT,0 U,0AA,
OR-D (27, 7) - 0 S,0 T,0 U,0AA,
OR-D (27, 8) - NO ,
OR-D (27, 9) - 0BB,
OR-D (27, 10) - 0FF,0GG,0JJ,0KK,
OR-D (27, 11) - 0 O,0 W,0 U,0AA,
OR-D (27, 12) - 0 W,0 U,0AA,
OR-D (27, 13) - 5RR,0LL,0KK,
OR-D (27, 14) - 0AH,0 Z,0QQ,0PP,0RR,0LL,0KK,
OR-D (27, 15) - 0AI,0 Z,0QQ,0PP,0RR,0LL,0KK,
OR-D (27, 16) - 0 N,0 O,0 W,0 U,0AA,
OR-D (27, 17) - 0 M,0 O,0 W,0 U,0AA,
OR-D (27, 18) - 0 T,0 W,0 U,0AA,
OR-D (27, 19) - 0AA,
OR-D (27, 20) - NO ,
OR-D (27, 21) - 0BB,
OR-D (27, 22) - 0GG,5HH,5JJ,5KK,5BB,
OR-D (27, 23) - 0PP,0OO,0NN,0AA,
OR-D (27, 24) - 0LL,0KK,
OR-D (27, 25) - 0AI,0 Z,0QQ,0PP,0OO,0NN,0AA,
OR-D (27, 26) - 0 G,0 J,0 N,0 O,0 W,0 U,0AA,
OR-D (27, 27) - NO ,
OR-D (27, 28) - 0BB,0HH,0GG,0FF,
OR-D (27, 29) - 0AA,0 U,
OR-D (27, 30) - 0KK,0LL,0SS,
OR-D (27, 31) - 0AA,0 U,0 O,0 M,
OR-D (27, 32) - 5AA,5KK,5NN,5MM,
OR-D (27, 33) - 0KK,
OR-D (27, 34) - 0BB,0HH,
OR-D (27, 35) - 0BB,0HH,0II,
OR-D (27, 36) - 0KK,0LL,0SS,0VV,
OR-D (27, 37) - 0AA,0NN,0OO,0PP,0QQ,0 Z,

```
OR-D ( 27, 38) -  0KK,0LL,0SS,0AD,
OR-D ( 27, 39) -  0KK,0LL,0SS,0VV,0WW,
OR-D ( 27, 40) -  NO ,
OR-D ( 27, 41) -  NO ,
OR-D ( 27, 42) -  NO ,
OR-D ( 27, 43) -  0KK,0LL,0SS,0AD,0AE,
OR-D ( 27, 44) -  0AA,0NN,0OO,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 27, 45) -  0AA,0 U,0 W,0 O,0 M,0 L,
OR-D ( 27, 46) -  NO ,
```

ZONE # 28

```
OR-D ( 28, 1) -   0 B,0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 2) -   0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0GG,0FF,5 A,
OR-D ( 28, 3) -   0CC,0HH,0GG,0FF,
OR-D ( 28, 4) -   5DD,0CC,0HH,0GG,0FF,
OR-D ( 28, 5) -   0 R,0 S,0 T,5 W,5 V,5MM,5JJ,5 U,5AA,5BB,5HH,0GG,0FF,
OR-D ( 28, 6) -   0 H,0 N,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,5 P,
OR-D ( 28, 7) -   0 S,0 T,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 8) -   0BB,0HH,0GG,0FF,
OR-D ( 28, 9) -   0HH,0GG,0FF,
OR-D ( 28, 10) -  NO ,
OR-D ( 28, 11) -  0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 12) -  0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 13) -  5RR,0LL,0JJ,0GG,0FF,
OR-D ( 28, 14) -  0AH,0 Z,0QQ,0PP,0OO,0MM,0JJ,0GG,0FF,
OR-D ( 28, 15) -  0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,0GG,0FF,
OR-D ( 28, 16) -  0 N,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 17) -  0 M,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 18) -  0 T,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 19) -  0AA,0BB,0HH,0GG,0FF,
OR-D ( 28, 20) -  0BB,0HH,0GG,0FF,
OR-D ( 28, 21) -  0HH,0GG,0FF,
OR-D ( 28, 22) -  0FF,
OR-D ( 28, 23) -  0PP,0OO,0MM,0JJ,0GG,0FF,
OR-D ( 28, 24) -  0LL,0KK,0JJ,0GG,0FF,
OR-D ( 28, 25) -  0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,0GG,0FF,
OR-D ( 28, 26) -  0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,0GG,0FF,
OR-D ( 28, 27) -  0BB,0HH,0GG,0FF,
OR-D ( 28, 28) -  NO ,
OR-D ( 28, 29) -  0FF,0GG,0JJ,0MM,0 V,
OR-D ( 28, 30) -  0FF,0GG,0II,0TT,0AC,
OR-D ( 28, 31) -  0FF,0GG,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D ( 28, 32) -  0FF,0GG,0JJ,0MM,
OR-D ( 28, 33) -  0FF,0GG,0JJ,
OR-D ( 28, 34) -  0FF,0GG,
OR-D ( 28, 35) -  0FF,0GG,0II,
OR-D ( 28, 36) -  0FF,0GG,0II,0TT,0UU,0WW,
OR-D ( 28, 37) -  0FF,0GG,0JJ,0MM,0OO,0PP,0QQ,0 Z,
OR-D ( 28, 38) -  0FF,0GG,0II,0TT,0AC,0AD,
OR-D ( 28, 39) -  0FF,0GG,0II,0TT,0UU,
OR-D ( 28, 40) -  NO ,
OR-D ( 28, 41) -  NO ,
OR-D ( 28, 42) -  NO ,
OR-D ( 28, 43) -  0FF,0GG,0II,0TT,0AC,0AD,0AE,
OR-D ( 28, 44) -  0FF,0GG,0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 28, 45) -  0FF,0GG,0JJ,0MM,0 V,0 W,0 O,0 M,0 L,
OR-D ( 28, 46) -  NO ,
```

ZONE # 29

```
OR-D ( 29, 1) -   0 B,0 Q,0 R,0 S,0 T,0 W,
OR-D ( 29, 2) -   0 Q,0 R,0 S,0 T,0 W,5 A,
OR-D ( 29, 3) -   OCC,OHH,OJJ,OMM,0 V,
OR-D ( 29, 4) -   5DD,OCC,5BB,5AA,5 U,5HH,5JJ,5MM,5 V,
OR-D ( 29, 5) -   0 R,0 S,0 T,0 W,
OR-D ( 29, 6) -   5 P,0 R,OAS,
OR-D ( 29, 7) -   0 S,0 T,0 W,
OR-D ( 29, 8) -   OAA,0 U,
OR-D ( 29, 9) -   5BB,5AA,5 U,5HH,5JJ,5MM,5 V,
OR-D ( 29, 10) -  OFF,OGG,OJJ,OMM,0 V,
OR-D ( 29, 11) -  0 O,0 W,
OR-D ( 29, 12) -  0 W,
OR-D ( 29, 13) -  5RR,OPP,0 X,0 W,
OR-D ( 29, 14) -  OAH,0 Z,0 Y,0 W,
OR-D ( 29, 15) -  OAI,0 Z,0 Y,0 W,
OR-D ( 29, 16) -  0 N,0 O,0 W,
OR-D ( 29, 17) -  0 M,0 O,0 W,
OR-D ( 29, 18) -  0 T,0 W,
OR-D ( 29, 19) -  0 U,
OR-D ( 29, 20) -  OAA,0 U,
OR-D ( 29, 21) -  5BB,5AA,5 U,5HH,5JJ,5MM,5 V,
OR-D ( 29, 22) -  OGG,OJJ,OMM,0 V,
OR-D ( 29, 23) -  0 X,0 W,
OR-D ( 29, 24) -  ORR,OPP,0 X,0 W,
OR-D ( 29, 25) -  OAI,0 Z,0 Y,0 W,
OR-D ( 29, 26) -  0 G,0 J,0 N,0 O,0 W,
OR-D ( 29, 27) -  OAA,0 U,
OR-D ( 29, 28) -  OFF,OGG,OJJ,OMM,0 V,
OR-D ( 29, 29) -  NO ,
OR-D ( 29, 30) -  0 W,0 X,OPP,ORR,OSS,
OR-D ( 29, 31) -  0 W,0 O,0 M,
OR-D ( 29, 32) -  0 V,
OR-D ( 29, 33) -  0 V,OMM,
OR-D ( 29, 34) -  0 V,OMM,OJJ,
OR-D ( 29, 35) -  0 V,OMM,OJJ,OII,
OR-D ( 29, 36) -  0 W,0 X,OPP,ORR,OSS,OVV,
OR-D ( 29, 37) -  0 W,0 Y,0 Z,
OR-D ( 29, 38) -  0 W,0 Y,0 Z,OAI,OAJ,OAK,
OR-D ( 29, 39) -  0 W,0 X,OPP,ORR,OSS,OVV,OWW,
OR-D ( 29, 40) -  NO ,
OR-D ( 29, 41) -  NO ,
OR-D ( 29, 42) -  NO ,
OR-D ( 29, 43) -  0 W,0 Y,0 Z,OAI,OAJ,OAK,OAE,
OR-D ( 29, 44) -  0 W,0 Y,0 Z,OAI,OAG,
OR-D ( 29, 45) -  0 W,0 O,0 M,0 L,
OR-D ( 29, 46) -  NO ,
```

ZONE # 30

```
OR-D ( 30, 1) -   0 B,0 Q,0 R,0 S,0 T,0 X,OPP,ORR,OSS,
OR-D ( 30, 2) -   0 Q,0 R,OAS,OAU,5 A,OPP,ORR,OSS,
OR-D ( 30, 3) -   OCC,OHH,OII,OTT,OAC,
OR-D ( 30, 4) -   5DD,OCC,OHH,OII,OTT,OAC,
OR-D ( 30, 5) -   0 R,0 S,OAT,OAU,OPP,ORR,OSS,
OR-D ( 30, 6) -   0 H,0 N,0 O,0 X,OPP,ORR,OSS,5 P,
OR-D ( 30, 7) -   OAS,OAU,OSS,OPP,ORR,
OR-D ( 30, 8) -   OKK,OLL,OSS,
OR-D ( 30, 9) -   OHH,OII,OTT,OAC,
OR-D ( 30, 10) -  OFF,OGG,OII,OTT,OAC,
```

```
OR-D ( 30, 11) -  0 O,0 X,0PP,0RR,0SS,
OR-D ( 30, 12) -  0 X,0PP,0RR,0SS,
OR-D ( 30, 13) -  5RR,0SS,
OR-D ( 30, 14) -  0AH,0 Z,0QQ,0PP,0RR,0SS,
OR-D ( 30, 15) -  0AI,0 Z,0QQ,0PP,0RR,0SS,
OR-D ( 30, 16) -  0 N,0 O,0 X,0PP,0RR,0SS,
OR-D ( 30, 17) -  0 M,0 O,0 X,0PP,0RR,0SS,
OR-D ( 30, 18) -  0 T,0 X,0PP,0RR,0SS,
OR-D ( 30, 19) -  0NN,0OO,0RR,0SS,
OR-D ( 30, 20) -  0KK,0LL,0SS,
OR-D ( 30, 21) -  0HH,0II,0TT,0AC,
OR-D ( 30, 22) -  0GG,0II,0TT,0AC,
OR-D ( 30, 23) -  0PP,0RR,0SS,
OR-D ( 30, 24) -  0SS,
OR-D ( 30, 25) -  0AI,0 Z,0QQ,0PP,0RR,0SS,
OR-D ( 30, 26) -  0 G,0 J,0 M,0 O,0 X,0PP,0RR,0SS,
OR-D ( 30, 27) -  0KK,0LL,0SS,
OR-D ( 30, 28) -  0FF,0GG,0II,0TT,0AC,
OR-D ( 30, 29) -  0 W,0 X,0PP,0RR,0SS,
OR-D ( 30, 30) -  NO ,
OR-D ( 30, 31) -  0SS,0RR,0PP,0 X,0 O,0 M,
OR-D ( 30, 32) -  0SS,0RR,0OO,
OR-D ( 30, 33) -  0SS,0LL,
OR-D ( 30, 34) -  0AC,0TT,0II,
OR-D ( 30, 35) -  0AC,0TT,
OR-D ( 30, 36) -  0VV,
OR-D ( 30, 37) -  0SS,0RR,0PP,0QQ,0 Z,
OR-D ( 30, 38) -  0AD,
OR-D ( 30, 39) -  0VV,0WW,
OR-D ( 30, 40) -  NO ,
OR-D ( 30, 41) -  NO ,
OR-D ( 30, 42) -  NO ,
OR-D ( 30, 43) -  0AD,0AE,
OR-D ( 30, 44) -  0SS,0RR,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 30, 45) -  0SS,0RR,0PP,0 X,0 O,0 M,0 L,
OR-D ( 30, 46) -  NO ,
```

ZONE # 31

```
OR-D ( 31, 1) -   0 C,0 F,0 G,0 K,
OR-D ( 31, 2) -   0 Q,0 R,0 S,0 T,5 A,
OR-D ( 31, 3) -   0CC,0HH,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D ( 31, 4) -   5DD,0CC,5BB,5AA,5 U,5HH,5JJ,5MM,5 V,5 W,0 O,0 M,
OR-D ( 31, 5) -   5 P,5 I,5 G,5 K,5 R,5 S,5 T,5 O,5 M,
OR-D ( 31, 6) -   0 I,0 G,0 K,5 P,
OR-D ( 31, 7) -   0 S,0 T,0 O,0 M,
OR-D ( 31, 8) -   0AA,0 U,0 O,0 M,
OR-D ( 31, 9) -   5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,
OR-D ( 31, 10) -  0FF,0GG,0JJ,0MM,0 V,0 W,0 O,0 M,
OR-D ( 31, 11) -  0 M,
OR-D ( 31, 12) -  0 O,0 M,
OR-D ( 31, 13) -  5RR,0PP,0 X,0 O,0 M,
OR-D ( 31, 14) -  0AH,0 Z,0 Y,0 O,0 M,
OR-D ( 31, 15) -  0AI,0 Z,0 Y,0 O,0 M,
OR-D ( 31, 16) -  0 N,0 M,
OR-D ( 31, 17) -  NO ,
OR-D ( 31, 18) -  0 T,0 O,0 M,
OR-D ( 31, 19) -  0 U,0 W,0 O,0 M,
OR-D ( 31, 20) -  0AA,0 U,0 O,0 M,
OR-D ( 31, 21) -  5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,
```

OR-D (31, 22) - OGG,OJJ,OMM,0 V,0 W,0 O,0 M,
OR-D (31, 23) - 0 X,0 O,0 M,
OR-D (31, 24) - ORR,OPP,0 X,0 O,0 M,
OR-D (31, 25) - OAI,0 Z,0 Y,0 O,0 M,
OR-D (31, 26) - 0 G,0 K,
OR-D (31, 27) - OAA,0 U,0 O,0 M,
OR-D (31, 28) - OFF,OGG,OJJ,OMM,0 V,0 W,0 O,0 M,
OR-D (31, 29) - 0 W,0 O,0 M,
OR-D (31, 30) - OSS,ORR,OPP,0 X,0 O,0 M,
OR-D (31, 31) - NO ,
OR-D (31, 32) - 0 M,0 O,0 W,0 V,
OR-D (31, 33) - 0 M,0 O,0 W,0 V,OMM,
OR-D (31, 34) - 0 M,0 O,0 W,0 V,OMM,OJJ,
OR-D (31, 35) - 0 M,0 O,0 W,0 V,OMM,OJJ,OII,
OR-D (31, 36) - 0 M,0 O,0 X,OPP,ORR,OSS,OVV,
OR-D (31, 37) - 0 M,0 O,0 Y,0 Z,
OR-D (31, 38) - 0 M,0 O,0 Y,0 Z,OAI,OAJ,OAK,
OR-D (31, 39) - 0 M,0 O,0 X,OPP,ORR,OSS,OVV,OWW,
OR-D (31, 40) - NO ,
OR-D (31, 41) - NO ,
OR-D (31, 42) - NO ,
OR-D (31, 43) - 0 M,0 O,0 X,0 Z,OAI,OAJ,OAK,OAE,OQQ,
OR-D (31, 44) - 0 M,0 O,0 X,0 Z,0 A,OAG,OQQ,
OR-D (31, 45) - 0 L,
OR-D (31, 46) - NO ,

ZONE # 32

OR-D (32, 1) - 0 C,0 F,0 G,0 J,0 N,0 O,0 W,0 V,
OR-D (32, 2) - 0 Q,0 R,0 S,0 T,0 W,0 V,5 A,
OR-D (32, 3) - OCC,OHH,OJJ,OMM,
OR-D (32, 4) - 5DD,OCC,5BB,5AA,5NN,5HH,5JJ,5MM,
OR-D (32, 5) - 0 R,0 S,0 T,0 W,0 V,
OR-D (32, 6) - 0 H,0 N,0 O,0 W,0 V,5 P,
OR-D (32, 7) - 0 S,0 T,0 W,0 V,
OR-D (32, 8) - 5AA,5KK,5NN,5MM,
OR-D (32, 9) - OHH,OJJ,OMM,
OR-D (32, 10) - OFF,OGG,OJJ,OMM,
OR-D (32, 11) - 0 O,0 W,0 V,
OR-D (32, 12) - 0 W,0 V,
OR-D (32, 13) - 5RR,OOO,
OR-D (32, 14) - OAH,0 Z,OQQ,OPP,OOO,
OR-D (32, 15) - OAI,0 Z,OQQ,OPP,OOO,
OR-D (32, 16) - 0 N,0 O,0 W,0 V,
OR-D (32, 17) - 0 M,0 O,0 W,0 V,
OR-D (32, 18) - 0 T,0 W,0 V,
OR-D (32, 19) - ONN,
OR-D (32, 20) - 5AA,5KK,5NN,5MM,
OR-D (32, 21) - OHH,OJJ,OMM,
OR-D (32, 22) - OGG,OJJ,OMM,
OR-D (32, 23) - OPP,OOO,
OR-D (32, 24) - ORR,OOO,
OR-D (32, 25) - OAI,0 Z,OQQ,OPP,OOO,
OR-D (32, 26) - 0 G,0 J,0 N,0 O,0 W,0 V,
OR-D (32, 27) - 5AA,5KK,5NN,5MM,
OR-D (32, 28) - OFF,OGG,OJJ,OMM,
OR-D (32, 29) - 0 V,
OR-D (32, 30) - OSS,ORR,OOO,
OR-D (32, 31) - 0 M,0 O,0 W,0 V,
OR-D (32, 32) - NO ,

```
OR-D ( 32, 33) -  OMM,
OR-D ( 32, 34) -  OMM,OJJ,
OR-D ( 32, 35) -  OMM,OJJ,OII,
OR-D ( 32, 36) -  OOO,ORR,OSS,OVV,
OR-D ( 32, 37) -  OOO,OPP,OQQ,O Z,
OR-D ( 32, 38) -  OOO,OPP,OQQ,O Z,OAI,OAJ,OAK,
OR-D ( 32, 39) -  OOO,ORR,OSS,OVV,OWW,
OR-D ( 32, 40) -  NO ,
OR-D ( 32, 41) -  NO ,
OR-D ( 32, 42) -  NO ,
OR-D ( 32, 43) -  OOO,ORR,OSS,OAD,OAE,
OR-D ( 32, 44) -  OOO,OPP,OQQ,O Z,OAI,OAG,
OR-D ( 32, 45) -  O V,O W,O O,O M,O L,
OR-D ( 32, 46) -  NO ,
```

ZONE # 33

```
OR-D ( 33, 1) -   O C,O F,O G,O J,O N,O O,O W,O V,OMM,
OR-D ( 33, 2) -   O Q,O R,O S,O T,O W,O V,OMM,5 A,
OR-D ( 33, 3) -   OCC,OHH,OJJ,
OR-D ( 33, 4) -   5DD,OCC,5BB,5KK,5HH,5JJ,
OR-D ( 33, 5) -   O R,O S,O T,O W,O V,OMM,
OR-D ( 33, 6) -   O H,O N,O O,O W,O V,OMM,5 P,
OR-D ( 33, 7) -   O S,O T,O W,O V,OMM,
OR-D ( 33, 8) -   OKK,
OR-D ( 33, 9) -   OHH,OJJ,
OR-D ( 33, 10) -  OFF,OGG,OJJ,
OR-D ( 33, 11) -  O O,O W,O V,OMM,
OR-D ( 33, 12) -  O W,O V,OMM,
OR-D ( 33, 13) -  5RR,OLL,
OR-D ( 33, 14) -  OAH,O Z,OQQ,OPP,ORR,OLL,
OR-D ( 33, 15) -  OAI,O Z,OQQ,OPP,ORR,OLL,
OR-D ( 33, 16) -  O N,O O,O W,O V,OMM,
OR-D ( 33, 17) -  O M,O O,O W,O V,OMM,
OR-D ( 33, 18) -  O T,O W,O V,OMM,
OR-D ( 33, 19) -  OAA,OKK,
OR-D ( 33, 20) -  OKK,
OR-D ( 33, 21) -  OHH,OJJ,
OR-D ( 33, 22) -  OGG,OJJ,
OR-D ( 33, 23) -  OPP,OOO,OMM,
OR-D ( 33, 24) -  OLL,
OR-D ( 33, 25) -  OAI,O Z,OQQ,OPP,OOO,OMM,
OR-D ( 33, 26) -  O G,O J,O N,O O,O W,O V,OMM,
OR-D ( 33, 27) -  OKK,
OR-D ( 33, 28) -  OFF,OGG,OJJ,
OR-D ( 33, 29) -  O V,OMM,
OR-D ( 33, 30) -  OSS,OLL,
OR-D ( 33, 31) -  O M,O O,O W,O V,OMM,
OR-D ( 33, 32) -  OMM,
OR-D ( 33, 33) -  NO ,
OR-D ( 33, 34) -  OJJ,
OR-D ( 33, 35) -  OJJ,OII,
OR-D ( 33, 36) -  OLL,OSS,OVV,
OR-D ( 33, 37) -  OMM,OOO,OPP,OQQ,O Z,
OR-D ( 33, 38) -  OLL,OSS,OAD,
OR-D ( 33, 39) -  OLL,OSS,OVV,OWW,
OR-D ( 33, 40) -  NO ,
OR-D ( 33, 41) -  NO ,
OR-D ( 33, 42) -  NO ,
OR-D ( 33, 43) -  OLL,OSS,OAD,OAE,
```

```
OR-D ( 33, 44) -  0MM,0OO,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 33, 45) -  0MM,0 V,0 W,0 O,0 M,0 L,
OR-D ( 33, 46) -  NO ,
```

ZONE # 34

```
OR-D ( 34, 1) -   0 C,0 F,0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,
OR-D ( 34, 2) -   0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,5 A,
OR-D ( 34, 3) -   0CC,0HH,
OR-D ( 34, 4) -   5DD,0CC,0HH,
OR-D ( 34, 5) -   0 R,0 S,0 T,0 W,0 V,0MM,0JJ,
OR-D ( 34, 6) -   0 H,0 N,0 O,0 W,0 V,0MM,0JJ,5 P,
OR-D ( 34, 7) -   0 S,0 T,0 W,0 V,0MM,0JJ,
OR-D ( 34, 8) -   0BB,0HH,
OR-D ( 34, 9) -   0HH,
OR-D ( 34, 10) -  0FF,0GG,
OR-D ( 34, 11) -  0 O,0 W,0 V,0MM,0JJ,
OR-D ( 34, 12) -  0 W,0 V,0MM,0JJ,
OR-D ( 34, 13) -  5RR,0LL,0JJ,
OR-D ( 34, 14) -  0AH,0 Z,0QQ,0PP,0OO,0MM,0JJ,
OR-D ( 34, 15) -  0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,
OR-D ( 34, 16) -  0 N,0 O,0 W,0 V,0MM,0JJ,
OR-D ( 34, 17) -  0 M,0 O,0 W,0 V,0MM,0JJ,
OR-D ( 34, 18) -  0 T,0 W,0 V,0MM,0JJ,
OR-D ( 34, 19) -  0AA,0BB,0HH,
OR-D ( 34, 20) -  0BB,0HH,
OR-D ( 34, 21) -  0HH,
OR-D ( 34, 22) -  0GG,
OR-D ( 34, 23) -  0PP,0OO,0MM,0JJ,
OR-D ( 34, 24) -  0LL,0JJ,
OR-D ( 34, 25) -  0AI,0 Z,0QQ,0PP,0OO,0MM,0JJ,
OR-D ( 34, 26) -  0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,
OR-D ( 34, 27) -  0BB,0HH,
OR-D ( 34, 28) -  0FF,0GG,
OR-D ( 34, 29) -  0 V,0MM,0JJ,
OR-D ( 34, 30) -  0AC,0TT,0II,
OR-D ( 34, 31) -  0 M,0 O,0 W,0 V,0MM,0JJ,
OR-D ( 34, 32) -  0MM,0JJ,
OR-D ( 34, 33) -  0JJ,
OR-D ( 34, 34) -  NO ,
OR-D ( 34, 35) -  0II,
OR-D ( 34, 36) -  0II,0TT,0UU,0WW,
OR-D ( 34, 37) -  0JJ,0MM,0OO,0PP,0QQ,0 Z,
OR-D ( 34, 38) -  0II,0TT,0AC,0AD,
OR-D ( 34, 39) -  0II,0TT,0UU,
OR-D ( 34, 40) -  NO ,
OR-D ( 34, 41) -  NO ,
OR-D ( 34, 42) -  NO ,
OR-D ( 34, 43) -  0II,0TT,0AC,0AD,0AE,
OR-D ( 34, 44) -  0JJ,0MM,0OO,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 34, 45) -  0JJ,0MM,0 V,0 W,0 O,0 M,0 L,
OR-D ( 34, 46) -  NO ,
```

ZONE # 35

```
OR-D ( 35, 1) -   0 C,0 F,0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 2) -   0 Q,0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0II,5 A,
OR-D ( 35, 3) -   0CC,0HH,0II,
OR-D ( 35, 4) -   5DD,0CC,0HH,0II,
OR-D ( 35, 5) -   0 R,0 S,0 T,0 W,0 V,0MM,0JJ,0II,
```

```
OR-D ( 35, 6) -   0 H,0 N,0 O,0 W,0 V,0MM,0JJ,0II,5 P,
OR-D ( 35, 7) -   0 S,0 T,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 8) -   0BB,0HH,0II,
OR-D ( 35, 9) -   0HH,0II,
OR-D ( 35, 10) -  0FF,0GG,0II,
OR-D ( 35, 11) -  0 O,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 12) -  0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 13) -  5RR,0LL,0JJ,0II,
OR-D ( 35, 14) -  0AH,0 Z,0QQ,0PP,000,0MM,0JJ,0II,
OR-D ( 35, 15) -  0AI,0 Z,0QQ,0PP,000,0MM,0JJ,0II,
OR-D ( 35, 16) -  0 N,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 17) -  0 M,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 18) -  0 T,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 19) -  0AA,0BB,0HH,0II,
OR-D ( 35, 20) -  0BB,0LL,0II,
OR-D ( 35, 21) -  0HH,0II,
OR-D ( 35, 22) -  0GG,0II,
OR-D ( 35, 23) -  0PP,000,0MM,0JJ,0II,
OR-D ( 35, 24) -  0LL,0JJ,0II,
OR-D ( 35, 25) -  0AI,0 Z,0QQ,0PP,000,0MM,0JJ,0II,
OR-D ( 35, 26) -  0 G,0 J,0 N,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 27) -  0BB,0HH,0II,
OR-D ( 35, 28) -  0FF,0GG,0II,
OR-D ( 35, 29) -  0 V,0MM,0JJ,0II,
OR-D ( 35, 30) -  0AC,0TT,
OR-D ( 35, 31) -  0 M,0 O,0 W,0 V,0MM,0JJ,0II,
OR-D ( 35, 32) -  0MM,0JJ,0II,
OR-D ( 35, 33) -  0JJ,0II,
OR-D ( 35, 34) -  0II,
OR-D ( 35, 35) -  NO ,
OR-D ( 35, 36) -  0TT,0UU,0WW,
OR-D ( 35, 37) -  0II,0JJ,0MM,000,0PP,0QQ,0 Z,
OR-D ( 35, 38) -  0TT,0AC,0AD,
OR-D ( 35, 39) -  0TT,0UU,
OR-D ( 35, 40) -  0TT,0AC,0AD,0AL,
OR-D ( 35, 41) -  0TT,0UU,0ZZ,
OR-D ( 35, 42) -  NO ,
OR-D ( 35, 43) -  0TT,0AC,0AD,0AE,
OR-D ( 35, 44) -  0II,0JJ,0MM,000,0PP,0QQ,0 Z,0AI,0AG,
OR-D ( 35, 45) -  0II,0JJ,0MM,0 V,0 W,0 O,0 M,0 L,
OR-D ( 35, 46) -  NO ,
```

ZONE # 36

```
OR-D ( 36, 1) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,
OR-D ( 36, 2) -   0 Q,0 R,0AS,0AU,5 A,0PP,0RR,0SS,0VV,
OR-D ( 36, 3) -   0CC,0HH,0II,0TT,0UU,0WW,
OR-D ( 36, 4) -   5DD,0CC,0HH,0II,0TT,0UU,0WW,
OR-D ( 36, 5) -   0 R,0 S,0AT,0AU,0PP,0RR,0SS,0VV,
OR-D ( 36, 6) -   0 H,0 N,0 O,0 X,0PP,0RR,0SS,0VV,5 P,
OR-D ( 36, 7) -   0AS,0AU,0VV,0PP,0RR,0SS,
OR-D ( 36, 8) -   0KK,0LL,0SS,0VV,
OR-D ( 36, 9) -   0HH,0II,0TT,0UU,0WW,
OR-D ( 36, 10) -  0FF,0GG,0II,0TT,0UU,0WW,
OR-D ( 36, 11) -  0 O,0 X,0PP,0RR,0SS,0VV,
OR-D ( 36, 12) -  0 X,0PP,0RR,0SS,0VV,
OR-D ( 36, 13) -  5RR,0SS,0VV,
OR-D ( 36, 14) -  0AH,0AI,0AJ,0AV,0XX,
OR-D ( 36, 15) -  0AT,0AJ,0XX,
OR-D ( 36, 16) -  0 N,0 O,0 X,0PP,0RR,0SS,0VV,
```

OR-D (36, 17) - 0 M,0 O,0 X,0PP,0RR,0SS,0VV,
OR-D (36, 18) - 0 T,0 X,0PP,0RR,0SS,0VV,
OR-D (36, 19) - ONN,OOO,0RR,0SS,0VV,
OR-D (36, 20) - OKK,OLL,0SS,0VV,
OR-D (36, 21) - OHH,OII,OTT,OUU,OWW,
OR-D (36, 22) - OGG,OII,OTT,OUU,OWW,
OR-D (36, 23) - OPP,ORR,0SS,0VV,
OR-D (36, 24) - OSS,OVV,
OR-D (36, 25) - OAT,OAJ,OXX,
OR-D (36, 26) - 0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,
OR-D (36, 27) - OKK,OLL,0SS,0VV,
OR-D (36, 28) - OFF,OGG,OII,OTT,OUU,OWW,
OR-D (36, 29) - 0 W,0 X,0PP,0RR,0SS,0VV,
OR-D (36, 30) - OVV,
OR-D (36, 31) - 0 M,0 O,0 X,0PP,0RR,0SS,0VV,
OR-D (36, 32) - OOO,0RR,0SS,0VV,
OR-D (36, 33) - OLL,0SS,0VV,
OR-D (36, 34) - OII,OTT,OUU,OWW,
OR-D (36, 35) - OTT,OUU,OWW,
OR-D (36, 36) - NO ,
OR-D (36, 37) - OXX,OAV,OAJ,OAI,
OR-D (36, 38) - OVV,OAD,
OR-D (36, 39) - OWW,
OR-D (36, 40) - OVV,OAD,OAL,
OR-D (36, 41) - OWW,OZZ,
OR-D (36, 42) - OWW,OZZ,OAO,OAN,
OR-D (36, 43) - OVV,OAD,OAE,
OR-D (36, 44) - OXX,OAV,OAJ,OAG,
OR-D (36, 45) - OVV,OSS,ORR,OPP,0 X,0 O,0 M,0 L,
OR-D (36, 46) - OWW,OZZ,OAP,OAQ,

ZONE # 37

OR-D (37, 1) - 0 C,0 F,0 G,0 J,0 N,0 O,0 X,0 Z,0QQ,
OR-D (37, 2) - 0 Q,0 R,0AS,0AU,5 A,0QQ,0 Z,
OR-D (37, 3) - OCC,OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,
OR-D (37, 4) - 5DD,OCC,OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,
OR-D (37, 5) - 0 R,0 S,0 T,5 Y,5 X,5QQ,0 Z,
OR-D (37, 6) - 0 H,0 N,0 O,0 X,0 Z,0QQ,
OR-D (37, 7) - OAS,OAU,0QQ,0 Z,
OR-D (37, 8) - OAA,ONN,OOO,OPP,OQQ,0 Z,
OR-D (37, 9) - OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,
OR-D (37, 10) - OFF,OGG,OJJ,OMM,OOO,OPP,OQQ,0 Z,
OR-D (37, 11) - 0 O,0 Y,0 Z,
OR-D (37, 12) - 0 Y,0 Z,
OR-D (37, 13) - 5RR,OPP,0QQ,0 Z,
OR-D (37, 14) - OAH,
OR-D (37, 15) - OAI,
OR-D (37, 16) - 0 N,0 O,0 Y,0 Z,
OR-D (37, 17) - 0 M,0 O,0 Y,0 Z,
OR-D (37, 18) - 0 T,0 Y,0 Z,
OR-D (37, 19) - ONN,OOO,OPP,OQQ,0 Z,
OR-D (37, 20) - OAA,ONN,OOO,OPP,OQQ,0 Z,
OR-D (37, 21) - OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,
OR-D (37, 22) - OGG,OJJ,OMM,OOO,OPP,OQQ,0 Z,
OR-D (37, 23) - OQQ,0 Z,
OR-D (37, 24) - ORR,OPP,OQQ,0 Z,
OR-D (37, 25) - OAI,
OR-D (37, 26) - 0 G,0 J,0 N,0 O,0 Y,0 Z,
OR-D (37, 27) - OAA,ONN,OOO,OPP,OQQ,0 Z,

OR-D (37, 28) - OFF,OGG,OJJ,OMM,OOO,OPP,OQQ,O Z,
OR-D (37, 29) - O W,O Y,O Z,
OR-D (37, 30) - OSS,ORR,OPP,OQQ,O Z,
OR-D (37, 31) - O M,O O,O Y,O Z,
OR-D (37, 32) - OOO,OPP,OQQ,O Z,
OR-D (37, 33) - OMM,OOO,OPP,OQQ,O Z,
OR-D (37, 34) - OJJ,OMM,OOO,OPP,OQQ,O Z,
OR-D (37, 35) - OII,OJJ,OMM,OOO,OPP,OQQ,O Z,
OR-D (37, 36) - OXX,OAV,OAJ,OAI,
OR-D (37, 37) - NO ,
OR-D (37, 38) - OAI,OAJ,OAK,
OR-D (37, 39) - OAI,OAJ,OAV,OXX,OWW,
OR-D (37, 40) - OAI,OAJ,OAK,OAL,
OR-D (37, 41) - OAI,OAJ,OAV,OYY,
OR-D (37, 42) - OAI,OAJ,OAV,OYY,OAO,OAN,
OR-D (37, 43) - OAI,OAJ,OAK,OAE,
OR-D (37, 44) - OAI,OAG,
OR-D (37, 45) - O Z,O Y,O O,O M,O L,
OR-D (37, 46) - OAI,OAJ,OAV,OYY,OAP,OAQ,

ZONE # 38

OR-D (38, 1) - O C,O F,O G,O J,O N,O O,O X,O Z,OAI,OAJ,OAK,OQQ,
OR-D (38, 2) - O Q,O R,OAS,OAJ,OAK,OQQ,O Z,OAI,
OR-D (38, 3) - OCC,OHH,OII,OTT,OAC,OAD,
OR-D (38, 4) - 5DD,OCC,OHH,OII,OTT,OAC,OAD,
OR-D (38, 5) - O R,O S,O T,5 X,5 Y,5QQ,O Z,OAI,OAJ,OAK,
OR-D (38, 6) - O H,O N,O O,O X,O Z,OAI,OAJ,OAK,OQQ,
OR-D (38, 7) - OAS,OAU,OQQ,O Z,OAI,OAJ,OAK,
OR-D (38, 8) - OKK,OLL,OSS,OAD,
OR-D (38, 9) - OHH,OII,OTT,OAC,OAD,
OR-D (38, 10) - OFF,OGG,OII,OTT,OAC,OAD,
OR-D (38, 11) - O O,O Y,O Z,OAI,OAJ,OAK,OAE,
OR-D (38, 12) - O Y,O Z,OAI,OAJ,OAK,
OR-D (38, 13) - 5RR,OPP,OQQ,O Z,OAI,OAJ,OAK,
OR-D (38, 14) - OAH,OAI,OAJ,OAK,
OR-D (38, 15) - OAJ,OAK,
OR-D (38, 16) - O N,O O,O Y,O Z,OAI,OAJ,OAK,
OR-D (38, 17) - O M,O O,O Y,O Z,OAI,OAJ,OAK,
OR-D (38, 18) - O T,O Y,O Z,OAI,OAJ,OAK,
OR-D (38, 19) - ONN,OOO,OPP,OQQ,O Z,OAI,OAJ,OAK,
OR-D (38, 20) - OKK,OLL,OSS,OAD,
OR-D (38, 21) - OHH,OII,OTT,OAC,OAD,
OR-D (38, 22) - OGG,OII,OTT,OAC,OAD,
OR-D (38, 23) - OQQ,O Z,OAI,OAJ,OAK,
OR-D (38, 24) - OSS,OAD,
OR-D (38, 25) - OAJ,OAK,
OR-D (38, 26) - O G,O J,O N,O O,O Y,O Z,OAI,OAJ,OAK,
OR-D (38, 27) - OKK,OLL,OSS,OAD,
OR-D (38, 28) - OFF,OGG,OII,OTT,OAC,OAD,
OR-D (38, 29) - O W,O Y,O Z,OAI,OAJ,OAK,
OR-D (38, 30) - OAD,
OR-D (38, 31) - O M,O O,O Y,O Z,OAI,OAJ,OAK,
OR-D (38, 32) - OOO,OPP,OQQ,O Z,OAI,OAJ,OAK,
OR-D (38, 33) - OLL,OSS,OAD,
OR-D (38, 34) - OII,OTT,OAC,OAD,
OR-D (38, 35) - OTT,OAC,OAD,
OR-D (38, 36) - OVV,OAD,
OR-D (38, 37) - OAI,OAJ,OAK,
OR-D (38, 38) - NO ,

OR-D (38,-39) - 0AD,0VV,0WW,
OR-D (38, 40) - 0AL,
OR-D (38, 41) - 0AL,0AM,0AO,
OR-D (38, 42) - 0AL,0AM,0AN,
OR-D (38, 43) - 0AE,
OR-D (38, 44) - 0AK,0AJ,0AG,
OR-D (38, 45) - 0AK,0AJ,0AI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (38, 46) - 0AL,0AM,0AO,0AP,0AQ,

ZONE # 39

OR-D (39, 1) - 0 C,0 F,0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 2) - 0 Q,0 R,0 S,0 T,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 3) - 0CC,0HH,0II,0TT,0UU,
OR-D (39, 4) - 5DD,0CC,0HH,0II,0TT,0UU,
OR-D (39, 5) - 0 R,0 S,0AT,0AU,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 6) - 0 H,0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,5 P,
OR-D (39, 7) - 0AS,0AU,0QQ,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 8) - 0KK,0LL,0SS,0VV,0WW,
OR-D (39, 9) - 0HH,0II,0TT,0UU,
OR-D (39, 10) - 0FF,0GG,0II,0TT,0UU,
OR-D (39, 11) - 0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 12) - 0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 13) - 5RR,0SS,0VV,0WW,
OR-D (39, 14) - 0AH,0AI,0AJ,0AV,0XX,0WW,
OR-D (39, 15) - 0AJ,0AV,0XX,0WW,
OR-D (39, 16) - 0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 17) - 0 M,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 18) - 0 T,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 19) - 0NN,0OO,0RR,0SS,0VV,0WW,
OR-D (39, 20) - 0KK,0LL,0SS,0VV,0WW,
OR-D (39, 21) - 0HH,0II,0TT,0UU,
OR-D (39, 22) - 0GG,0II,0TT,0UU,
OR-D (39, 23) - 0PP,0RR,0SS,0VV,0WW,
OR-D (39, 24) - 0SS,0VV,0WW,
OR-D (39, 25) - 0AJ,0AV,0XX,0WW,
OR-D (39, 26) - 0 G,0 J,0 N,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 27) - 0KK,0LL,0SS,0VV,0WW,
OR-D (39, 28) - 0FF,0GG,0II,0TT,0UU,
OR-D (39, 29) - 0 W,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 30) - 0VV,0WW,
OR-D (39, 31) - 0 M,0 O,0 X,0PP,0RR,0SS,0VV,0WW,
OR-D (39, 32) - 0OO,0RR,0SS,0VV,0WW,
OR-D (39, 33) - 0LL,0SS,0VV,0WW,
OR-D (39, 34) - 0II,0TT,0UU,
OR-D (39, 35) - 0TT,0UU,
OR-D (39, 36) - 0WW,
OR-D (39, 37) - 0AI,0AJ,0AV,0XX,0WW,
OR-D (39, 38) - 0AD,0VV,0WW,
OR-D (39, 39) - NO ,
OR-D (39, 40) - 0ZZ,0AO,0AM,
OR-D (39, 41) - 0ZZ,
OR-D (39, 42) - 0ZZ,0AO,0AN,
OR-D (39, 43) - 0WW,0VV,0AD,0AE,
OR-D (39, 44) - 0WW,0XX,0AJ,0AT,0AG,
OR-D (39, 45) - 0WW,0VV,0SS,0RR,0PP,0 X,0 O,0 M,0 L,
OR-D (39, 46) - 0ZZ,0AP,0AQ,

ZONE # 40

```
OR-D ( 40, 1) -  NO ,
OR-D ( 40, 2) -  NO ,
OR-D ( 40, 3) -  NO ,
OR-D ( 40, 4) -  NO ,
OR-D ( 40, 5) -  NO ,
OR-D ( 40, 6) -  NO ,
OR-D ( 40, 7) -  NO ,
OR-D ( 40, 8) -  NO ,
OR-D ( 40, 9) -  NO ,
OR-D ( 40, 10) - NO ,
OR-D ( 40, 11) - NO ,
OR-D ( 40, 12) - NO ,
OR-D ( 40, 13) - NO ,
OR-D ( 40, 14) - 0AH,0AI,0AJ,0AK,0AL,
OR-D ( 40, 15) - 0AJ,0AK,0AL,
OR-D ( 40, 16) - NO ,
OR-D ( 40, 17) - NO ,
OR-D ( 40, 18) - NO ,
OR-D ( 40, 19) - NO ,
OR-D ( 40, 20) - NO ,
OR-D ( 40, 21) - NO ,
OR-D ( 40, 22) - NO ,
OR-D ( 40, 23) - NO ,
OR-D ( 40, 24) - NO ,
OR-D ( 40, 25) - 0AJ,0AK,0AL,
OR-D ( 40, 26) - NO ,
OR-D ( 40, 27) - NO ,
OR-D ( 40, 28) - NO ,
OR-D ( 40, 29) - NO ,
OR-D ( 40, 30) - NO ,
OR-D ( 40, 31) - NO ,
OR-D ( 40, 32) - NO ,
OR-D ( 40, 33) - NO ,
OR-D ( 40, 34) - NO ,
OR-D ( 40, 35) - 0TT,0AC,0AD,0AL,
OR-D ( 40, 36) - 0VV,0AD,0AL,
OR-D ( 40, 37) - 0AI,0AJ,0AK,0AL,
OR-D ( 40, 38) - 0AL,
OR-D ( 40, 39) - 0ZZ,0AO,0AM,
OR-D ( 40, 40) - NO ,
OR-D ( 40, 41) - 0AM,0AO,
OR-D ( 40, 42) - 0AM,0AN,
OR-D ( 40, 43) - 0AL,0AE,
OR-D ( 40, 44) - 0AL,0AK,0AJ,0AG,
OR-D ( 40, 45) - 0AL,0AK,0AJ,0AI,0 Z,0 Y,0 0,0 M,0 L,
OR-D ( 40, 46) - 0AM,0AO,0AP,0AQ,
```

ZONE # 41

```
OR-D ( 41, 1) -  NO ,
OR-D ( 41, 2) -  NO ,
OR-D ( 41, 3) -  NO ,
OR-D ( 41, 4) -  NO ,
OR-D ( 41, 5) -  NO ,
OR-D ( 41, 6) -  NO ,
OR-D ( 41, 7) -  NO ,
OR-D ( 41, 8) -  NO ,
OR-D ( 41, 9) -  NO ,
OR-D ( 41, 10) - NO ,
OR-D ( 41, 11) - NO ,
```

```
OR-D ( 41, 12) -  NO ,
OR-D ( 41, 13) -  NO ,
OR-D ( 41, 14) -  OAH,OAI,OAJ,OAV,OYY,
OR-D ( 41, 15) -  OAJ,OAV,OYY,
OR-D ( 41, 16) -  NO ,
OR-D ( 41, 17) -  NO ,
OR-D ( 41, 18) -  NO ,
OR-D ( 41, 19) -  NO ,
OR-D ( 41, 20) -  NO ,
OR-D ( 41, 21) -  NO ,
OR-D ( 41, 22) -  NO ,
OR-D ( 41, 23) -  NO ,
OR-D ( 41, 24) -  NO ,
OR-D ( 41, 25) -  OAJ,OAV,OYY,
OR-D ( 41, 26) -  NO ,
OR-D ( 41, 27) -  NO ,
OR-D ( 41, 28) -  NO ,
OR-D ( 41, 29) -  NO ,
OR-D ( 41, 30) -  NO ,
OR-D ( 41, 31) -  NO ,
OR-D ( 41, 32) -  NO ,
OR-D ( 41, 33) -  NO ,
OR-D ( 41, 34) -  NO ,
OR-D ( 41, 35) -  OTT,OUU,OZZ,
OR-D ( 41, 36) -  OWW,OZZ,
OR-D ( 41, 37) -  OAI,OAJ,OAV,OYY,
OR-D ( 41, 38) -  OAL,OAM,OAO,
OR-D ( 41, 39) -  OZZ,
OR-D ( 41, 40) -  OAM,OAO,
OR-D ( 41, 41) -  NO ,
OR-D ( 41, 42) -  OAO,OAN,
OR-D ( 41, 43) -  OAO,OAM,OAL,OAE,
OR-D ( 41, 44) -  OYY,OAV,OAJ,OAG,
OR-D ( 41, 45) -  OYY,OAV,OAJ,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D ( 41, 46) -  OAP,OAQ,
```

ZONE # 42

```
OR-D ( 42, 1) -  NO ,
OR-D ( 42, 2) -  NO ,
OR-D ( 42, 3) -  NO ,
OR-D ( 42, 4) -  NO ,
OR-D ( 42, 5) -  NO ,
OR-D ( 42, 6) -  NO ,
OR-D ( 42, 7) -  NO ,
OR-D ( 42, 8) -  NO ,
OR-D ( 42, 9) -  NO ,
OR-D ( 42, 10) -  NO ,
OR-D ( 42, 11) -  NO ,
OR-D ( 42, 12) -  NO ,
OR-D ( 42, 13) -  NO ,
OR-D ( 42, 14) -  OAH,OAI,OAJ,OAK,OAL,OAM,OAN,
OR-D ( 42, 15) -  OAJ,OAK,OAL,OAM,OAN,
OR-D ( 42, 16) -  NO ,
OR-D ( 42, 17) -  NO ,
OR-D ( 42, 18) -  NO ,
OR-D ( 42, 19) -  NO ,
OR-D ( 42, 20) -  NO ,
OR-D ( 42, 21) -  NO ,
OR-D ( 42, 22) -  NO ,
```

```
OR-D ( 42, 23) -  NO ,
OR-D ( 42, 24) -  NO ,
OR-D ( 42, 25) -  0AJ,0AV,0YY,0AO,0AN,
OR-D ( 42, 26) -  NO ,
OR-D ( 42, 27) -  NO ,
OR-D ( 42, 28) -  NO ,
OR-D ( 42, 29) -  NO ,
OR-D ( 42, 30) -  NO ,
OR-D ( 42, 31) -  NO ,
OR-D ( 42, 32) -  NO ,
OR-D ( 42, 33) -  NO ,
OR-D ( 42, 34) -  NO ,
OR-D ( 42, 35) -  NO ,
OR-D ( 42, 36) -  0WW,0ZZ,0AO,0AN,
OR-D ( 42, 37) -  0AI,0AJ,0AV,0YY,0AO,0AN,
OR-D ( 42, 38) -  0AL,0AM,0AN,
OR-D ( 42, 39) -  0ZZ,0AO,0AN,
OR-D ( 42, 40) -  0AM,0AN,
OR-D ( 42, 41) -  0AO,0AN,
OR-D ( 42, 42) -  NO ,
OR-D ( 42, 43) -  0AN,0AM,0AL,0AE,
OR-D ( 42, 44) -  NO ,
OR-D ( 42, 45) -  NO ,
OR-D ( 42, 46) -  0AN,0AO,0AP,0AQ,
```

ZONE # 43

```
OR-D ( 43, 1) -   0 C,0 F,0 G,0 J,0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D ( 43, 2) -   0 Q,0 R,0AS,0AU,5 A,0QQ,0 Z,0AI,0AJ,0AK,0AE,
OR-D ( 43, 3) -   0CC,0HH,0II,0TT,0AC,0AD,0AE,
OR-D ( 43, 4) -   5DD,0CC,0HH,0II,0TT,0AC,0AD,0AE,
OR-D ( 43, 5) -   0 R,0 S,0AT,0AU,0AE,0QQ,0 Z,0AI,0AJ,0AK,
OR-D ( 43, 6) -   0 H,0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,5 P,0QQ,
OR-D ( 43, 7) -   0AS,0AU,0QQ,0 Z,0AI,0AJ,0AK,0AE,
OR-D ( 43, 8) -   0KK,0LL,0SS,0AD,0AE,
OR-D ( 43, 9) -   0HH,0II,0TT,0AC,0AD,0AE,
OR-D ( 43, 10) -  0FF,0GG,0II,0TT,0AC,0AD,0AE,
OR-D ( 43, 11) -  0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D ( 43, 12) -  0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D ( 43, 13) -  5RR,0SS,0AD,0AE,
OR-D ( 43, 14) -  0AH,0AI,0AJ,0AK,0AE,
OR-D ( 43, 15) -  0AJ,0AK,0AE,
OR-D ( 43, 16) -  0 N,0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D ( 43, 17) -  0 M,0 O,0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D ( 43, 18) -  0 T,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D ( 43, 19) -  5NN,5 U,5 V,0QQ,0 Z,0AI,0AJ,0AK,0AE,0AU,
OR-D ( 43, 20) -  0KK,0LL,0SS,0AD,0AE,
OR-D ( 43, 21) -  0HH,0II,0TT,0AC,0AD,0AE,
OR-D ( 43, 22) -  0GG,0II,0TT,0AC,0AD,0AE,
OR-D ( 43, 23) -  0QQ,0 Z,0AI,0AJ,0AK,0AE,
OR-D ( 43, 24) -  0SS,0AD,0AE,
OR-D ( 43, 25) -  0AJ,0AK,0AE,
OR-D ( 43, 26) -  0 G,0 J,0 N,0 O,0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D ( 43, 27) -  0KK,0LL,0SS,0AD,0AE,
OR-D ( 43, 28) -  0FF,0GG,0II,0TT,0AC,0AD,0AE,
OR-D ( 43, 29) -  0 W,0 Y,0 Z,0AI,0AJ,0AK,0AE,
OR-D ( 43, 30) -  0AD,0AE,
OR-D ( 43, 31) -  0 M,0 O,0 X,0 Z,0AI,0AJ,0AK,0AE,0QQ,
OR-D ( 43, 32) -  0OO,0RR,0SS,0AD,0AE,
OR-D ( 43, 33) -  0LL,0SS,0AD,0AE,
```

OR-D (43, 34) - OII,OTT,OAC,OAD,OAE,
OR-D (43, 35) - OTT,OAC,OAD,OAE,
OR-D (43, 36) - OVV,OAD,OAE,
OR-D (43, 37) - OAI,OAJ,OAK,OAE,
OR-D (43, 38) - OAE,
OR-D (43, 39) - OWW,OVV,OAD,OAE,
OR-D (43, 40) - OAL,OAE,
OR-D (43, 41) - OAO,OAM,OAL,OAE,
OR-D (43, 42) - OAN,OAM,OAL,OAE,
OR-D (43, 43) - NO ,
OR-D (43, 44) - OAE,OAK,OAJ,OAG,
OR-D (43, 45) - OAE,OAK,OAJ,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (43, 46) - OAE,OAL,OAM,OAO,OAP,OAQ,

ZONE # 44

OR-D (44, 1) - 0 C,0 F,0 G,0 J,0 N,0 O,0 X,0 Z,OAI,OAG,OQQ,
OR-D (44, 2) - 0 Q,0 R,OAS,OAU,5 A,OQQ,0 Z,OAI,OAG,
OR-D (44, 3) - OCC,OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 4) - 5DD,OCC,OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 5) - 0 R,0 S,OAT,OAU,OAG,OQQ,0 Z,OAI,
OR-D (44, 6) - 0 H,0 N,0 O,0 X,0 Z,OAI,OAG,5 P,OQQ,
OR-D (44, 7) - OAS,OAU,OQQ,0 Z,OAI,OAG,
OR-D (44, 8) - 5AA,5 U,5KK,5MM,OQQ,0 Z,OAI,OAG,5 V,OAU,
OR-D (44, 9) - OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 10) - OFF,OGG,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 11) - 0 O,0 X,0 Z,OAI,OAG,OQQ,
OR-D (44, 12) - 0 Y,0 Z,OAI,OAG,
OR-D (44, 13) - 5RR,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 14) - OAH,OAI,OAG,
OR-D (44, 15) - OAG,
OR-D (44, 16) - 0 N,0 O,0 X,0 Z,OAI,OAG,OQQ,
OR-D (44, 17) - 0 M,0 O,0 Y,0 Z,OAI,OAG,
OR-D (44, 18) - 0 T,0 X,0 Z,OAI,OAG,OQQ,
OR-D (44, 19) - 5NN,5 U,5 V,OQQ,0 Z,OAI,OAG,OAU,
OR-D (44, 20) - OAA,ONN,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 21) - OHH,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 22) - OGG,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 23) - OQQ,0 Z,OAI,OAG,
OR-D (44, 24) - ORR,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 25) - OAG,
OR-D (44, 26) - 0 G,0 J,0 N,0 O,0 Y,0 Z,OAI,OAG,
OR-D (44, 27) - OAA,ONN,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 28) - OFF,OGG,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 29) - 0 W,0 Y,0 Z,OAI,OAG,
OR-D (44, 30) - OSS,ORR,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 31) - 0 M,0 O,0 X,0 Z,0 A,OAG,OQQ,
OR-D (44, 32) - OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 33) - OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 34) - OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 35) - OII,OJJ,OMM,OOO,OPP,OQQ,0 Z,OAI,OAG,
OR-D (44, 36) - OXX,OAV,OAJ,OAG,
OR-D (44, 37) - OAI,OAG,
OR-D (44, 38) - OAK,OAJ,OAG,
OR-D (44, 39) - OWW,OXX,OAJ,OAT,OAG,
OR-D (44, 40) - OAL,OAK,OAJ,OAG,
OR-D (44, 41) - OYY,OAV,OAJ,OAG,
OR-D (44, 42) - NO ,
OR-D (44, 43) - OAE,OAK,OAJ,OAG,
OR-D (44, 44) - NO ,

OR-D (44, 45) - OAG,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (44, 46) - OAG,OAJ,OAV,OYY,OAP,OAQ,

ZONE # 45

OR-D (45, 1) - 0 C,0 F,0 G,0 K,0 L,
OR-D (45, 2) - 0 Q,0 R,0 S,0 T,0 O,0 M,0 L,5 A,
OR-D (45, 3) - OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 4) - 5DD,OCC,OHH,OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 5) - 0 R,0 S,0 T,0 O,0 M,0 L,
OR-D (45, 6) - 0 I,0 G,0 K,0 L,5 P,
OR-D (45, 7) - 0 S,0 T,0 O,0 M,0 L,
OR-D (45, 8) - OAA,0 U,0 W,0 O,0 M,0 L,
OR-D (45, 9) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,0 L,
OR-D (45, 10) - OFF,OGG,OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 11) - 0 M,0 L,
OR-D (45, 12) - 0 O,0 M,0 L,
OR-D (45, 13) - 5RR,OPP,0 X,0 O,0 M,0 L,
OR-D (45, 14) - OAH,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 15) - OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 16) - 0 N,0 M,0 L,
OR-D (45, 17) - 0 L,
OR-D (45, 18) - 0 T,0 O,0 M,0 L,
OR-D (45, 19) - 0 U,0 W,0 O,0 M,0 L,
OR-D (45, 20) - OAA,0 U,0 W,0 O,0 M,0 L,
OR-D (45, 21) - 5BB,5AA,5 U,5HH,5JJ,5MM,5 V,0 W,0 O,0 M,0 L,
OR-D (45, 22) - OGG,OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 23) - 0 X,0 O,0 M,0 L,
OR-D (45, 24) - ORR,OPP,0 X,0 O,0 M,0 L,
OR-D (45, 25) - OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 26) - 0 G,0 K,0 L,
OR-D (45, 27) - OAA,0 U,0 W,0 O,0 M,0 L,
OR-D (45, 28) - OFF,OGG,OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 29) - 0 W,0 O,0 M,0 L,
OR-D (45, 30) - OSS,ORR,OPP,0 X,0 O,0 M,0 L,
OR-D (45, 31) - 0 L,
OR-D (45, 32) - 0 V,0 W,0 O,0 M,0 L,
OR-D (45, 33) - OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 34) - OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 35) - OII,OJJ,OMM,0 V,0 W,0 O,0 M,0 L,
OR-D (45, 36) - OVV,OSS,ORR,OPP,0 X,0 O,0 M,0 L,
OR-D (45, 37) - 0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 38) - OAK,OAJ,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 39) - OWW,OVV,OSS,ORR,OPP,0 X,0 O,0 M,0 L,
OR-D (45, 40) - OAL,OAK,OAJ,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 41) - OYY,OAV,OAJ,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 42) - NO ,
OR-D (45, 43) - OAE,OAK,OAJ,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 44) - OAG,OAI,0 Z,0 Y,0 O,0 M,0 L,
OR-D (45, 45) - NO ,
OR-D (45, 46) - 0 L,0 M,0 O,0 X,OPP,ORR,OSS,OVV,OWW,OZZ,OAP,OAQ,

ZONE # 46

OR-D (46, 1) - NO ,
OR-D (46, 2) - NO ,
OR-D (46, 3) - NO ,
OR-D (46, 4) - NO ,
OR-D (46, 5) - NO ,
OR-D (46, 6) - NO ,

```
OR-D ( 46, 7) -  NO ,
OR-D ( 46, 8) -  NO ,
OR-D ( 46, 9) -  NO ,
OR-D ( 46, 10) - NO ,
OR-D ( 46, 11) - NO ,
OR-D ( 46, 12) - NO ,
OR-D ( 46, 13) - NO ,
OR-D ( 46, 14) - OAH,OAI,OAJ,OAV,OYY,OAP,OAQ,
OR-D ( 46, 15) - OAJ,OAV,OYY,OAP,OAQ,
OR-D ( 46, 16) - NO ,
OR-D ( 46, 17) - NO ,
OR-D ( 46, 18) - NO ,
OR-D ( 46, 19) - NO ,
OR-D ( 46, 20) - NO ,
OR-D ( 46, 21) - NO ,
OR-D ( 46, 22) - NO ,
OR-D ( 46, 23) - NO ,
OR-D ( 46, 24) - NO ,
OR-D ( 46, 25) - OAJ,OAV,OYY,OAP,OAQ,
OR-D ( 46, 26) - NO ,
OR-D ( 46, 27) - NO ,
OR-D ( 46, 28) - NO ,
OR-D ( 46, 29) - NO ,
OR-D ( 46, 30) - NO ,
OR-D ( 46, 31) - NO ,
OR-D ( 46, 32) - NO ,
OR-D ( 46, 33) - NO ,
OR-D ( 46, 34) - NO ,
OR-D ( 46, 35) - NO ,
OR-D ( 46, 36) - OWW,OZZ,OAP,OAQ,
OR-D ( 46, 37) - OAI,OAJ,OAV,OYY,OAP,OAQ,
OR-D ( 46, 38) - OAL,OAM,OAO,OAP,OAQ,
OR-D ( 46, 39) - OZZ,OAP,OAQ,
OR-D ( 46, 40) - OAM,OAO,OAP,OAQ,
OR-D ( 46, 41) - OAP,OAQ,
OR-D ( 46, 42) - OAN,OAO,OAP,OAQ,
OR-D ( 46, 43) - OAE,OAL,OAM,OAO,OAP,OAQ,
OR-D ( 46, 44) - OAG,OAJ,OAV,OYY,OAP,OAQ,
OR-D ( 46, 45) - O L,O M,O O,O X,OPP,ORR,OSS,OVV,OWW,OZZ,OAP,OAQ,
OR-D ( 46, 46) - NO ,
```

FILE NAME : PBH.PTH
PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

ZON # 1

OR-D (1, 1) - NO ,
OR-D (1, 2) - NO ,
OR-D (1, 3) - NO ,
OR-D (1, 4) - NO ,
OR-D (1, 5) - NO ,
OR-D (1, 6) - NO ,
OR-D (1, 7) - NO ,
OR-D (1, 8) - NO ,
OR-D (1, 9) - NO ,
OR-D (1, 10) - NO ,
OR-D (1, 11) - NO ,
OR-D (1, 12) - 5 B,5 D,5 G,
OR-D (1, 13) - 5 G,5 D,
OR-D (1, 14) - NO ,
OR-D (1, 15) - NO ,
OR-D (1, 16) - NO ,
OR-D (1, 17) - 5 B,5 D,5 G,0 W,0 X,0GG,0EV,000,5TT,
OR-D (1, 18) - OEL,
OR-D (1, 19) - OEL,
OR-D (1, 20) - OEL,
OR-D (1, 21) - 5 B,5 D,5 G,0 W,0 X,
OR-D (1, 22) - 5 G,5 D,5 B,0 C,
OR-D (1, 23) - 5 G,5 B,5 D,0 F,0 K,0 L,
OR-D (1, 24) - 5 G,5 B,5 E,5 F,
OR-D (1, 25) - 5 B,5 E,5 K,5 I,
OR-D (1, 26) - 5 B,5 E,5 H,5 I,0 V,
OR-D (1, 27) - 5 B,5 E,5 H,5 I,0 V,0AA,0BB,
OR-D (1, 28) - 5 B,5 D,5 G,0 W,0 X,0GG,5EW,5EV,5EE,
OR-D (1, 29) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,
OR-D (1, 30) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,5SS,
OR-D (1, 31) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D (1, 32) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AF,0AE,
OR-D (1, 33) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D (1, 34) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (1, 35) - NO ,
OR-D (1, 36) - NO ,
OR-D (1, 37) - NO ,
OR-D (1, 38) - NO ,
OR-D (1, 39) - NO ,
OR-D (1, 40) - NO ,
OR-D (1, 41) - NO ,
OR-D (1, 42) - NO ,
OR-D (1, 43) - NO ,
OR-D (1, 44) - NO ,
OR-D (1, 45) - NO ,
OR-D (1, 46) - NO ,
OR-D (1, 47) - NO ,
OR-D (1, 48) - NO ,
OR-D (1, 49) - NO ,
OR-D (1, 50) - NO ,
OR-D (1, 51) - 5 B,5 E,5 H,5 I,0 V,0AA,0BB,0LL,

OR-D (1, 52) - 5 G,5 F,5 B,5 E,0 K,0 M,0 N,
OR-D (1, 53) - NO ,
OR-D (1, 54) - 5 G,5 F,5 B,5 E,0 K,0 M,0 P,
OR-D (1, 55) - 5 G,5 F,5 B,5 E,0 K,0 M,0 N,0 Q,
OR-D (1, 56) - 5 B,5 E,5 H,5 I,0 V,0AA,0BB,0CC,0JJ,0KK,
OR-D (1, 57) - NO ,
OR-D (1, 58) - NO ,

ZON # 2

OR-D (2, 1) - NO ,
OR-D (2, 2) - NO ,
OR-D (2, 3) - NO ,
OR-D (2, 4) - NO ,
OR-D (2, 5) - NO ,
OR-D (2, 6) - NO ,
OR-D (2, 7) - NO ,
OR-D (2, 8) - NO ,
OR-D (2, 9) - NO ,
OR-D (2, 10) - NO ,
OR-D (2, 11) - NO ,
OR-D (2, 12) - 0 Y,0 X,0 W,
OR-D (2, 13) - 0 Y,0 X,0 W,0 G,0 D,
OR-D (2, 14) - NO ,
OR-D (2, 15) - NO ,
OR-D (2, 16) - NO ,
OR-D (2, 17) - 0 Z,0DD,000,5TT,
OR-D (2, 18) - 0EL,
OR-D (2, 19) - 0EL,
OR-D (2, 20) - 0EL,
OR-D (2, 21) - 0 Y,0 X,0 W,0 G,0 D,
OR-D (2, 22) - 0 Y,0 X,0 W,0 G,0 D,0 C,
OR-D (2, 23) - 0 Y,0 T,0AA,0 U,0 R,0 M,0 L,
OR-D (2, 24) - 0 Y,0 T,0 V,0 H,
OR-D (2, 25) - 0 Y,0 T,0 V,5 H,5 K,
OR-D (2, 26) - 0 Y,0 T,
OR-D (2, 27) - 0 Y,0 T,0AA,0BB,
OR-D (2, 28) - 0 Z,0DD,5EE,5EV,5EW,
OR-D (2, 29) - 0 Z,0DD,0EE,0FF,
OR-D (2, 30) - 0 Z,0DD,000,0PP,5SS,
OR-D (2, 31) - 0 Z,0DD,000,0PP,0QQ,5RR,
OR-D (2, 32) - 0 Z,0DD,000,0TT,0EZ,0AD,
OR-D (2, 33) - 0 Z,0DD,0EE,0FF,0NN,0SS,0AG,0AH,
OR-D (2, 34) - 0 Z,0DD,0EE,0FF,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (2, 35) - NO ,
OR-D (2, 36) - NO ,
OR-D (2, 37) - NO ,
OR-D (2, 38) - NO ,
OR-D (2, 39) - NO ,
OR-D (2, 40) - NO ,
OR-D (2, 41) - NO ,
OR-D (2, 42) - NO ,
OR-D (2, 43) - NO ,
OR-D (2, 44) - NO ,
OR-D (2, 45) - NO ,
OR-D (2, 46) - NO ,
OR-D (2, 47) - NO ,
OR-D (2, 48) - NO ,
OR-D (2, 49) - NO ,
OR-D (2, 50) - 0 A,

```
OR-D ( 2, 51) -   0 Z,0DD,000,0TT,0EZ,0XX,0YY,0ZZ,
OR-D ( 2, 52) -   0 Y,0 T,0AA,0BB,0 S,
OR-D ( 2, 53) -   NO ,
OR-D ( 2, 54) -   0 Y,0 T,0AA,0 U,0 R,0 P,
OR-D ( 2, 55) -   0 Y,0 T,0AA,0BB,0 S,0 Q,
OR-D ( 2, 56) -   0 Y,0 T,0AA,0BB,0CC,0JJ,0KK,
OR-D ( 2, 57) -   NO ,
OR-D ( 2, 58) -   0 Z,0DD,0EE,0FF,0NN,0SS,0AG,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0E
U,
```

ZON # 3

```
OR-D ( 3, 1) -    NO ,
OR-D ( 3, 2) -    NO ,
OR-D ( 3, 3) -    NO ,
OR-D ( 3, 4) -    NO ,
OR-D ( 3, 5) -    NO ,
OR-D ( 3, 6) -    NO ,
OR-D ( 3, 7) -    NO ,
OR-D ( 3, 8) -    NO ,
OR-D ( 3, 9) -    NO ,
OR-D ( 3, 10) -   NO ,
OR-D ( 3, 11) -   NO ,
OR-D ( 3, 12) -   5EV,5GG,0 X,0 W,
OR-D ( 3, 13) -   5EV,5GG,0 X,0 W,0 D,
OR-D ( 3, 14) -   NO ,
OR-D ( 3, 15) -   NO ,
OR-D ( 3, 16) -   NO ,
OR-D ( 3, 17) -   5GG,5EV,000,
OR-D ( 3, 18) -   0EL,
OR-D ( 3, 19) -   0EL,
OR-D ( 3, 20) -   0EL,
OR-D ( 3, 21) -   5EV,5GG,
OR-D ( 3, 22) -   5EV,5GG,0 X,0 W,0 G,0 D,0 C,
OR-D ( 3, 23) -   5EV,5GG,5 T,5AA,5 U,5 R,5 M,5 X,5 W,5 G,5 F,5 K,0 L,
OR-D ( 3, 24) -   5EV,5GG,7 X,7 W,7 G,7 F,3 T,3 V,3 H,
OR-D ( 3, 25) -   5EV,5GG,5 T,5 V,5 X,5 W,5 I,3 H,3 K,3 J,3 R,3 M,
OR-D ( 3, 26) -   5EV,5GG,0 T,
OR-D ( 3, 27) -   5 T,5AA,3EW,3EX,3EE,3FF,3EY,5HH,0BB,
OR-D ( 3, 28) -   5GG,5EW,5EV,5EE,
OR-D ( 3, 29) -   5 T,5AA,5HH,5EY,5EE,5FF,
OR-D ( 3, 30) -   5GG,5EV,000,5PP,5TT,5EZ,5XX,
OR-D ( 3, 31) -   5GG,5EV,000,5PP,5QQ,5TT,5EZ,5XX,5YY,
OR-D ( 3, 32) -   5GG,5EV,000,0TT,0EZ,0AD,
OR-D ( 3, 33) -   5GG,5EV,000,0TT,0EZ,0AD,0AE,0AF,0AH,
OR-D ( 3, 34) -   5GG,5EV,000,0TT,0EZ,0AD,0AE,0AF,0AH,0AI,0AH,0AK,
OR-D ( 3, 35) -   NO ,
OR-D ( 3, 36) -   NO ,
OR-D ( 3, 37) -   NO ,
OR-D ( 3, 38) -   NO ,
OR-D ( 3, 39) -   NO ,
OR-D ( 3, 40) -   NO ,
OR-D ( 3, 41) -   NO ,
OR-D ( 3, 42) -   NO ,
OR-D ( 3, 43) -   NO ,
OR-D ( 3, 44) -   NO ,
OR-D ( 3, 45) -   NO ,
OR-D ( 3, 46) -   NO ,
OR-D ( 3, 47) -   NO ,
OR-D ( 3, 48) -   NO ,
```

```
OR-D ( 3, 49) -   NO ,
OR-D ( 3, 50) -   NO ,
OR-D ( 3, 51) -   5EV,5GG,OOO,OTT,OEZ,OXX,OYY,OZZ,
OR-D ( 3, 52) -   5 T,5AA,5EE,5FF,5EY,5HH,OBB,0 S,
OR-D ( 3, 53) -   NO ,
OR-D ( 3, 54) -   5 T,5AA,5EE,5FF,5EY,5HH,0 U,0 R,0 P,
OR-D ( 3, 55) -   5 T,5AA,5EE,5FF,5EY,5HH,OBB,0 S,0 Q,
OR-D ( 3, 56) -   5 T,5AA,5BB,5CC,5EE,5FF,5MM,5II,OJJ,OKK,
OR-D ( 3, 57) -   NO ,
OR-D ( 3, 58) -   5GG,5EV,OOO,OTT,OEZ,OAD,OAE,OAF,OAH,OAI,OAK,OAL,OEM,OEN,OER,OE
S,OEU,
```

ZON # 4

```
OR-D ( 4, 1) -    NO ,
OR-D ( 4, 2) -    NO ,
OR-D ( 4, 3) -    NO ,
OR-D ( 4, 4) -    NO ,
OR-D ( 4, 5) -    NO ,
OR-D ( 4, 6) -    NO ,
OR-D ( 4, 7) -    NO ,
OR-D ( 4, 8) -    NO ,
OR-D ( 4, 9) -    NO ,
OR-D ( 4, 10) -   NO ,
OR-D ( 4, 11) -   NO ,
OR-D ( 4, 12) -   5UU,5WW,5EZ,OTT,OEV,OGG,0 X,0 W,
OR-D ( 4, 13) -   5UU,5WW,5EZ,OTT,OEV,OGG,0 X,0 W,0 G,0 D,
OR-D ( 4, 14) -   NO ,
OR-D ( 4, 15) -   5UU,5EZ,5WW,OAD,OAQ,OAS,OFG,
OR-D ( 4, 16) -   5UU,5EZ,5WW,OAD,5AQ,
OR-D ( 4, 17) -   5TT,5UU,5WW,5EZ,
OR-D ( 4, 18) -   OEL,
OR-D ( 4, 19) -   OEL,
OR-D ( 4, 20) -   OEL,
OR-D ( 4, 21) -   5UU,5WW,5EZ,OTT,OOO,OEV,OGG,
OR-D ( 4, 22) -   5UU,5EZ,5WW,OTT,OOO,OEV,OGG,0 X,0 W,0 G,0 D,0 C,
OR-D ( 4, 23) -   5UU,5EZ,5WW,OXX,OSS,ONN,OEY,OHH,0 U,0 R,0 M,0 L,
OR-D ( 4, 24) -   5UU,5WW,5EZ,OTT,OOO,OEV,OGG,0 X,0 W,0 G,0 F,
OR-D ( 4, 25) -   5UU,5TT,5PP,5WW,5XX,5SS,ONN,OEY,OHH,0 U,5 J,5 R,5 M,
OR-D ( 4, 26) -   5UU,5TT,5PP,5WW,5SS,5XX,ONN,OEY,OHH,OAA,
OR-D ( 4, 27) -   5UU,5TT,5PP,5WW,5XX,5SS,ONN,OEY,OHH,OBB,
OR-D ( 4, 28) -   5UU,5WW,5EZ,OTT,OOO,5EE,5EV,5EW,
OR-D ( 4, 29) -   5UU,5TT,5PP,5WW,5XX,5SS,ONN,
OR-D ( 4, 30) -   5UU,5TT,5PP,5WW,5XX,
OR-D ( 4, 31) -   5UU,5TT,5PP,5QQ,5WW,5XX,5YY,
OR-D ( 4, 32) -   5UU,5EZ,5WW,OAD,
OR-D ( 4, 33) -   5UU,5EZ,5WW,OAD,OAE,OAF,OAH,
OR-D ( 4, 34) -   5UU,5EZ,5WW,OAD,OAE,OAF,OAH,OAI,OAK,
OR-D ( 4, 35) -   5UU,5EZ,5WW,OAD,OAQ,OAS,OFG,
OR-D ( 4, 36) -   5UU,5EZ,5WW,OAD,OAQ,OAS,OFG,OAY,
OR-D ( 4, 37) -   5UU,5EZ,5WW,OAD,OAQ,OAS,OFG,OAY,OBC,OBD,
OR-D ( 4, 38) -   5UU,5EZ,5WW,OXX,OAG,OAP,OAU,OAZ,5BP,
OR-D ( 4, 39) -   5UU,5EZ,5WW,OXX,OAG,OAP,OAU,OAZ,5BL,5BP,5BV,
OR-D ( 4, 40) -   5UU,5EZ,5WW,OXX,OAG,OAP,OAU,OAZ,OBL,OBM,OBQ,
OR-D ( 4, 41) -   NO ,
OR-D ( 4, 42) -   NO ,
OR-D ( 4, 43) -   NO ,
OR-D ( 4, 44) -   NO ,
OR-D ( 4, 45) -   NO ,
OR-D ( 4, 46) -   NO ,
```

```
OR-D ( 4, 47) -   NO ,
OR-D ( 4, 48) -   NO ,
OR-D ( 4, 49) -   NO ,
OR-D ( 4, 50) -   5UU,5EZ,5WW,0AD,0AQ,0AS,0FG,0AY,0BC,0BD,0BE,0BF,
OR-D ( 4, 51) -   5UU,5EZ,5WW,0XX,0YY,0ZZ,
OR-D ( 4, 52) -   5UU,5EZ,5WW,0XX,0YY,0ZZ,0LL,0 S,
OR-D ( 4, 53) -   NO ,
OR-D ( 4, 54) -   5UU,5TT,5PP,5WW,5XX,5SS,0NN,0EY,0HH,0 U,0 P,0 R,
OR-D ( 4, 55) -   5UU,5EZ,5WW,0XX,0YY,0ZZ,0LL,0 S,0 Q,
OR-D ( 4, 56) -   5UU,5TT,5PP,5WW,5XX,5SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 4, 57) -   NO ,
OR-D ( 4, 58) -   5UU,5EZ,5WW,0AD,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

                                ZON #  5

OR-D ( 5, 1) -    NO ,
OR-D ( 5, 2) -    NO ,
OR-D ( 5, 3) -    NO ,
OR-D ( 5, 4) -    NO ,
OR-D ( 5, 5) -    NO ,
OR-D ( 5, 6) -    NO ,
OR-D ( 5, 7) -    NO ,
OR-D ( 5, 8) -    NO ,
OR-D ( 5, 9) -    NO ,
OR-D ( 5, 10) -   NO ,
OR-D ( 5, 11) -   NO ,
OR-D ( 5, 12) -   0AC,0AD,0EZ,0TT,000,0EV,0GG,0 X,0 W,5 G,
OR-D ( 5, 13) -   0AC,0AD,0EZ,0TT,000,0EV,0GG,0 X,0 W,0 G,0 D,
OR-D ( 5, 14) -   NO ,
OR-D ( 5, 15) -   5AC,5AQ,5AS,5FG,5AR,5AW,5AX,
OR-D ( 5, 16) -   0AC,
OR-D ( 5, 17) -   0AC,0AD,0EZ,5TT,
OR-D ( 5, 18) -   0EL,
OR-D ( 5, 19) -   0EL,
OR-D ( 5, 20) -   NO ,
OR-D ( 5, 21) -   0AC,0AD,0EZ,0TT,0EV,0GG,
OR-D ( 5, 22) -   NO ,
OR-D ( 5, 23) -   NO ,
OR-D ( 5, 24) -   NO ,
OR-D ( 5, 25) -   NO ,
OR-D ( 5, 26) -   0AC,0AE,0AF,0AG,0SS,0NN,0EY,0HH,0AA,
OR-D ( 5, 27) -   0AC,0AE,0AF,0AG,0SS,0NN,0EY,0HH,0BB,
OR-D ( 5, 28) -   0AC,0AE,0AF,0AG,0SS,0NN,5FF,5EY,5EX,
OR-D ( 5, 29) -   0AC,0AE,0AF,0AG,0SS,0NN,
OR-D ( 5, 30) -   0AC,0AE,0AF,0AG,5SS,
OR-D ( 5, 31) -   0AC,0AE,0AF,5AH,5AI,5AJ,5AG,5SS,5QQ,
OR-D ( 5, 32) -   0AC,
OR-D ( 5, 33) -   0AC,0AE,0AF,0AH,
OR-D ( 5, 34) -   0AC,0AE,0AF,0AH,0AI,0AK,
OR-D ( 5, 35) -   5AC,5AQ,5AS,5FG,5AR,5AW,5AX,
OR-D ( 5, 36) -   5AC,5AQ,5AS,5FG,5AR,5AW,5AX,0AY,
OR-D ( 5, 37) -   0AC,5AF,5AF,5AH,5AI,5AN,5AV,5AQ,5AS,5FG,5AY,5BC,0BD,
OR-D ( 5, 38) -   0AC,0AE,0AF,0AP,0AU,0AZ,5BP,
OR-D ( 5, 39) -   0AC,0AE,0AF,0AP,0AU,0AZ,5BL,5BP,5BV,
OR-D ( 5, 40) -   0AC,0AE,0AF,0AP,0AU,0AZ,0BL,0BM,0BQ,
OR-D ( 5, 41) -   0AC,7AE,7AF,7AP,7AU,7AZ,7BP,7BZ,7FH,3AQ,3AS,3FG,3BH,3BO,3CE,5C
H,
OR-D ( 5, 42) -   0AC,0AE,0AF,0AP,0AU,0AZ,0BP,0BZ,5CI,
OR-D ( 5, 43) -   NO ,
OR-D ( 5, 44) -   NO ,
```

OR-D (5, 45) - NO ,
OR-D (5, 46) - NO ,
OR-D (5, 47) - NO ,
OR-D (5, 48) - NO ,
OR-D (5, 49) - OAC,OAE,OAF,OAP,OAU,OAZ,OBP,OBV,OBW,OBX,
OR-D (5, 50) - OAC,5AE,5AF,5AH,5AI,5AN,5AV,5AQ,5AS,5FG,5AY,5BC,OBD,OBE,OBF,
OR-D (5, 51) - OAC,OAE,OAF,5AH,5AI,5AJ,5AG,5YY,OZZ,
OR-D (5, 52) - NO ,
OR-D (5, 53) - NO ,
OR-D (5, 54) - OAC,OAE,OAF,OAG,OSS,ONN,OEY,OHH,O U,O R,O P,
OR-D (5, 55) - OAC,OAE,OAF,OAG,OYY,OZZ,OLL,O S,O Q,
OR-D (5, 56) - OAC,OAE,OAF,OAG,OSS,ONN,OMM,OII,OJJ,OKK,
OR-D (5, 57) - NO ,
OR-D (5, 58) - OAC,OAE,OAF,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,

ZON # 6

OR-D (6, 1) - NO ,
OR-D (6, 2) - NO ,
OR-D (6, 3) - NO ,
OR-D (6, 4) - NO ,
OR-D (6, 5) - NO ,
OR-D (6, 6) - NO ,
OR-D (6, 7) - NO ,
OR-D (6, 8) - NO ,
OR-D (6, 9) - NO ,
OR-D (6, 10) - NO ,
OR-D (6, 11) - NO ,
OR-D (6, 12) - NO ,
OR-D (6, 13) - NO ,
OR-D (6, 14) - OAW,OAX,OBH,OBO,OCE,5CH,2CL,
OR-D (6, 15) - OAW,OAX,
OR-D (6, 16) - OAW,OAX,OFG,OAS,5AQ,
OR-D (6, 17) - OAW,OAX,OFG,OAS,OAQ,OAD,OEZ,5TT,
OR-D (6, 18) - OEL,
OR-D (6, 19) - NO ,
OR-D (6, 20) - NO ,
OR-D (6, 21) - NO ,
OR-D (6, 22) - NO ,
OR-D (6, 23) - NO ,
OR-D (6, 24) - NO ,
OR-D (6, 25) - NO ,
OR-D (6, 26) - NO ,
OR-D (6, 27) - OAW,OAX,OFG,OAT,OAU,OAP,OAG,OSS,ONN,OEY,OHH,OAA,
OR-D (6, 28) - OAW,OAX,OFG,OAT,OAU,OAP,OAG,OSS,ONN,5EY,5EX,5FF,
OR-D (6, 29) - OAW,OAX,OFG,5AT,5AS,5FI,5AU,OAP,OAG,OSS,ONN,
OR-D (6, 30) - OAW,OAX,OFG,OAP,5AT,5AU,5AS,5FI,OAG,5SS,
OR-D (6, 31) - OAW,OAX,OFG,5AT,5AU,5AS,5FI,OAP,OAG,5YY,5SS,5QQ,
OR-D (6, 32) - OAW,OAX,OFG,OAS,OAQ,
OR-D (6, 33) - OAW,OAX,OFG,5AT,5AU,5AP,5AS,5AQ,5AE,5AF,OAH,
OR-D (6, 34) - OAW,OAX,OAY,OBC,OAV,OAN,OAK,
OR-D (6, 35) - OAW,OAX,
OR-D (6, 36) - OAW,OAX,OAY,
OR-D (6, 37) - OAW,OAX,OAY,OBC,OBD,
OR-D (6, 38) - OAW,OAX,OBH,OBK,5BP,
OR-D (6, 39) - OAW,OAX,OBH,5BK,5BL,5BO,5BU,5BV,
OR-D (6, 40) - OAW,OAX,OAY,OBC,OBI,OBQ,
OR-D (6, 41) - OAW,OAX,OBH,OBO,OCE,5CH,
OR-D (6, 42) - OAW,OAX,OBH,OBK,OBP,OBZ,5CI,
OR-D (6, 43) - NO ,

```
OR-D ( 6, 44) -   OAW,OAX,OBH,OBK,OBP,OBZ,OCI,OCU,5DE,5DG,5DH,
OR-D ( 6, 45) -   OAW,OAX,OBH,OBK,OBP,OBZ,OCI,OCU,5DG,
OR-D ( 6, 46) -   NO ,
OR-D ( 6, 47) -   NO ,
OR-D ( 6, 48) -   NO ,
OR-D ( 6, 49) -   OAW,OAX,OBH,5BK,5BP,5BO,5BU,OBV,OBW,OBX,
OR-D ( 6, 50) -   OAW,OAX,OAY,OBC,OBD,OBE,OBF,
OR-D ( 6, 51) -   OAW,OAX,5AY,5BC,5AV,5AN,5AJ,5FG,5AT,5AU,5AP,5AG,5YY,OZZ,
OR-D ( 6, 52) -   NO ,
OR-D ( 6, 53) -   NO ,
OR-D ( 6, 54) -   OAW,OAX,OFG,OAT,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D ( 6, 55) -   OAW,OAX,OAY,OBC,OBD,OBE,OAM,OLL,0 S,0 Q,
OR-D ( 6, 56) -   OAW,OAX,OFG,OAT,OAU,OAP,OAG,OSS,ONN,OMM,OII,OJJ,OKK,
OR-D ( 6, 57) -   NO ,
OR-D ( 6, 58) -   OAW,OAX,OAY,OBC,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,

                                ZON # 7

OR-D ( 7, 1) -    NO ,
OR-D ( 7, 2) -    NO ,
OR-D ( 7, 3) -    NO ,
OR-D ( 7, 4) -    NO ,
OR-D ( 7, 5) -    NO ,
OR-D ( 7, 6) -    NO ,
OR-D ( 7, 7) -    NO ,
OR-D ( 7, 8) -    NO ,
OR-D ( 7, 9) -    NO ,
OR-D ( 7, 10) -   NO ,
OR-D ( 7, 11) -   NO ,
OR-D ( 7, 12) -   NO ,
OR-D ( 7, 13) -   NO ,
OR-D ( 7, 14) -   5BJ,5BO,5BT,0CE,7CH,3CL,
OR-D ( 7, 15) -   5BT,5BO,5BJ,0BH,
OR-D ( 7, 16) -   5BT,5BU,5BP,5AZ,5AP,5AF,5AE,5BJ,5BH,5FG,5AS,
OR-D ( 7, 17) -   5BU,5BT,5BP,5AZ,5AU,5AP,5AG,5XX,5BJ,5BH,5FG,5AS,5AQ,5AD,0EZ,5T
T,
OR-D ( 7, 18) -   NO ,
OR-D ( 7, 19) -   NO ,
OR-D ( 7, 20) -   NO ,
OR-D ( 7, 21) -   NO ,
OR-D ( 7, 22) -   NO ,
OR-D ( 7, 23) -   NO ,
OR-D ( 7, 24) -   NO ,
OR-D ( 7, 25) -   NO ,
OR-D ( 7, 26) -   NO ,
OR-D ( 7, 27) -   NO ,
OR-D ( 7, 28) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,5FF,5EY,5EX,
OR-D ( 7, 29) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,
OR-D ( 7, 30) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,5SS,
OR-D ( 7, 31) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,5YY,5SS,5QQ,
OR-D ( 7, 32) -   5BT,5BU,5BP,5AZ,5AU,5AP,5AE,5AF,5BJ,5BH,5FG,5AS,5AQ,
QR-D ( 7, 33) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AH,
OR-D ( 7, 34) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AH,0AI,0AK,
OR-D ( 7, 35) -   5BT,5BO,5BJ,0BH,
OR-D ( 7, 36) -   5BT,5BO,5BJ,0BH,0AY,
OR-D ( 7, 37) -   5BT,5BU,5BV,5BW,5BR,5BQ,5BJ,5BK,5BL,5BM,0BI,0BD,
OR-D ( 7, 38) -   5BT,5BU,5BJ,5BK,
OR-D ( 7, 39) -   5BT,5BU,5BV,5BJ,5BK,5BL,
OR-D ( 7, 40) -   5BT,5BU,5BV,5BW,5BR,5BJ,5BK,5BL,5BM,5BQ,
OR-D ( 7, 41) -   5BJ,5BO,5BT,0CE,5CH,
```

OR-D (7, 42) - 5BJ,5BK,5BP,5BT,5BU,0BZ,5CI,
OR-D (7, 43) - 5BJ,5BK,5BP,5BT,5BU,0BZ,0CI,0CO,0CP,
OR-D (7, 44) - 5BJ,5BK,5BP,5BZ,5CI,5CU,5DG,5DH,5BT,5CE,5CH,5CL,5CV,
OR-D (7, 45) - 5BJ,5BK,5BP,5BT,5BU,0BZ,0CI,0CU,5DG,
OR-D (7, 46) - NO ,
OR-D (7, 47) - NO ,
OR-D (7, 48) - NO ,
OR-D (7, 49) - 5BJ,5BK,5BP,5BT,5BU,0BV,0BW,0BX,
OR-D (7, 50) - 5BT,5BU,5BV,5BW,5BR,5BQ,5BJ,5BK,5BL,5BM,0BI,0BD,0BE,0BF,
OR-D (7, 51) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D (7, 52) - NO ,
OR-D (7, 53) - NO ,
OR-D (7, 54) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0
P,
OR-D (7, 55) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,0LL,0 S,0 Q,
OR-D (7, 56) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (7, 57) - NO ,
OR-D (7, 58) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0E
S,0EU,

ZON # 8

OR-D (8, 1) - NO ,
OR-D (8, 2) - NO ,
OR-D (8, 3) - NO ,
OR-D (8, 4) - NO ,
OR-D (8, 5) - NO ,
OR-D (8, 6) - NO ,
OR-D (8, 7) - NO ,
OR-D (8, 8) - NO ,
OR-D (8, 9) - NO ,
OR-D (8, 10) - NO ,
OR-D (8, 11) - NO ,
OR-D (8, 12) - NO ,
OR-D (8, 13) - NO ,
OR-D (8, 14) - 5BO,0CE,7CH,4CL,
OR-D (8, 15) - 5BO,0BH,
OR-D (8, 16) - 5BU,5BP,5AZ,5AU,5AP,5AF,5AE,5BH,5FG,5AS,
OR-D (8, 17) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0XX,0EZ,5TT,
OR-D (8, 18) - NO ,
OR-D (8, 19) - NO ,
OR-D (8, 20) - NO ,
OR-D (8, 21) - NO ,
OR-D (8, 22) - NO ,
OR-D (8, 23) - NO ,
OR-D (8, 24) - NO ,
OR-D (8, 25) - NO ,
OR-D (8, 26) - NO ,
OR-D (8, 27) - NO ,
OR-D (8, 28) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,5FF,5EY,5EX,
OR-D (8, 29) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,
OR-D (8, 30) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,5SS,
OR-D (8, 31) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,5YY,5SS,5QQ,
OR-D (8, 32) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AF,0AE,
OR-D (8, 33) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AH,
OR-D (8, 34) - 5BU,5BP,5BK,0AZ,0AP,0AU,0AH,0AI,0AK,
OR-D (8, 35) - 5BO,0BH,
OR-D (8, 36) - 5BO,0BH,0AY,
OR-D (8, 37) - 5BU,5BV,5BW,5BR,5BQ,5BK,5BL,5BM,0BI,0BD,
OR-D (8, 38) - 5BU,5BK,

```
OR-D ( 8, 39) -   5BU,5BV,5BK,5BL,
OR-D ( 8, 40) -   5BU,5BV,5BW,5BR,5BK,5BL,5BH,5BQ,
OR-D ( 8, 41) -   5BO,0CE,5CH,
OR-D ( 8, 42) -   5BK,5BP,5BU,0BZ,5CI,
OR-D ( 8, 43) -   5BK,5BP,5BU,0BZ,0CI,0CO,0CP,
OR-D ( 8, 44) -   5BK,5BP,5BZ,5CI,5CU,5DG,5DH,5CE,5CH,5CL,5CV,
OR-D ( 8, 45) -   5BK,5BP,5BU,0BZ,0CI,0CU,5DG,
OR-D ( 8, 46) -   NO ,
OR-D ( 8, 47) -   NO ,
OR-D ( 8, 48) -   NO ,
OR-D ( 8, 49) -   5BK,5BP,5BU,0BV,0BW,0BX,
OR-D ( 8, 50) -   5BU,5BV,5BW,5BR,5BQ,5BI,5BH,5AY,5BC,0BD,0BE,0BF,
OR-D ( 8, 51) -   5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D ( 8, 52) -   NO ,
OR-D ( 8, 53) -   NO ,
OR-D ( 8, 54) -   5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D ( 8, 55) -   5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,0LL,0 S,0 Q,
OR-D ( 8, 56) -   5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 8, 57) -   NO ,
OR-D ( 8, 58) -   5BU,5BP,5BK,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
```

ZON # 9

```
OR-D ( 9, 1) -    NO ,
OR-D ( 9, 2) -    NO ,
OR-D ( 9, 3) -    NO ,
OR-D ( 9, 4) -    NO ,
OR-D ( 9, 5) -    NO ,
OR-D ( 9, 6) -    NO ,
OR-D ( 9, 7) -    NO ,
OR-D ( 9, 8) -    NO ,
OR-D ( 9, 9) -    NO ,
OR-D ( 9, 10) -   NO ,
OR-D ( 9, 11) -   NO ,
OR-D ( 9, 12) -   0EL,
OR-D ( 9, 13) -   0EL,
OR-D ( 9, 14) -   3CF,3CJ,4CM,
OR-D ( 9, 15) -   4CM,4CN,4CI,4BZ,4BP,4BK,3CJ,3CH,3CF,6CE,6BO,0BH,
OR-D ( 9, 16) -   NO ,
OR-D ( 9, 17) -   NO ,
OR-D ( 9, 18) -   3CF,3CH,3CJ,6CL,4CM,0CV,0CZ,0DM,0DP,5DW,5EJ,5EI,
OR-D ( 9, 19) -   3CF,3FH,3CI,3CU,3DG,3DH,3CJ,3CL,4CM,7CV,2CZ,5DK,
OR-D ( 9, 20) -   3CF,3CH,3CJ,6CL,4CM,0CV,0DE,
OR-D ( 9, 21) -   NO ,
OR-D ( 9, 22) -   NO ,
OR-D ( 9, 23) -   NO ,
OR-D ( 9, 24) -   NO ,
OR-D ( 9, 25) -   NO ,
OR-D ( 9, 26) -   NO ,
OR-D ( 9, 27) -   NO ,
OR-D ( 9, 28) -   NO ,
OR-D ( 9, 29) -   NO ,
OR-D ( 9, 30) -   NO ,
OR-D ( 9, 31) -   NO ,
OR-D ( 9, 32) -   NO ,
OR-D ( 9, 33) -   3CJ,3CL,4CM,7CN,7CI,3CF,3FH,0BZ,0BP,0AZ,0AU,0AP,0AH,
OR-D ( 9, 34) -   3CJ,3CL,4CM,7CN,7CI,3CF,3FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,
OR-D ( 9, 35) -   4CM,4CN,4CI,4BZ,4BP,4BK,3CJ,3CH,3CF,6CE,6BO,0BH,
OR-D ( 9, 36) -   4CM,4CN,4CI,4BZ,4BP,4BK,3CJ,3CH,3CF,6CE,6BO,0BH,0AY,
OR-D ( 9, 37) -   4CM,3CJ,3CL,7CN,7CI,7BZ,7BP,7BL,7BM,3CF,3BU,3BW,3BR,3BQ,0BI,0B
```

D,
OR-D (9, 38) - 4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,5BP,
OR-D (9, 39) - 4CM,4CN,4CI,4BZ,4BP,4BL,3CJ,3CH,3CF,6CE,6BU,6BV,
OR-D (9, 40) - 4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,0BV,0BW,0BR,
OR-D (9, 41) - 4CM,4CL,3CJ,2CH,3CF,
OR-D (9, 42) - 4CM,3CJ,3CL,7CN,2CI,3CF,3FH,
OR-D (9, 43) - 3CF,3FH,3CI,3CJ,3CL,4CM,7CN,0CO,0CP,
OR-D (9, 44) - 3CF,3FH,3CI,3CU,3DG,3DH,3CJ,3CL,4CM,7CV,2CZ,
OR-D (9, 45) - 3CF,3FH,3CJ,3CI,3CL,4CM,7CN,0CU,5DG,
OR-D (9, 46) - 3CF,3FH,3CI,3CJ,3CL,4CM,5CV,5CE,5DK,5DM, DQ,2CN,5CU,5DG,5DN,5D
R,
OR-D (9, 47) - 3CF,3FH,3CI,3CJ,3CL,4CM,7CN,0CU,0DG,0DN,0DS,
OR-D (9, 48) - 3CF,3FH,3CI,3CJ,3CL,4CM,7CN,0CU,0DG,0DN,0DS,0DT,0DU,
OR-D (9, 49) - 4CM,4CN,2CI,2BZ,2CO,2BY,3CJ,3CH,3CF,6CE,6BU,8BV,8BW,0BX,
OR-D (9, 50) - 4CM,3CJ,3CL,7CN,7CO,7CP,7CQ,7BS,3CF,3CE,3BO,3BH,3AY,3BC,3BD,3B
E,0BF,
OR-D (9, 51) - 4CM,4CN,4CO,4CP,4CQ,4BS,4AM,3CJ,3CH,3CF,6FH,6BZ,6BP,6AZ,6AU,6A
P,6AG,6YY,6ZZ,
OR-D (9, 52) - 4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0YY,0ZZ,0L
L,0 S,
OR-D (9, 53) - NO ,
OR-D (9, 54) - 4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0E
Y,0HH,0 U,0 R,0 P,
OR-D (9, 55) - 3CF,3CH,3CJ,6CL,4CM,0CN,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (9, 56) - 4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0M
M,0II,0JJ,0KK,
OR-D (9, 57) - NO ,
OR-D (9, 58) - 4CM,4CL,3CJ,7CH,3CF,0FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0E
M,0EN,0ER,0ES,0EU,

ZON # 10

OR-D (10, 1) - NO ,
OR-D (10, 2) - NO ,
OR-D (10, 3) - NO ,
OR-D (10, 4) - NO ,
OR-D (10, 5) - NO ,
OR-D (10, 6) - NO ,
OR-D (10, 7) - NO ,
OR-D (10, 8) - NO ,
OR-D (10, 9) - NO ,
OR-D (10, 10) - NO ,
OR-D (10, 11) - NO ,
OR-D (10, 12) - 0EL,
OR-D (10, 13) - 0EL,
OR-D (10, 14) - 5DJ,5DK,5CZ,5CX,0CV,6CL,3CH,
OR-D (10, 15) - 5DJ,5DK,5DH,5CX,5DE,5DG,0CU,0CI,0BZ,0BP,0BK,0BH,
OR-D (10, 16) - NO ,
OR-D (10, 17) - NO ,
OR-D (10, 18) - 5CX,5CZ,5DK,5DJ,0DM,0DP,5DW,5EJ,5EI,
OR-D (10, 19) - 5DJ,5CX,
OR-D (10, 20) - 5DJ,5DK,5DH,5DL,5CX,5DE,
OR-D (10, 21) - NO ,
OR-D (10, 22) - NO ,
OR-D (10, 23) - NO ,
OR-D (10, 24) - NO ,
OR-D (10, 25) - NO ,
OR-D (10, 26) - NO ,
OR-D (10, 27) - NO ,
OR-D (10, 28) - NO ,

```
OR-D ( 10,.29) -  NO ,
OR-D ( 10, 30) -  NO ,
OR-D ( 10, 31) -  NO ,
OR-D ( 10, 32) -  NO ,
OR-D ( 10, 33) -  NO ,
OR-D ( 10, 34) -  NO ,
OR-D ( 10, 35) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BP,0BK,0BH,
OR-D ( 10, 36) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BP,5BL,5BM,5BI,5BC,5BK,5B
H,5AY,
OR-D ( 10, 37) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BP,0BL,0BM,0BI,0BD,
OR-D ( 10, 38) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,5BP,
OR-D ( 10, 39) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,5BV,5BP,5BL,
OR-D ( 10, 40) -  5DJ,5DK,5DH,5DG,5CX,5 U,0CI,0BZ,0BV,0BW,0BR,
OR-D ( 10, 41) -  5DJ,5DK,5CZ,5CX,0CV,0CL,5CH,
OR-D ( 10, 42) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,5CI,
OR-D ( 10, 43) -  5DJ,5DH,5DK,5DI,5CJ,5CX,5DE,5DF,0CS,0CP,
OR-D ( 10, 44) -  5CX,5DJ,5DK,
OR-D ( 10, 45) -  5CX,5DE,5DJ,5DK,5DH,
OR-D ( 10, 46) -  5CX,5DE,5DG,5DN,5DR,5DJ,5DM,5DQ,
OR-D ( 10, 47) -  5CX,5DE,5DG,5DN,5DJ,5DM,5DQ,5DR,0DS,
OR-D ( 10, 48) -  5CX,5DE,5DG,5DN,5DJ,5DM,5DQ,5DR,0DS,0DT,0DU,
OR-D ( 10, 49) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D ( 10, 50) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BP,0BL,0BM,0BI,0BD,0BE,0B
F,
OR-D ( 10, 51) -  NO ,
OR-D ( 10, 52) -  NO ,
OR-D ( 10, 53) -  NO ,
OR-D ( 10, 54) -  5DJ,5DK,5CZ,5CX,0DE,0CU,0CI,0BZ,0BP,0AZ,0AG,0AU,0AP,0SS,0NN,0E
Y,0HH,0 U,0 R,0 P,
OR-D ( 10, 55) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D ( 10, 56) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0N
N,0MM,0II,0JJ,0KK,
OR-D ( 10, 57) -  NO ,
OR-D ( 10, 58) -  5CY,0CX,0DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,0ES,0EU,
```

ZON # 11

```
OR-D ( 11, 1) -  NO ,
OR-D ( 11, 2) -  NO ,
OR-D ( 11, 3) -  NO ,
OR-D ( 11, 4) -  NO ,
OR-D ( 11, 5) -  NO ,
OR-D ( 11, 6) -  NO ,
OR-D ( 11, 7) -  NO ,
OR-D ( 11, 8) -  NO ,
OR-D ( 11, 9) -  NO ,
OR-D ( 11, 10) -  NO ,
OR-D ( 11, 11) -  NO ,
OR-D ( 11, 12) -  0EL,
OR-D ( 11, 13) -  0EL,
OR-D ( 11, 14) -  5EG,5EH,5EI,5EJ,5DV,5DW,5DX,5DY,5DN,5DG,5CU,5CI,5FH,5DP,5DM,5D
K,5CZ,5CV,2CL,
OR-D ( 11, 15) -  NO ,
OR-D ( 11, 16) -  NO ,
OR-D ( 11, 17) -  NO ,
OR-D ( 11, 18) -  5EG,5EH,5DV,
OR-D ( 11, 19) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DP,0DM,5DK,5CZ,
OR-D ( 11, 20) -  5EG,5EF,0DV,0DW,0DX,0DY,0DN,0DG,
OR-D ( 11, 21) -  NO ,
```

```
OR-D ( 11, 22) -  NO ,
OR-D ( 11, 23) -  NO ,
OR-D ( 11, 24) -  NO ,
OR-D ( 11, 25) -  NO ,
OR-D ( 11, 26) -  NO ,
OR-D ( 11, 27) -  NO ,
OR-D ( 11, 28) -  NO ,
OR-D ( 11, 29) -  NO ,
OR-D ( 11, 30) -  NO ,
OR-D ( 11, 31) -  NO ,
OR-D ( 11, 32) -  NO ,
OR-D ( 11, 33) -  NO ,
OR-D ( 11, 34) -  NO ,
OR-D ( 11, 35) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,OBP,OBK,OB
H,
OR-D ( 11, 36) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,OBP,OBK,OB
H,OAY,
OR-D ( 11, 37) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,OBP,OBL,OB
M,OBI,OBD,
OR-D ( 11, 38) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,5BP,
OR-D ( 11, 39) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,5BV,5BP,5B
L,
OR-D ( 11, 40) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,5DO,5CT,5CS,5BY,5DN,5DG,5CU,5C
I,5BZ,5BV,5BW,OBR,
OR-D ( 11, 41) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODP,ODM,ODK,OCZ,OCV,OCL,5CH,
OR-D ( 11, 42) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,5CI,
OR-D ( 11, 43) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODO,OCT,OCS,OCP,
OR-D ( 11, 44) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODP,ODM,ODK,5CZ,
OR-D ( 11, 45) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,5DG,
OR-D ( 11, 46) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODP,ODQ,
OR-D ( 11, 47) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODS,
OR-D ( 11, 48) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODS,ODT,ODU,
OR-D ( 11, 49) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,5DO,5CT,5CS,5BY,5DN,5DG,5CU,5C
I,5BZ,5BV,5BW,OBX,
OR-D ( 11, 50) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODP,ODQ,ODR,ODS,ODT,OCR,OBS,OBF,
OR-D ( 11, 51) -  NO ,
OR-D ( 11, 52) -  NO ,
OR-D ( 11, 53) -  NO ,
OR-D ( 11, 54) -  5EG,5EF,ODV,ODW,ODX,ODY,ODS,ODT,OCR,OBS,OAM,OLL,0 S,0 N,0 P,
OR-D ( 11, 55) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODP,ODQ,ODR,ODS,ODT,OCR,OBS,OAM,OLL,0
S,0 Q,
OR-D ( 11, 56) -  5EG,5EF,ODV,ODW,ODX,ODY,ODS,ODT,OCR,OBS,OAM,OLL,OCC,OJJ,OKK,
OR-D ( 11, 57) -  0 A,
OR-D ( 11, 58) -  NO ,

                                                ZON #  12

OR-D ( 12, 1) -   5 B,5 D,5 G,
OR-D ( 12, 2) -   0 Y,0 X,0 W,
OR-D ( 12, 3) -   5EV,5GG,0 X,0 W,
OR-D ( 12, 4) -   5UU,5WW,5EZ,OTT,OEV,OGG,0 X,0 W,
OR-D ( 12, 5) -   OAC,OAD,OEZ,OTT,OOO,OEV,OGG,0 X,0 W,5 G,
OR-D ( 12, 6) -   NO ,
OR-D ( 12, 7) -   NO ,
OR-D ( 12, 8) -   NO ,
OR-D ( 12, 9) -   OEL,
OR-D ( 12, 10) -  OEL,
OR-D ( 12, 11) -  OEL,
OR-D ( 12, 12) -  NO ,
OR-D ( 12, 13) -  5 G,0 D,
```

OR-D (12, 14) - OEL,
OR-D (12, 15) - NO ,
OR-D (12, 16) - NO ,
OR-D (12, 17) - NO ,
OR-D (12, 18) - NO ,
OR-D (12, 19) - NO ,
OR-D (12, 20) - NO ,
OR-D (12, 21) - 5 G,0 W,0 X,
OR-D (12, 22) - 5 G,0 D,0 C,
OR-D (12, 23) - 5 G,0 F,0 K,0 L,
OR-D (12, 24) - 5 G,0 F,
OR-D (12, 25) - 5 G,5 F,5 K,5 I,
OR-D (12, 26) - 5 G,5 I,5 V,5 W,5 X,5 T,
OR-D (12, 27) - 5 G,5 I,5 W,5 X,5 T,0AA,0BB,
OR-D (12, 28) - 5 G,0 W,0 X,0GG,5EW,5EV,5EE,
OR-D (12, 29) - 5 G,0 W,0 X,0GG,0EV,0EE,0FF,
OR-D (12, 30) - 5 G,0 W,0 X,0GG,0EV,000,5PP,5TT,5XX,
OR-D (12, 31) - 5 G,0 W,0 X,0GG,0EV,000,5PP,5QQ,5TT,5XX,5YY,
OR-D (12, 32) - 5 G,0 W,0 X,0GG,0EV,000,0TT,0EZ,0AD,
OR-D (12, 33) - 5 G,0 W,0 X,0 T,0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D (12, 34) - 5 G,0 W,0 X,0 T,0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AJ,0AI,0AK,
OR-D (12, 35) - OEL,
OR-D (12, 36) - OEL,
OR-D (12, 37) - 5EL,
OR-D (12, 38) - OEL,
OR-D (12, 39) - OEL,
OR-D (12, 40) - OEL,
OR-D (12, 41) - OEL,
OR-D (12, 42) - OEL,
OR-D (12, 43) - OEL,
OR-D (12, 44) - OEL,
OR-D (12, 45) - OEL,
OR-D (12, 46) - OEL,
OR-D (12, 47) - OEL,
OR-D (12, 48) - OEL,
OR-D (12, 49) - OEL,
OR-D (12, 50) - OEL,
OR-D (12, 51) - 5 G,0 W,0 X,0 T,0AA,0BB,0LL,
OR-D (12, 52) - 5 G,0 F,0 K,0 M,
OR-D (12, 53) - NO ,
OR-D (12, 54) - 5 G,5 I,5 J,5 R,5 F,5 K,5 M,0 P,
OR-D (12, 55) - 5 G,0 F,0 K,0 M,0 N,0 Q,
OR-D (12, 56) - 5 G,0 F,0 K,0 M,0 N,0 O,0KK,
OR-D (12, 57) - NO ,
OR-D (12, 58) - OEL,

ZON # 13

OR-D (13, 1) - 5 G,5 D,
OR-D (13, 2) - 0 Y,0 X,0 W,0 G,0 D,
OR-D (13, 3) - 5EV,5GG,0 X,0 W,0 D,
OR-D (13, 4) - 5UU,5WW,5EZ,0TT,0EV,0GG,0 X,0 W,0 G,0 D,
OR-D (13, 5) - 0AC,0AD,0EZ,0TT,000,0EV,0GG,0 X,0 W,0 G,0 D,
OR-D (13, 6) - NO ,
OR-D (13, 7) - NO ,
OR-D (13, 8) - NO ,
OR-D (13, 9) - OEL,
OR-D (13, 10) - OEL,
OR-D (13, 11) - OEL,
OR-D (13, 12) - 5 G,0 D,

OR-D (13, 13) - NO ,
OR-D (13, 14) - OEL,
OR-D (13, 15) - NO ,
OR-D (13, 16) - NO ,
OR-D (13, 17) - 0 D,0 G,0 W,0 X,0GG,0EV,000,5TT,
OR-D (13, 18) - 0 D,0 G,0 W,0 X,
OR-D (13, 19) - NO ,
OR-D (13, 20) - NO ,
OR-D (13, 21) - 0 D,0 G,0 W,0 X,
OR-D (13, 22) - 0 C,
OR-D (13, 23) - 0 E,0 K,0 L,
OR-D (13, 24) - 0 E,
OR-D (13, 25) - 0 E,5 K,5 H,
OR-D (13, 26) - 0 E,0 H,0 V,
OR-D (13, 27) - 0 E,0 H,0 V,0AA,0BB,
OR-D (13, 28) - 0 D,0 G,0 W,0 X,0GG,5EW,5EV,5EE,
OR-D (13, 29) - 0 E,0 H,0 V,0AA,0HH,0EY,
OR-D (13, 30) - 0 E,0 H,0 V,0AA,0HH,0EY,0NN,5SS,
OR-D (13, 31) - 0 E,0 H,0 V,0AA,0HH,0EY,0NN,5QQ,5SS,5YY,
OR-D (13, 32) - 0 D,0 G,0 W,0 X,0GG,0EV,000,0TT,0EZ,0AD,
OR-D (13, 33) - 0 E,0 H,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D (13, 34) - 0 E,0 H,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (13, 35) - OEL,
OR-D (13, 36) - OEL,
OR-D (13, 37) - OEL,
OR-D (13, 38) - OEL,
OR-D (13, 39) - OEL,
OR-D (13, 40) - OEL,
OR-D (13, 41) - OEL,
OR-D (13, 42) - OEL,
OR-D (13, 43) - OEL,
OR-D (13, 44) - OEL,
OR-D (13, 45) - OEL,
OR-D (13, 46) - OEL,
OR-D (13, 47) - OEL,
OR-D (13, 48) - OEL,
OR-D (13, 49) - OEL,
OR-D (13, 50) - 0 E,0 H,0 V,0AA,0BB,0LL,0AM,0BF,
OR-D (13, 51) - 0 E,0 H,0 V,0AA,0BB,0LL,
OR-D (13, 52) - 0 E,0 K,0 M,0 N,
OR-D (13, 53) - NO ,
OR-D (13, 54) - 0 E,0 K,0 M,0 P,
OR-D (13, 55) - 0 E,0 K,0 M,0 N,0 Q,
OR-D (13, 56) - 0 E,0 K,0 M,0 N,0 O,0KK,
OR-D (13, 57) - NO ,
OR-D (13, 58) - OEL,

ZON # 14

OR-D (14, 1) - NO ,
OR-D (14, 2) - NO ,
OR-D (14, 3) - NO ,
OR-D (14, 4) - NO ,
OR-D (14, 5) - NO ,
OR-D (14, 6) - 0AW,0AX,0BH,0BO,0CE,5CH,2CL,
OR-D (14, 7) - 5BJ,5BO,5BT,0CE,7CH,3CL,
OR-D (14, 8) - 5BO,0CE,7CH,4CL,
OR-D (14, 9) - 3CF,3CJ,4CM,
OR-D (14, 10) - 5DJ,5DK,5CZ,5CX,0CV,6CL,3CH,
OR-D (14, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,5DX,5DY,5DN,5DG,5CU,5CI,5FH,5DP,5DM,5D

```
K,5CZ,5CV,2CL,
OR-D ( 14, 12) -  OEL,
OR-D ( 14, 13) -  OEL,
OR-D ( 14, 14) -  NO ,
OR-D ( 14, 15) -  4CL,7CH,0CE,0BO,0BH,
OR-D ( 14, 16) -  NO ,
OR-D ( 14, 17) -  NO ,
OR-D ( 14, 18) -  3CL,5CV,5CZ,5FH,5CI,5CU,5DG,5DH,0DK,0DM,0DP,5DW,5EJ,5EI,
OR-D ( 14, 19) -  3CH,7CL,0CV,5CZ,5DK,
OR-D ( 14, 20) -  5CH,0CL,5CN,5CU,5CV,5DE,
OR-D ( 14, 21) -  NO ,
OR-D ( 14, 22) -  NO ,
OR-D ( 14, 23) -  NO ,
OR-D ( 14, 24) -  NO ,
OR-D ( 14, 25) -  NO ,
OR-D ( 14, 26) -  NO ,
OR-D ( 14, 27) -  NO ,
OR-D ( 14, 28) -  NO ,
OR-D ( 14, 29) -  NO ,
OR-D ( 14, 30) -  NO ,
OR-D ( 14, 31) -  NO ,
OR-D ( 14, 32) -  4CN,3CH,6FH,4CI,0BZ,0BP,0AZ,0AU,0AP,0AF,0AE,
OR-D ( 14, 33) -  4CN,5CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AH,
OR-D ( 14, 34) -  4CN,4CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,
OR-D ( 14, 35) -  4CL,7CH,0CE,0BO,0BH,
OR-D ( 14, 36) -  4CL,7CH,0CE,0BO,0BH,0AY,
OR-D ( 14, 37) -  4CN,4CO,4BY,4BR,4BQ,3CH,6FH,6BZ,6BP,6BL,6BN,0BI,0BD,
OR-D ( 14, 38) -  4CN,4CI,3CH,6FH,0BZ,5BP,
OR-D ( 14, 39) -  4CN,4CI,3CH,6FH,0BZ,5BV,5BP,5BL,
OR-D ( 14, 40) -  4CN,4CO,4BY,3CH,6CE,6BU,6BV,6BW,0BR,
OR-D ( 14, 41) -  4CL,
OR-D ( 14, 42) -  3CL,7CN,2CI,3FH,
OR-D ( 14, 43) -  3CH,6CL,0CN,0CO,0CP,
OR-D ( 14, 44) -  3CH,6CL,0CV,5CE,
OR-D ( 14, 45) -  3FH,3CI,3CL,7CN,0CU,5DG,
OR-D ( 14, 46) -  3FH,3CI,3CL,7CN,0CU,0DG,0DN,0DR,
OR-D ( 14, 47) -  3FH,3CI,3CL,7CN,0CU,0DG,0DN,0DS,
OR-D ( 14, 48) -  3FH,3CI,3CL,7CN,0CU,0DG,0DN,0DS,0DT,0DU,
OR-D ( 14, 49) -  4CN,4CO,4BY,3CH,6CE,6BU,6BV,6BW,0BX,
OR-D ( 14, 50) -  3CL,7CN,7CO,7CP,7CQ,7BS,3FH,3BZ,3BP,3BL,3BN,3BI,3BD,3BE,0BF,
OR-D ( 14, 51) -  NO ,
OR-D ( 14, 52) -  NO ,
OR-D ( 14, 53) -  NO ,
OR-D ( 14, 54) -  4CN,4CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0
R,0 P,
OR-D ( 14, 55) -  3CL,7CN,7CO,7CP,7CQ,7BS,7AM,3FH,3BZ,3BP,3AZ,3AU,3AP,3AG,3YY,3Z
Z,0LL,0 S,0 Q,
OR-D ( 14, 56) -  4CN,4CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0K
K,
OR-D ( 14, 57) -  NO ,
OR-D ( 14, 58) -  4CN,4CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0E
R,0ES,0EU,

                                        ZON #  15

OR-D ( 15, 1) -  NO ,
OR-D ( 15, 2) -  NO ,
OR-D ( 15, 3) -  NO ,
OR-D ( 15, 4) -  5UU,5EZ,5WW,0AD,0AQ,0AS,0FG,
OR-D ( 15, 5) -  5AC,5AQ,5AS,5FG,5AR,5AW,5AX,
```

OR-D (15, 6) - 0AW,0AX,
OR-D (15, 7) - 5BT,5BO,5BJ,0BH,
OR-D (15, 8) - 5BO,0BH,
OR-D (15, 9) - 4CM,4CN,4CI,4BZ,4BP,4BK,3CJ,3CH,3CF,6CE,6BO,0BH,
OR-D (15, 10) - 5DJ,5DK,5DH,5CX,5DE,5DG,0CU,0CI,0BZ,0BP,0BK,0BH,
OR-D (15, 11) - NO ,
OR-D (15, 12) - NO ,
OR-D (15, 13) - NO ,
OR-D (15, 14) - 4CL,7CH,0CE,0BO,0BH,
OR-D (15, 15) - NO ,
OR-D (15, 16) - 0FG,0AS,5AQ,
OR-D (15, 17) - 0FG,0AS,0AQ,0AD,0EZ,5TT,
OR-D (15, 18) - 0BH,0BO,0CE,0CH,0CL,0CV,0CZ,0DK,0DM,0DP,0DW,
OR-D (15, 19) - 0BH,0BD,0CE,0CH,0CL,0CV,5CZ,
OR-D (15, 20) - 0BH,0BO,0CE,0CH,0CL,0CV,0DE,
OR-D (15, 21) - NO ,
OR-D (15, 22) - NO ,
OR-D (15, 23) - NO ,
OR-D (15, 24) - NO ,
OR-D (15, 25) - NO ,
OR-D (15, 26) - NO ,
OR-D (15, 27) - NO ,
OR-D (15, 28) - 0FG,0AT,0AU,0AP,0AG,0SS,0NN,5FF,5EY,5EX,
OR-D (15, 29) - 0FG,0AT,0AU,0AP,0AG,0SS,0NN,
OR-D (15, 30) - 0FG,0AT,0AU,0AP,0AG,5SS,
OR-D (15, 31) - 0FG,0AT,0AU,0AP,0AG,5YY,5SS,5QQ,
OR-D (15, 32) - 0FG,0AS,0AQ,
OR-D (15, 33) - 0FG,0AT,0AU,0AP,0AH,
OR-D (15, 34) - 0FG,0AT,0AU,0AP,0AH,0AI,0AK,
OR-D (15, 35) - NO ,
OR-D (15, 36) - 0AY,
OR-D (15, 37) - 0AY,0BC,0BD,
OR-D (15, 38) - 0BH,0BK,5BP,
OR-D (15, 39) - 0BH,0BK,5BL,5BP,5BV,
OR-D (15, 40) - 0AY,0BC,0BI,0BQ,
OR-D (15, 41) - 0BH,0BO,0CE,5CH,
OR-D (15, 42) - 0BH,0BK,0BP,0BZ,5CI,
OR-D (15, 43) - 0BH,0BK,0BP,0BZ,0CI,0CO,0CP,
OR-D (15, 44) - NO ,
OR-D (15, 45) - NO ,
OR-D (15, 46) - NO ,
OR-D (15, 47) - NO ,
OR-D (15, 48) - NO ,
OR-D (15, 49) - 0BH,5BK,5BP,5BO,5BU,0BV,0BW,0BX,
OR-D (15, 50) - 0AY,0BC,0BD,0BE,0BF,
OR-D (15, 51) - 0AY,0BC,0BD,0BE,0AM,
OR-D (15, 52) - NO ,
OR-D (15, 53) - NO ,
OR-D (15, 54) - 0FG,0AT,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D (15, 55) - 0AY,0BC,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (15, 56) - 0FG,0AT,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (15, 57) - NO ,
OR-D (15, 58) - 0FG,0AT,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

ZON # 16

OR-D (16, 1) - NO ,
OR-D (16, 2) - NO ,
OR-D (16, 3) - NO ,
OR-D (16, 4) - 5UU,5EZ,5WW,0AD,5AQ,

```
OR-D ( 16,-5) -  OAC,
OR-D ( 16, 6) -  OAW,OAX,OFG,OAS,5AQ,
OR-D ( 16, 7) -  5BT,5BU,5BP,5AZ,5AP,5AF,5AE,5BJ,5BH,5FG,5AS,
OR-D ( 16, 8) -  5BU,5BP,5AZ,5AU,5AP,5AF,5AE,5BH,5FG,5AS,
OR-D ( 16, 9) -  NO ,
OR-D ( 16, 10) - NO ,
OR-D ( 16, 11) - NO ,
OR-D ( 16, 12) - NO ,
OR-D ( 16, 13) - NO ,
OR-D ( 16, 14) - NO ,
OR-D ( 16, 15) - OFG,OAS,5AQ,
OR-D ( 16, 16) - NO ,
OR-D ( 16, 17) - 5AQ,OAD,OEZ,5TT,
OR-D ( 16, 18) - 5AQ,OAS,OFG,OBH,OBO,OCE,OCH,OCL,OCV,OCZ,ODK,ODM,ODP,ODW,
OR-D ( 16, 19) - 5AQ,OAS,OFG,OBH,OCE,OCH,OCL,OCV,5CZ,
OR-D ( 16, 20) - 5AQ,OAS,OFG,OBH,OBO,OCE,OCH,OCL,OCV,ODE,
OR-D ( 16, 21) - NO ,
OR-D ( 16, 22) - NO ,
OR-D ( 16, 23) - NO ,
OR-D ( 16, 24) - NO ,
OR-D ( 16, 25) - NO ,
OR-D ( 16, 26) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,OEY,OHH,OAA,
OR-D ( 16, 27) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,OEY,OHH,OBB,
OR-D ( 16, 28) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,5FF,5EY,5EX,
OR-D ( 16, 29) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,
OR-D ( 16, 30) - 5FI,5AP,5AE,5AF,OAG,5SS,
OR-D ( 16, 31) - 5FI,5AP,5AE,5AF,OAG,5YY,5SS,5QQ,
OR-D ( 16, 32) - 5AQ,
OR-D ( 16, 33) - 5AQ,OAE,OAF,OAH,
OR-D ( 16, 34) - 5FI,5AO,5AN,5AE,5AF,5AH,5AI,OAK,
OR-D ( 16, 35) - 5AQ,OAS,OFG,
OR-D ( 16, 36) - 5AQ,OAS,OFG,OAY,
OR-D ( 16, 37) - 5AE,5AF,5AH,5AI,5FI,5AO,5AN,OAV,OBD,
OR-D ( 16, 38) - 5AE,5AF,5AP,5FI,OAU,OAZ,5BP,
OR-D ( 16, 39) - 5AE,5AF,5AP,5FI,OAU,OAZ,5BL,5BP,5BV,
OR-D ( 16, 40) - 5AE,5AF,5AP,5FI,OAU,OAZ,OBL,OBM,OBQ,
OR-D ( 16, 41) - 5AE,5AF,5AP,5FI,OAU,OAZ,OBP,OBZ,OFH,5CH,
OR-D ( 16, 42) - 5AE,5AF,5AP,5FI,OAU,OAZ,OBP,OBZ,5CI,
OR-D ( 16, 43) - NO ,
OR-D ( 16, 44) - NO ,
OR-D ( 16, 45) - NO ,
OR-D ( 16, 46) - NO ,
OR-D ( 16, 47) - NO ,
OR-D ( 16, 48) - NO ,
OR-D ( 16, 49) - 5AE,5AF,5AP,5FI,OAU,OAZ,OBP,OBV,OBW,OBX,
OR-D ( 16, 50) - 5AE,5AF,5AH,5AI,5FI,5AO,OAV,OBD,OBE,OBF,
OR-D ( 16, 51) - 5FI,5AP,5AE,5AF,OAG,OYY,OZZ,
OR-D ( 16, 52) - NO ,
OR-D ( 16, 53) - 5AQ,OAE,OAF,OAH,OAI,OAK,OAL,OEM,OEN,OER,
OR-D ( 16, 54) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D ( 16, 55) - 5FI,5AP,5AE,5AF,OAG,OYY,OZZ,OLL,0 S,0 Q,
OR-D ( 16, 56) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,OMM,OII,OJJ,OKK,
OR-D ( 16, 57) - NO ,
OR-D ( 16, 58) - 5AQ,OAE,OAF,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,
```

ZON # 17

```
OR-D ( 17, 1) -  5 B,5 D,5 G,0 W,0 X,OGG,OEV,OOO,5TT,
OR-D ( 17, 2) -  0 Z,ODD,OOO,5TT,
OR-D ( 17, 3) -  5GG,5EV,OOO,
```

```
OR-D ( 17, 4) -  5TT,5UU,5WW,5EZ,
OR-D ( 17, 5) -  0AC,0AD,0EZ,5TT,
OR-D ( 17, 6) -  0AW,0AX,0FG,0AS,0AQ,0AD,0EZ,5TT,
OR-D ( 17, 7) -  5BU,5BT,5BP,5AZ,5AU,5AP,5AG,5XX,5BJ,5BH,5FG,5AS,5AQ,5AD,0EZ,5T
T,
OR-D ( 17, 8) -  5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0XX,0EZ,5TT,
OR-D ( 17, 9) -  NO ,
OR-D ( 17, 10) - NO ,
OR-D ( 17, 11) - NO ,
OR-D ( 17, 12) - NO ,
OR-D ( 17, 13) - 0 D,0 G,0 W,0 X,0GG,0EV,000,5TT,
OR-D ( 17, 14) - NO ,
OR-D ( 17, 15) - 0FG,0AS,0AQ,0AD,0EZ,5TT,
OR-D ( 17, 16) - 5AQ,0AD,0EZ,5TT,
OR-D ( 17, 17) - NO ,
OR-D ( 17, 18) - 0EL,
OR-D ( 17, 19) - 0EL,
OR-D ( 17, 20) - NO ,
OR-D ( 17, 21) - 5TT,000,0EV,0GG,
OR-D ( 17, 22) - NO ,
OR-D ( 17, 23) - 5TT,0PP,0NN,0EY,0HH,0 U,0 R,0 M,0 L,
OR-D ( 17, 24) - 5TT,000,0EV,0GG,0 X,0 W,0 G,0 F,
OR-D ( 17, 25) - 5TT,0PP,0NN,0EY,0HH,0 U,5 J,5 R,5 M,
OR-D ( 17, 26) - 5TT,0PP,0NN,0EY,0HH,0AA,
OR-D ( 17, 27) - 5TT,0PP,0NN,0EY,0HH,0BB,
OR-D ( 17, 28) - 5TT,000,5EE,5EV,5EW,
OR-D ( 17, 29) - 5TT,0PP,0NN,
OR-D ( 17, 30) - 5PP,5EZ,5XX,
OR-D ( 17, 31) - 5PP,5QQ,5EZ,5XX,5YY,
OR-D ( 17, 32) - 5TT,0EZ,0AD,
OR-D ( 17, 33) - 5PP,5SS,5EZ,5XX,0AG,0AH,
OR-D ( 17, 34) - 5PP,5QQ,5RR,5EZ,5XX,5YY,0AJ,0AK,
OR-D ( 17, 35) - 5TT,0EZ,0AD,0AQ,0AS,0FG,
OR-D ( 17, 36) - 5TT,0EZ,0AD,0AQ,0AS,0FG,0AY,
OR-D ( 17, 37) - 5PP,5QQ,5RR,5EZ,5XX,5YY,0AJ,0AN,0AV,0BD,
OR-D ( 17, 38) - NO ,
OR-D ( 17, 39) - NO ,
OR-D ( 17, 40) - NO ,
OR-D ( 17, 41) - NO ,
OR-D ( 17, 42) - NO ,
OR-D ( 17, 43) - NO ,
OR-D ( 17, 44) - NO ,
OR-D ( 17, 45) - NO ,
OR-D ( 17, 46) - NO ,
OR-D ( 17, 47) - NO ,
OR-D ( 17, 48) - NO ,
OR-D ( 17, 49) - NO ,
OR-D ( 17, 50) - 5PP,5QQ,5RR,5EZ,5XX,5YY,0AJ,0AN,0AV,0BD,0BE,0BF,
OR-D ( 17, 51) - 5PP,5QQ,5RR,5EZ,5XX,5YY,0ZZ,
OR-D ( 17, 52) - 5TT,0PP,0NN,0EY,0HH,0BB,0 S,
OR-D ( 17, 53) - NO ,
OR-D ( 17, 54) - 5TT,0PP,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D ( 17, 55) - 5TT,0PP,0NN,0EY,0HH,0BB,0 S,0 Q,
OR-D ( 17, 56) - 5TT,0PP,0NN,0MM,0II,0JJ,0KK,
OR-D ( 17, 57) - NO ,
OR-D ( 17, 58) - 5TT,0EZ,0AD,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
```

ZON # 18

```
OR-D ( 18, 1) -  0EL,
```

```
OR-D ( 18, 2) -  OEL,
OR-D ( 18, 3) -  OEL,
OR-D ( 18, 4) -  OEL,
OR-D ( 18, 5) -  OEL,
OR-D ( 18, 6) -  OEL,
OR-D ( 18, 7) -  NO ,
OR-D ( 18, 8) -  NO ,
OR-D ( 18, 9) -  3CF,3CH,3CJ,6CL,4CM,0CV,0CZ,0DM,0DP,5DW,5EJ,5EI,
OR-D ( 18, 10) - 5CX,5CZ,5DK,5DJ,0DM,0DP,5DW,5EJ,5EI,
OR-D ( 18, 11) - 5EG,5EH,5DV,
OR-D ( 18, 12) - NO ,
OR-D ( 18, 13) - 0 D,0 G,0 W,0 X,
OR-D ( 18, 14) - 3CL,5CV,5CZ,5FH,5CI,5CU,5DG,5DH,0DK,0DM,0DP,5DW,5EJ;5EI,
OR-D ( 18, 15) - 0BH,0BO,0CE,0CH,0CL,0CV,0CZ,0DK,0DM,0DP,0DW,
OR-D ( 18, 16) - 5AQ,0AS,0FG,0BH,0BO,0CE,0CH,0CL,0CV,0CZ,0DK,0DM,0DP,0DW,
OR-D ( 18, 17) - OEL,
OR-D ( 18, 18) - NO ,
OR-D ( 18, 19) - 0DW,0DP,0DM,5DK,5CZ,
OR-D ( 18, 20) - 0DW,5DX,5DY,5DN,5DG,5DP,5DM,5DK,5CZ,5DE,
OR-D ( 18, 21) - NO ,
OR-D ( 18, 22) - NO ,
OR-D ( 18, 23) - NO ,
OR-D ( 18, 24) - NO ,
OR-D ( 18, 25) - NO ,
OR-D ( 18, 26) - NO ,
OR-D ( 18, 27) - NO ,
OR-D ( 18, 28) - NO ,
OR-D ( 18, 29) - NO ,
OR-D ( 18, 30) - NO ,
OR-D ( 18, 31) - NO ,
OR-D ( 18, 32) - 0DW,0DP,0DM,0DK,0CZ,0CV,0CL,0CH,0CE,0BO,0BH,0FG,0AS,0AQ,
OR-D ( 18, 33) - 0DW,0DX,0DY,0DO,0CT,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AI,
OR-D ( 18, 34) - 0DW,0DX,0DY,0DO,0CT,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AK,
OR-D ( 18, 35) - 0DW,0DP,0DM,0DK,0CZ,0CV,0CL,0CH,0CE,0BO,0BH,
OR-D ( 18, 36) - 0DW,0DP,0DM,0DK,0CZ,0CV,0CL,0CH,0CE,0BO,0BH,0AY,
OR-D ( 18, 37) - 0DW,0DX,0DY,0DO,0CT,0CS,0BY,0BR,0BQ,0BI,0BD,
OR-D ( 18, 38) - 0DW,0DX,0DY,0DN,0DG,0CU,0CI,0BZ,5BP,
OR-D ( 18, 39) - 0DW,0DX,0DY,5DO,5CT,5CS,5BY,5BW,5DN,5DG,5CU,5CI,5BZ,5BP,5BL,
OR-D ( 18, 40) - 0DW,0DX,0DY,0DO,0CT,0CS,0BY,0BR,
OR-D ( 18, 41) - 0DW,0DP,0DM,0DK,0CZ,0CV,0CL,5CH,
OR-D ( 18, 42) - 0DW,0DX,0DY,0DN,0DG,0CU,5CI,
OR-D ( 18, 43) - 0DW,0DX,0DY,0DO,0CT,0CS,0CP,
OR-D ( 18, 44) - 0DW,0DP,0DM,0DK,5CZ,
OR-D ( 18, 45) - 0DW,0DP,0DM,0DH,5DG,
OR-D ( 18, 46) - 0DW,0DP,0DQ,
OR-D ( 18, 47) - 0DW,0DP,0DQ,0DR,0DS,
OR-D ( 18, 48) - 0DW,0DP,0DQ,0DR,0DS,0DT,0DU,
OR-D ( 18, 49) - 0DW,0DP,0DM,0DK,0CZ,0CV,0CL,0CH,0CE,0BU,0BV,0BW,0BX,
OR-D ( 18, 50) - 0DW,0DP,0DQ,0DR,0DS,0DT,0CR,0BS,0BF,
OR-D ( 18, 51) - NO ,
OR-D ( 18, 52) - NO ,
OR-D ( 18, 53) - NO ,
OR-D ( 18, 54) - NO ,
OR-D ( 18, 55) - NO ,
OR-D ( 18, 56) - NO ,
OR-D ( 18, 57) - NO ,
OR-D ( 18, 58) - NO ,
```

ZON # 19

```
OR-D ( 19, 1) -  OEL,
OR-D ( 19, 2) -  OEL,
OR-D ( 19, 3) -  OEL,
OR-D ( 19, 4) -  OEL,
OR-D ( 19, 5) -  OEL,
OR-D ( 19, 6) -  NO ,
OR-D ( 19, 7) -  NO ,
OR-D ( 19, 8) -  NO ,
OR-D ( 19, 9) -  3CF,3FH,3CI,3CU,3DG,3DH,3CJ,3CL,4CM,7CV,2CZ,5DK,
OR-D ( 19, 10) - 5DJ,5CX,
OR-D ( 19, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,0DP,0DM,5DK,5CZ,
OR-D ( 19, 12) - NO ,
OR-D ( 19, 13) - NO ,
OR-D ( 19, 14) - 3CH,7CL,0CV,5CZ,5DK,
OR-D ( 19, 15) - 0BH,0BD,0CE,0CH,0CL,0CV,5CZ,
OR-D ( 19, 16) - 5AQ,0AS,0FG,0BH,0CE,0CH,0CL,0CV,5CZ,
OR-D ( 19, 17) - OEL,
OR-D ( 19, 18) - 0DW,0DP,0DM,5DK,5CZ,
OR-D ( 19, 19) - NO ,
OR-D ( 19, 20) - 5CZ,0DE,
OR-D ( 19, 21) - NO ,
OR-D ( 19, 22) - NO ,
OR-D ( 19, 23) - NO ,
OR-D ( 19, 24) - NO ,
OR-D ( 19, 25) - NO ,
OR-D ( 19, 26) - NO ,
OR-D ( 19, 27) - NO ,
OR-D ( 19, 28) - NO ,
OR-D ( 19, 29) - NO ,
OR-D ( 19, 30) - NO ,
OR-D ( 19, 31) - NO ,
OR-D ( 19, 32) - 5CZ,0CV,0CL,0CH,0CE,0BO,0BH,0FG,0AS,0AQ,
OR-D ( 19, 33) - 5CZ,0DE,0DF,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AI,
OR-D ( 19, 34) - 5CZ,0DE,0DF,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AK,
OR-D ( 19, 35) - 5CZ,0CV,0CL,0CH,0CE,0BO,0BH,
OR-D ( 19, 36) - 5CZ,0CV,0CL,0CH,0CE,0BO,0BH,0AY,
OR-D ( 19, 37) - 5CZ,0DE,0DF,0CS,0BY,0BR,0BQ,0BI,0BD,
OR-D ( 19, 38) - 5CZ,0DE,0CU,0CI,0BZ,5BP,
OR-D ( 19, 39) - 5CZ,0DE,0CU,0CI,0BZ,5BV,5BP,5BL,
OR-D ( 19, 40) - 5CZ,0DE,0DF,0CS,0BY,0BR,
OR-D ( 19, 41) - 5CZ,0CV,0CL,5CH,
OR-D ( 19, 42) - 5CZ,0DE,0CU,5CI,
OR-D ( 19, 43) - 5CZ,0DE,0DF,0CS,0CP,
OR-D ( 19, 44) - NO ,
OR-D ( 19, 45) - 5CZ,5DH,5DE,
OR-D ( 19, 46) - 5CZ,0DK,0DM,0DQ,
OR-D ( 19, 47) - 5CZ,0DK,0DM,0DQ,0DR,0DS,
OR-D ( 19, 48) - 5CZ,0DK,0DM,0DQ,0DR,0DS,0DT,0DU,
OR-D ( 19, 49) - 5CZ,0CV,0CL,0CH,0CE,0BU,0BV,0BW,0BX,
OR-D ( 19, 50) - 5CZ,0CV,0CN,0CO,0CP,0CQ,0BS,0BF,
OR-D ( 19, 51) - NO ,
OR-D ( 19, 52) - NO ,
OR-D ( 19, 53) - NO ,
OR-D ( 19, 54) - NO ,
OR-D ( 19, 55) - NO ,
OR-D ( 19, 56) - NO ,
OR-D ( 19, 57) - NO ,
OR-D ( 19, 58) - NO ,
```

ZON # 20

```
OR-D ( 20, 1) -  OEL,
OR-D ( 20, 2) -  OEL,
OR-D ( 20, 3) -  OEL,
OR-D ( 20, 4) -  OEL,
OR-D ( 20, 5) -  NO ,
OR-D ( 20, 6) -  NO ,
OR-D ( 20, 7) -  NO ,
OR-D ( 20, 8) -  NO ,
OR-D ( 20, 9) -  3CF,3CH,3CJ,6CL,4CM,0CV,0DE,
OR-D ( 20, 10) - 5DJ,5DK,5DH,5DL,5CX,5DE,
OR-D ( 20, 11) - 5EG,5EF,0DV,0DW,0DX,0DY,0DN,0DG,
OR-D ( 20, 12) - NO ,
OR-D ( 20, 13) - NO ,
OR-D ( 20, 14) - 5CH,0CL,5CN,5CU,5CV,5DE,
OR-D ( 20, 15) - 0BH,0BO,0CE,0CH,0CL,0CV,0DE,
OR-D ( 20, 16) - 5AQ,0AS,0FG,0BH,0BO,0CE,0CH,0CL,0CV,0DE,
OR-D ( 20, 17) - NO ,
OR-D ( 20, 18) - 0DW,5DX,5DY,5DN,5DG,5DP,5DM,5DK,5CZ,5DE,
OR-D ( 20, 19) - 5CZ,0DE,
OR-D ( 20, 20) - NO ,
OR-D ( 20, 21) - NO ,
OR-D ( 20, 22) - NO ,
OR-D ( 20, 23) - NO ,
OR-D ( 20, 24) - NO ,
OR-D ( 20, 25) - NO ,
OR-D ( 20, 26) - NO ,
OR-D ( 20, 27) - NO ,
OR-D ( 20, 28) - NO ,
OR-D ( 20, 29) - NO ,
OR-D ( 20, 30) - NO ,
OR-D ( 20, 31) - NO ,
OR-D ( 20, 32) - 0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AF,0AE,
OR-D ( 20, 33) - 0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,
OR-D ( 20, 34) - 0CU,0CI,0BZ,0BP,0AZ,0AV,0AP,0AN,0AI,0AK,
OR-D ( 20, 35) - 0CU,0CI,0BZ,0BP,0BK,0BH,
OR-D ( 20, 36) - 0CU,0CI,0BZ,0BP,0BL,0BM,0BI,0BC,
OR-D ( 20, 37) - 0CU,0CI,0BZ,0BP,0BL,0BM,0BI,0BD,
OR-D ( 20, 38) - 0CU,0CI,0BZ,5BP,
OR-D ( 20, 39) - 0CU,0CI,0BZ,5BV,5BP,5BL,
OR-D ( 20, 40) - 0CU,0CI,0BZ,0BV,0BW,0BR,
OR-D ( 20, 41) - 0DE,0CV,0CL,5CH,
OR-D ( 20, 42) - 0CU,5CI,
OR-D ( 20, 43) - 0CU,0CO,0CP,
OR-D ( 20, 44) - 0DE,5CZ,
OR-D ( 20, 45) - 5DG,
OR-D ( 20, 46) - 0DG,0DN,0DR,
OR-D ( 20, 47) - 0DG,0DN,0DS,
OR-D ( 20, 48) - 0DG,0DN,0DS,0DT,0DU,
OR-D ( 20, 49) - 0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D ( 20, 50) - 0CU,0CI,0BZ,0BV,0BW,0BR,0BQ,0BI,0BD,0BE,0BF,
OR-D ( 20, 51) - NO ,
OR-D ( 20, 52) - NO ,
OR-D ( 20, 53) - NO ,
OR-D ( 20, 54) - NO ,
OR-D ( 20, 55) - NO ,
OR-D ( 20, 56) - NO ,
OR-D ( 20, 57) - NO ,
OR-D ( 20, 58) - NO ,
```

```
OR-D ( 21, 1) -  5 B,5 D,5 G,0 W,0 X,
OR-D ( 21, 2) -  0 Y,0 X,0 W,0 G,0 D,
OR-D ( 21, 3) -  5EV,5GG,
OR-D ( 21, 4) -  5UU,5WW,5EZ,0TT,000,0EV,0GG,
OR-D ( 21, 5) -  0AC,0AD,0EZ,0TT,0EV,0GG,
OR-D ( 21, 6) -  NO ,
OR-D ( 21, 7) -  NO ,
OR-D ( 21, 8) -  NO ,
OR-D ( 21, 9) -  NO ,
OR-D ( 21, 10) - NO ,
OR-D ( 21, 11) - NO ,
OR-D ( 21, 12) - 5 G,0 W,0 X,
OR-D ( 21, 13) - 0 D,0 G,0 W,0 X,
OR-D ( 21, 14) - NO ,
OR-D ( 21, 15) - NO ,
OR-D ( 21, 16) - NO ,
OR-D ( 21, 17) - 5TT,000,0EV,0GG,
OR-D ( 21, 18) - NO ,
OR-D ( 21, 19) - NO ,
OR-D ( 21, 20) - NO ,
OR-D ( 21, 21) - NO ,
OR-D ( 21, 22) - 0 X,0 W,0 G,0 D,0 C,
OR-D ( 21, 23) - 0 X,0 W,0 G,0 F,0 K,0 L,
OR-D ( 21, 24) - 0 X,0 W,0 G,0 F,
OR-D ( 21, 25) - 0 T,5 V,5AA,5 U,5 R,5 M,
OR-D ( 21, 26) - 0 T,
OR-D ( 21, 27) - 0 T,0AA,0BB,
OR-D ( 21, 28) - 0GG,5EW,5EV,5EE,
OR-D ( 21, 29) - 0GG,0EV,0EE,0FF,
OR-D ( 21, 30) - 0GG,0EV,000,5PP,5TT,5EZ,5XX,
OR-D ( 21, 31) - 0GG,0EV,000,5PP,5QQ,5TT,5EZ,5XX,5YY,
OR-D ( 21, 32) - 0GG,0EV,000,0TT,0EZ,0AD,
OR-D ( 21, 33) - 0GG,0EV,000,0TT,0EZ,0AD,0AE,0AF,0AH,
OR-D ( 21, 34) - 0GG,0EV,000,0TT,0EZ,0AD,0AE,0AF,0AH,0AI,0AK,
OR-D ( 21, 35) - NO ,
OR-D ( 21, 36) - NO ,
OR-D ( 21, 37) - NO ,
OR-D ( 21, 38) - NO ,
OR-D ( 21, 39) - NO ,
OR-D ( 21, 40) - NO ,
OR-D ( 21, 41) - NO ,
OR-D ( 21, 42) - NO ,
OR-D ( 21, 43) - NO ,
OR-D ( 21, 44) - NO ,
OR-D ( 21, 45) - NO ,
OR-D ( 21, 46) - NO ,
OR-D ( 21, 47) - NO ,
OR-D ( 21, 48) - NO ,
OR-D ( 21, 49) - NO ,
OR-D ( 21, 50) - NO ,
OR-D ( 21, 51) - 0 T,0AA,0BB,0LL,
OR-D ( 21, 52) - 0 T,0AA,0 U,0 R,0 N,
OR-D ( 21, 53) - NO ,
OR-D ( 21, 54) - 0 T,0AA,0 U,0 R,0 P,
OR-D ( 21, 55) - 0 T,0AA,0 U,0 R,0 N,0 Q,
OR-D ( 21, 56) - 0 T,0AA,0BB,0CC,0JJ,0KK,
OR-D ( 21, 57) - NO ,
OR-D ( 21, 58) - NO ,
```

```
OR-D ( 22, 1) -  5 G,5 D,5 B,0 C,
OR-D ( 22, 2) -  0 Y,0 X,0 W,0 G,0 D,0 C,
OR-D ( 22, 3) -  5EV,5GG,0 X,0 W,0 G,0 D,0 C,
OR-D ( 22, 4) -  5UU,5EZ,5WW,0TT,0OO,0EV,0GG,0 X,0 W,0 G,0 D,0 C,
OR-D ( 22, 5) -  NO ,
OR-D ( 22, 6) -  NO ,
OR-D ( 22, 7) -  NO ,
OR-D ( 22, 8) -  NO ,
OR-D ( 22, 9) -  NO ,
OR-D ( 22, 10) - NO ,
OR-D ( 22, 11) - NO ,
OR-D ( 22, 12) - 5 G,0 D,0 C,
OR-D ( 22, 13) - 0 C,
OR-D ( 22, 14) - NO ,
OR-D ( 22, 15) - NO ,
OR-D ( 22, 16) - NO ,
OR-D ( 22, 17) - NO ,
OR-D ( 22, 18) - NO ,
OR-D ( 22, 19) - NO ,
OR-D ( 22, 20) - NO ,
OR-D ( 22, 21) - 0 X,0 W,0 G,0 D,0 C,
OR-D ( 22, 22) - NO ,
OR-D ( 22, 23) - 0 C,0 E,0 K,0 L,
OR-D ( 22, 24) - 0 C,0 E,
OR-D ( 22, 25) - 0 C,0 E,5 K,5 H,
OR-D ( 22, 26) - 0 C,0 E,0 H,0 V,
OR-D ( 22, 27) - 0 C,0 E,0 H,0 V,0AA,0BB,
OR-D ( 22, 28) - 0 C,0 E,0 H,0 V,0AA,0HH,5EX,5EY,5FF,
OR-D ( 22, 29) - 0 C,0 E,0 H,0 V,0AA,0HH,0EY,
OR-D ( 22, 30) - 0 C,0 E,0 H,0 V,0AA,0HH,0EY,0NN,5SS,
OR-D ( 22, 31) - 0 C,0 E,0 H,0 V,0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D ( 22, 32) - NO ,
OR-D ( 22, 33) - NO ,
OR-D ( 22, 34) - NO ,
OR-D ( 22, 35) - NO ,
OR-D ( 22, 36) - NO ,
OR-D ( 22, 37) - NO ,
OR-D ( 22, 38) - NO ,
OR-D ( 22, 39) - NO ,
OR-D ( 22, 40) - NO ,
OR-D ( 22, 41) - NO ,
OR-D ( 22, 42) - NO ,
OR-D ( 22, 43) - NO ,
OR-D ( 22, 44) - NO ,
OR-D ( 22, 45) - NO ,
OR-D ( 22, 46) - NO ,
OR-D ( 22, 47) - NO ,
OR-D ( 22, 48) - NO ,
OR-D ( 22, 49) - NO ,
OR-D ( 22, 50) - NO ,
OR-D ( 22, 51) - 0 C,0 E,0 K,0 M,0 N,0 S,0LL,
OR-D ( 22, 52) - 0 C,0 E,0 K,0 M,0 N,
OR-D ( 22, 53) - NO ,
OR-D ( 22, 54) - 0 C,0 E,0 K,0 M,0 P,
OR-D ( 22, 55) - 0 C,0 E,0 K,0 M,0 N,0 Q,
OR-D ( 22, 56) - 0 C,0 E,0 K,0 M,0 N,0 O,0KK,
OR-D ( 22, 57) - NO ,
```

OR-D (22, 58) - NO ,

ZON # 23

OR-D (23, 1) - 5 G,5 B,5 D,0 F,0 K,0 L,
OR-D (23, 2) - 0 Y,0 T,0AA,0 U,0 R,0 M,0 L,
OR-D (23, 3) - 5EV,5GG,5 T,5AA,5 U,5 R,5 M,5 X,5 W,5 G,5 F,5 K,0 L,
OR-D (23, 4) - 5UU,5EZ,5WW,0XX,0SS,0NN,0EY,0HH,0 U,0 R,0 M,0 L,
OR-D (23, 5) - NO ,
OR-D (23, 6) - NO ,
OR-D (23, 7) - NO ,
OR-D (23, 8) - NO ,
OR-D (23, 9) - NO ,
OR-D (23, 10) - NO ,
OR-D (23, 11) - NO ,
OR-D (23, 12) - 5 G,0 F,0 K,0 L,
OR-D (23, 13) - 0 E,0 K,0 L,
OR-D (23, 14) - NO ,
OR-D (23, 15) - NO ,
OR-D (23, 16) - NO ,
OR-D (23, 17) - 5TT,0PP,0NN,0EY,0HH,0 U,0 R,0 M,0 L,
OR-D (23, 18) - NO ,
OR-D (23, 19) - NO ,
OR-D (23, 20) - NO ,
OR-D (23, 21) - 0 X,0 W,0 G,0 F,0 K,0 L,
OR-D (23, 22) - 0 C,0 E,0 K,0 L,
OR-D (23, 23) - NO ,
OR-D (23, 24) - 0 L,0 K,
OR-D (23, 25) - 0 L,5 K,5 H,
OR-D (23, 26) - 0 L,0 M,0 R,0 U,0AA,
OR-D (23, 27) - 0 L,0 M,0 R,0 U,0BB,
OR-D (23, 28) - 0 L,0 M,0 R,0 U,0HH,5EX,5EY,5FF,
OR-D (23, 29) - 0 L,0 M,0 R,0 U,0HH,0EY,
OR-D (23, 30) - 0 L,0 M,0 R,0 U,0HH,0EY,0NN,5SS,
OR-D (23, 31) - 0 L,0 M,0 R,0 U,0HH,0EY,0NN,0QQ,5RR,
OR-D (23, 32) - NO ,
OR-D (23, 33) - NO ,
OR-D (23, 34) - NO ,
OR-D (23, 35) - NO ,
OR-D (23, 36) - NO ,
OR-D (23, 37) - NO ,
OR-D (23, 38) - NO ,
OR-D (23, 39) - NO ,
OR-D (23, 40) - NO ,
OR-D (23, 41) - NO ,
OR-D (23, 42) - NO ,
OR-D (23, 43) - NO ,
OR-D (23, 44) - NO ,
OR-D (23, 45) - NO ,
OR-D (23, 46) - NO ,
OR-D (23, 47) - NO ,
OR-D (23, 48) - NO ,
OR-D (23, 49) - NO ,
OR-D (23, 50) - 0 L,0 M,0 N,0 S,0LL,0AM,0BF,
OR-D (23, 51) - 0 L,0 M,0 N,0 S,0LL,
OR-D (23, 52) - 0 L,0 M,0 N,
OR-D (23, 53) - NO ,
OR-D (23, 54) - 0 L,0 M,0 P,
OR-D (23, 55) - 0 L,0 M,0 N,0 Q,
OR-D (23, 56) - 0 L,0 M,0 N,0 O,0KK,

OR-D (23, 57) - NO ,
OR-D (23, 58) - NO ,

ZON # 24

OR-D (24, 1) - 5 G,5 B,5 E,5 F,
OR-D (24, 2) - 0 Y,0 T,0 V,0 H,
OR-D (24, 3) - 5EV,5GG,7 X,7 W,7 G,7 F,3 T,3 V,3 H,
OR-D (24, 4) - 5UU,5WW,5EZ,0TT,000,0EV,0GG,0 X,0 W,0 G,0 F,
OR-D (24, 5) - NO ,
OR-D (24, 6) - NO ,
OR-D (24, 7) - NO ,
OR-D (24, 8) - NO ,
OR-D (24, 9) - NO ,
OR-D (24, 10) - NO ,
OR-D (24, 11) - NO ,
OR-D (24, 12) - 5 G,0 F,
OR-D (24, 13) - 0 E,
OR-D (24, 14) - NO ,
OR-D (24, 15) - NO ,
OR-D (24, 16) - NO ,
OR-D (24, 17) - 5TT,000,0EV,0GG,0 X,0 W,0 G,0 F,
OR-D (24, 18) - NO ,
OR-D (24, 19) - NO ,
OR-D (24, 20) - NO ,
OR-D (24, 21) - 0 X,0 W,0 G,0 F,
OR-D (24, 22) - 0 C,0 E,
OR-D (24, 23) - 0 L,0 K,
OR-D (24, 24) - NO ,
OR-D (24, 25) - 5 K,5 H,
OR-D (24, 26) - 0 H,0 V,
OR-D (24, 27) - 0 H,0 V,0AA,0BB,
OR-D (24, 28) - 0 H,0 V,0AA,0HH,5EX,5EY,5FF,
OR-D (24, 29) - 0 H,0 V,0AA,0HH,0EY,
OR-D (24, 30) - 0 H,0 V,0AA,0HH,0EY,0NN,5SS,
OR-D (24, 31) - 0 H,0 V,0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D (24, 32) - NO ,
OR-D (24, 33) - NO ,
OR-D (24, 34) - NO ,
OR-D (24, 35) - NO ,
OR-D (24, 36) - NO ,
OR-D (24, 37) - NO ,
OR-D (24, 38) - NO ,
OR-D (24, 39) - NO ,
OR-D (24, 40) - NO ,
OR-D (24, 41) - NO ,
OR-D (24, 42) - NO ,
OR-D (24, 43) - NO ,
OR-D (24, 44) - NO ,
OR-D (24, 45) - NO ,
OR-D (24, 46) - NO ,
OR-D (24, 47) - NO ,
OR-D (24, 48) - NO ,
OR-D (24, 49) - 0 H,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AP,0AU,0AZ,0BP,0BV,0BW,0BX,
OR-D (24, 50) - 0 K,0 M,0 N,0 S,0LL,0AM,0BF,
OR-D (24, 51) - 0 K,0 M,0 N,0 S,0LL,
OR-D (24, 52) - 0 K,0 M,0 N,
OR-D (24, 53) - NO ,
OR-D (24, 54) - 0 K,0 M,0 P,
OR-D (24, 55) - 0 K,0 M,0 N,0 Q,

OR-D (24, 56) - 0 K,0 M,0 N,0 O,0KK,
OR-D (24, 57) - NO ,
OR-D (24, 58) - NO ,

ZON # 25

OR-D (25, 1) - 5 B,5 E,5 K,5 I,
OR-D (25, 2) - 0 Y,0 T,0 V,5 H,5 K,
OR-D (25, 3) - 5EV,5GG,5 T,5 V,5 X,5 W,5 I,3 H,3 K,3 J,3 R,3 M,
OR-D (25, 4) - 5UU,5TT,5PP,5WW,5XX,5SS,ONN,OEY,OHH,0 U,5 J,5 R,5 M,
OR-D (25, 5) - NO ,
OR-D (25, 6) - NO ,
OR-D (25, 7) - NO ,
OR-D (25, 8) - NO ,
OR-D (25, 9) - NO ,
OR-D (25, 10) - NO ,
OR-D (25, 11) - NO ,
OR-D (25, 12) - 5 G,5 F,5 K,5 I,
OR-D (25, 13) - 0 E,5 K,5 H,
OR-D (25, 14) - NO ,
OR-D (25, 15) - NO ,
OR-D (25, 16) - NO ,
OR-D (25, 17) - 5TT,0PP,ONN,OEY,OHH,0 U,5 J,5 R,5 M,
OR-D (25, 18) - NO ,
OR-D (25, 19) - NO ,
OR-D (25, 20) - NO ,
OR-D (25, 21) - 0 T,5 V,5AA,5 U,5 R,5 M,
OR-D (25, 22) - 0 C,0 E,5 K,5 H,
OR-D (25, 23) - 0 L,5 K,5 H,
OR-D (25, 24) - 5 K,5 H,
OR-D (25, 25) - NO ,
OR-D (25, 26) - 5 M,5 R,5 U,5AA,5 V,
OR-D (25, 27) - 5 M,5 N,5 S,5 V,5AA,5BB,
OR-D (25, 28) - 5 M,5 R,5 U,5 V,5AA,OHH,5EX,5EY,5FF,
OR-D (25, 29) - 5 M,5 R,5 U,5 V,5AA,OHH,OEY,
OR-D (25, 30) - 5 M,5 R,5 U,5 V,5AA,OHH,OEY,ONN,5SS,
OR-D (25, 31) - 5 M,5 R,5 J,0 U,OHH,OEY,ONN,OQQ,5RR,
OR-D (25, 32) - NO ,
OR-D (25, 33) - NO ,
OR-D (25, 34) - NO ,
OR-D (25, 35) - NO ,
OR-D (25, 36) - NO ,
OR-D (25, 37) - NO ,
OR-D (25, 38) - NO ,
OR-D (25, 39) - NO ,
OR-D (25, 40) - NO ,
OR-D (25, 41) - NO ,
OR-D (25, 42) - NO ,
OR-D (25, 43) - NO ,
OR-D (25, 44) - NO ,
OR-D (25, 45) - NO ,
OR-D (25, 46) - NO ,
OR-D (25, 47) - NO ,
OR-D (25, 48) - NO ,
OR-D (25, 49) - NO ,
OR-D (25, 50) - 5 M,5 N,5 S,5 V,5AA,5BB,OLL,OAM,OBF,
OR-D (25, 51) - 5 M,5 N,5 S,5 V,5AA,5BB,OLL,
OR-D (25, 52) - 5 J,5 R,5 M,0 N,
OR-D (25, 53) - NO ,
OR-D (25, 54) - 5 J,5 R,5 M,0 P,

OR-D (25, 55) - 5 J,5 R,5 M,0 N,0 Q,
OR-D (25, 56) - 5 J,5 R,5 M,0 N,0 O,0KK,
OR-D (25, 57) - NO ,
OR-D (25, 58) - NO ,

ZON # 26

OR-D (26, 1) - 5 B,5 E,5 H,5 I,0 V,
OR-D (26, 2) - 0 Y,0 T,
OR-D (26, 3) - 5EV,5GG,0 T,
OR-D (26, 4) - 5UU,5TT,5PP,5WW,5SS,5XX,0NN,0EY,0HH,0AA,
OR-D (26, 5) - 0AC,0AE,0AF,0AG,0SS,0NN,0EY,0HH,0AA,
OR-D (26, 6) - NO ,
OR-D (26, 7) - NO ,
OR-D (26, 8) - NO ,
OR-D (26, 9) - NO ,
OR-D (26, 10) - NO ,
OR-D (26, 11) - NO ,
OR-D (26, 12) - 5 G,5 I,5 V,5 W,5 X,5 T,
OR-D (26, 13) - 0 E,0 H,0 V,
OR-D (26, 14) - NO ,
OR-D (26, 15) - NO ,
OR-D (26, 16) - 5FI,5AP,5AE,5AF,0AG,0SS,0NN,0EY,0HH,0AA,
OR-D (26, 17) - 5TT,0PP,0NN,0EY,0HH,0AA,
OR-D (26, 18) - NO ,
OR-D (26, 19) - NO ,
OR-D (26, 20) - NO ,
OR-D (26, 21) - 0 T,
OR-D (26, 22) - 0 C,0 E,0 H,0 V,
OR-D (26, 23) - 0 L,0 M,0 R,0 U,0AA,
OR-D (26, 24) - 0 H,0 V,
OR-D (26, 25) - 5 M,5 R,5 U,5AA,5 V,
OR-D (26, 26) - NO ,
OR-D (26, 27) - 0AA,0BB,
OR-D (26, 28) - 0AA,0HH,5EX,5EY,5FF,
OR-D (26, 29) - 0AA,0HH,0EY,
OR-D (26, 30) - 0AA,0HH,0EY,0NN,5SS,
OR-D (26, 31) - 0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D (26, 32) - 0AA,0HH,0EY,0NN,0SS,0AG,0AF,0AE,
OR-D (26, 33) - 0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D (26, 34) - 0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (26, 35) - NO ,
OR-D (26, 36) - NO ,
OR-D (26, 37) - NO ,
OR-D (26, 38) - NO ,
OR-D (26, 39) - NO ,
OR-D (26, 40) - NO ,
OR-D (26, 41) - NO ,
OR-D (26, 42) - NO ,
OR-D (26, 43) - NO ,
OR-D (26, 44) - NO ,
OR-D (26, 45) - NO ,
OR-D (26, 46) - NO ,
OR-D (26, 47) - NO ,
OR-D (26, 48) - NO ,
OR-D (26, 49) - 0AA,0HH,0EY,0NN,0SS,0AG,0AP,0AU,0AZ,0BP,0BV,0BW,0BX,
OR-D (26, 50) - 0AA,0BB,0LL,0AM,0BF,
OR-D (26, 51) - 0AA,0BB,0LL,
OR-D (26, 52) - 0AA,0BB,0 S,
OR-D (26, 53) - NO ,

OR-D (26, 54) - 0AA,0 U,0 R,0 P,
OR-D (26, 55) - 0AA,0BB,0 S,0 Q,
OR-D (26, 56) - 0AA,0BB,0CC,0JJ,0KK,
OR-D (26, 57) - NO ,
OR-D (26, 58) - 0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

ZON # 27

OR-D (27, 1) - 5 B,5 E,5 H,5 I,0 V,0AA,0BB,
OR-D (27, 2) - 0 Y,0 T,0AA,0BB,
OR-D (27, 3) - 5 T,5AA,3EW,3EX,3EE,3FF,3EY,5HH,0BB,
OR-D (27, 4) - 5UU,5TT,5PP,5WW,5XX,5SS,0NN,0EY,0HH,0BB,
OR-D (27, 5) - 0AC,0AE,0AF,0AG,0SS,0NN,0EY,0HH,0BB,
OR-D (27, 6) - 0AW,0AX,0FG,0AT,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0AA,
OR-D (27, 7) - NO ,
OR-D (27, 8) - NO ,
OR-D (27, 9) - NO ,
OR-D (27, 10) - NO ,
OR-D (27, 11) - NO ,
OR-D (27, 12) - 5 G,5 I,5 W,5 X,5 T,0AA,0BB,
OR-D (27, 13) - 0 E,0 H,0 V,0AA,0BB,
OR-D (27, 14) - NO ,
OR-D (27, 15) - NO ,
OR-D (27, 16) - 5FI,5AP,5AE,5AF,0AG,0SS,0NN,0EY,0HH,0BB,
OR-D (27, 17) - 5TT,0PP,0NN,0EY,0HH,0BB,
OR-D (27, 18) - NO ,
OR-D (27, 19) - NO ,
OR-D (27, 20) - NO ,
OR-D (27, 21) - 0 T,0AA,0BB,
OR-D (27, 22) - 0 C,0 E,0 H,0 V,0AA,0BB,
OR-D (27, 23) - 0 L,0 M,0 R,0 U,0BB,
OR-D (27, 24) - 0 H,0 V,0AA,0BB,
OR-D (27, 25) - 5 M,5 N,5 S,5 V,5AA,5BB,
OR-D (27, 26) - 0AA,0BB,
OR-D (27, 27) - NO ,
OR-D (27, 28) - 0BB,0HH,5EX,5EY,5FF,
OR-D (27, 29) - 0BB,0HH,0EY,
OR-D (27, 30) - 0BB,0HH,0EY,0NN,5SS,
OR-D (27, 31) - 5LL,5ZZ,5BB,5HH,5EY,5NN,5QQ,
OR-D (27, 32) - 0BB,0HH,0EY,0NN,0SS,0AG,0AF,0AE,
OR-D (27, 33) - 0LL,0ZZ,0AJ,0AI,
OR-D (27, 34) - 0LL,0ZZ,0AJ,0AK,
OR-D (27, 35) - NO ,
OR-D (27, 36) - NO ,
OR-D (27, 37) - NO ,
OR-D (27, 38) - NO ,
OR-D (27, 39) - NO ,
OR-D (27, 40) - NO ,
OR-D (27, 41) - NO ,
OR-D (27, 42) - NO ,
OR-D (27, 43) - NO ,
OR-D (27, 44) - NO ,
OR-D (27, 45) - NO ,
OR-D (27, 46) - NO ,
OR-D (27, 47) - NO ,
OR-D (27, 48) - NO ,
OR-D (27, 49) - NO ,
OR-D (27, 50) - 0LL,0AM,0BF,
OR-D (27, 51) - 0LL,
OR-D (27, 52) - 0 S,

```
OR-D ( 27,.53) -  OLL,OZZ,OAJ,OAK,OAL,OEM,OEN,OER,
OR-D ( 27, 54) -  O S,O N,O P,
OR-D ( 27, 55) -  O S,O Q,
OR-D ( 27, 56) -  OCC,OJJ,OKK,
OR-D ( 27, 57) -  NO ,
OR-D ( 27, 58) -  OLL,OZZ,OAJ,OAK,OAL,OEM,OEN,OER,OES,OEU,
```

ZON # 28

```
OR-D ( 28, 1) -  5 B,5 D,5 G,O W,O X,OGG,5EW,5EV,5EE,
OR-D ( 28, 2) -  O Z,ODD,5EE,5EV,5EW,
OR-D ( 28, 3) -  5GG,5EW,5EV,5EE,
OR-D ( 28, 4) -  5UU,5WW,5EZ,OTT,OOO,5EE,5EV,5EW,
OR-D ( 28, 5) -  OAC,OAE,OAF,OAG,OSS,ONN,5FF,5EY,5EX,
OR-D ( 28, 6) -  OAW,OAX,OFG,OAT,OAU,OAP,OAG,OSS,ONN,5EY,5EX,5FF,
OR-D ( 28, 7) -  5BT,5BU,5BP,5BJ,5BK,OAZ,OAU,OAP,OAG,OSS,ONN,5FF,5EY,5EX,
OR-D ( 28, 8) -  5BU,5BP,5BK,OAZ,OAU,OAP,OAG,OSS,ONN,5FF,5EY,5EX,
OR-D ( 28, 9) -  NO ,
OR-D ( 28, 10) -  NO ,
OR-D ( 28, 11) -  NO ,
OR-D ( 28, 12) -  5 G,O W,O X,OGG,5EW,5EV,5EE,
OR-D ( 28, 13) -  O D,O G,O W,O X,OGG,5EW,5EV,5EE,
OR-D ( 28, 14) -  NO ,
OR-D ( 28, 15) -  OFG,OAT,OAU,OAP,OAG,OSS,ONN,5FF,5EY,5EX,
OR-D ( 28, 16) -  5FI,5AP,5AE,5AF,OAG,OSS,ONN,5FF,5EY,5EX,
OR-D ( 28, 17) -  5TT,OOO,5EE,5EV,5EW,
OR-D ( 28, 18) -  NO ,
OR-D ( 28, 19) -  NO ,
OR-D ( 28, 20) -  NO ,
OR-D ( 28, 21) -  OGG,5EW,5EV,5EE,
OR-D ( 28, 22) -  O C,O E,O H,O V,OAA,OHH,5EX,5EY,5FF,
OR-D ( 28, 23) -  O L,O M,O R,O U,OHH,5EX,5EY,5FF,
OR-D ( 28, 24) -  O H,O V,OAA,OHH,5EX,5EY,5FF,
OR-D ( 28, 25) -  5 M,5 R,5 U,5 V,5AA,OHH,5EX,5EY,5FF,
OR-D ( 28, 26) -  OAA,OHH,5EX,5EY,5FF,
OR-D ( 28, 27) -  OBB,OHH,5EX,5EY,5FF,
OR-D ( 28, 28) -  NO ,
OR-D ( 28, 29) -  5EX,5EY,5FF,
OR-D ( 28, 30) -  5EX,5EY,5FF,ONN,5SS,
OR-D ( 28, 31) -  5EX,5EY,5FF,ONN,OQQ,5RR,
OR-D ( 28, 32) -  5EX,5EY,5FF,ONN,OSS,OAG,OAF,OAE,
OR-D ( 28, 33) -  5EX,5EY,5FF,ONN,OSS,OAG,OAH,
OR-D ( 28, 34) -  5EX,5EY,5FF,ONN,OSS,OAG,OAH,OAI,OAK,
OR-D ( 28, 35) -  5EX,5EY,5FF,ONN,OSS,OAG,OAP,OAU,OAT,OFG,
OR-D ( 28, 36) -  5EX,5EY,5FF,ONN,OSS,OAG,OAP,OAU,OAT,OFG,OAY,
OR-D ( 28, 37) -  5EX,5EY,5FF,ONN,OSS,OAG,OAP,OAO,OAV,OBD,
OR-D ( 28, 38) -  NO ,
OR-D ( 28, 39) -  NO ,
OR-D ( 28, 40) -  NO ,
OR-D ( 28, 41) -  NO ,
OR-D ( 28, 42) -  NO ,
OR-D ( 28, 43) -  NO ,
OR-D ( 28, 44) -  NO ,
OR-D ( 28, 45) -  NO ,
OR-D ( 28, 46) -  NO ,
OR-D ( 28, 47) -  NO ,
OR-D ( 28, 48) -  NO ,
OR-D ( 28, 49) -  NO ,
OR-D ( 28, 50) -  5EX,5EY,5FF,ONN,OSS,OYY,OZZ,OAM,OBF,
OR-D ( 28, 51) -  5EX,5EY,5FF,ONN,OSS,OYY,OZZ,
```

OR-D (28, 52) - 5FF,5EY,5EX,OHH,OBB,0 S,
OR-D (28, 53) - 5EX,5EY,5FF,ONN,OSS,OAG,OAH,OAI,OAK,OAL,OEM,OEN,OER,
OR-D (28, 54) - 5FF,5EY,5EX,OHH,0 U,0 R,0 P,
OR-D (28, 55) - 5FF,5EY,5EX,OHH,OBB,0 S,0 Q,
OR-D (28, 56) - 5EX,5EY,5FF,OMM,OII,OJJ,OKK,
OR-D (28, 57) - NO ,
OR-D (28, 58) - 5EX,5EY,5EX,ONN,OSS,OAG,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,

ZON # 29

OR-D (29, 1) - 5 B,5 E,5 H,5 I,0 V,OAA,OHH,OEY,
OR-D (29, 2) - 0 Z,ODD,OEE,OFF,
OR-D (29, 3) - 5 T,5AA,5HH,5EY,5EE,5FF,
OR-D (29, 4) - 5UU,5TT,5PP,5WW,5XX,5SS,ONN,
OR-D (29, 5) - OAC,OAE,OAF,OAG,OSS,ONN,
OR-D (29, 6) - OAW,OAX,OFG,5AT,5AS,5FI,5AU,OAP,OAG,OSS,ONN,
OR-D (29, 7) - 5BT,5BU,5BP,5BJ,5BK,OAZ,OAU,OAP,OAG,OSS,ONN,
OR-D (29, 8) - 5BU,5BP,5BK,OAZ,OAU,OAP,OAG,OSS,ONN,
OR-D (29, 9) - NO ,
OR-D (29, 10) - NO ,
OR-D (29, 11) - NO ,
OR-D (29, 12) - 5 G,0 W,0 X,OGG,OEV,OEE,OFF,
OR-D (29, 13) - 0 E,0 H,0 V,OAA,OHH,OEY,
OR-D (29, 14) - NO ,
OR-D (29, 15) - OFG,OAT,OAU,OAP,OAG,OSS,ONN,
OR-D (29, 16) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,
OR-D (29, 17) - 5TT,OPP,ONN,
OR-D (29, 18) - NO ,
OR-D (29, 19) - NO ,
OR-D (29, 20) - NO ,
OR-D (29, 21) - OGG,OEV,OEE,OFF,
OR-D (29, 22) - 0 C,0 E,0 H,0 V,OAA,OHH,OEY,
OR-D (29, 23) - 0 L,0 M,0 R,0 U,OHH,OEY,
OR-D (29, 24) - 0 H,0 V,OAA,OHH,OEY,
OR-D (29, 25) - 5 M,5 R,5 U,5 V,5AA,OHH,OEY,
OR-D (29, 26) - OAA,OHH,OEY,
OR-D (29, 27) - OBB,OHH,OEY,
OR-D (29, 28) - 5EX,5EY,5FF,
OR-D (29, 29) - NO ,
OR-D (29, 30) - ONN,5SS,
OR-D (29, 31) - ONN,OQQ,5RR,
OR-D (29, 32) - ONN,OSS,OAG,OAF,OAE,
OR-D (29, 33) - ONN,OSS,OAG,OAH,
OR-D (29, 34) - ONN,OSS,OAG,OAH,OAI,OAK,
OR-D (29, 35) - ONN,OSS,OAG,OAP,OAU,OAT,OFG,
OR-D (29, 36) - ONN,OSS,OAG,OAP,OAU,OAT,OFG,OAY,
OR-D (29, 37) - ONN,OSS,OAG,OAP,OAO,OAV,OBD,
OR-D (29, 38) - NO ,
OR-D (29, 39) - NO ,
OR-D (29, 40) - NO ,
OR-D (29, 41) - NO ,
OR-D (29, 42) - NO ,
OR-D (29, 43) - NO ,
OR-D (29, 44) - NO ,
OR-D (29, 45) - NO ,
OR-D (29, 46) - NO ,
OR-D (29, 47) - NO ,
OR-D (29, 48) - NO ,
OR-D (29, 49) - NO ,
OR-D (29, 50) - ONN,OSS,OYY,OZZ,OAM,OBF,

```
OR-D ( 29,.51) -  ONN,OSS,OYY,OZZ,
OR-D ( 29, 52) -  OEY,OHH,OBB,O S,
OR-D ( 29, 53) -  ONN,OSS,OAG,OAH,OAI,OAK,OAL,OEM,OEN,OER,
OR-D ( 29, 54) -  OEY,OHH,O U,O R,O P,
OR-D ( 29, 55) -  OEY,OHH,OBB,O S,O Q,
OR-D ( 29, 56) -  OMM,OII,OJJ,OKK,
OR-D ( 29, 57) -  NO ,
OR-D ( 29, 58) -  ONN,OSS,OAG,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,
```

ZON # 30

```
OR-D ( 30, 1) -   5 B,5 E,5 H,5 I,O V,OAA,OHH,OEY,ONN,5SS,
OR-D ( 30, 2) -   O Z,ODD,OOO,OPP,5SS,
OR-D ( 30, 3) -   5GG,5EV,OOO,5PP,5TT,5EZ,5XX,
OR-D ( 30, 4) -   5UU,5TT,5PP,5WW,5XX,
OR-D ( 30, 5) -   OAC,OAE,OAF,OAG,5SS,
OR-D ( 30, 6) -   OAW,OAX,OFG,OAP,5AT,5AU,5AS,5FI,OAG,5SS,
OR-D ( 30, 7) -   5BT,5BU,5BP,5BJ,5BK,OAZ,OAU,OAP,OAG,5SS,
OR-D ( 30, 8) -   5BU,5BP,5BK,OAZ,OAU,OAP,OAG,5SS,
OR-D ( 30, 9) -   NO ,
OR-D ( 30, 10) -  NO ,
OR-D ( 30, 11) -  NO ,
OR-D ( 30, 12) -  5 G,O W,O X,OGG,OEV,OOO,5PP,5TT,5XX,
OR-D ( 30, 13) -  O E,O H,O V,OAA,OHH,OEY,ONN,5SS,
OR-D ( 30, 14) -  NO ,
OR-D ( 30, 15) -  OFG,OAT,OAU,OAP,OAG,5SS,
OR-D ( 30, 16) -  5FI,5AP,5AE,5AF,OAG,5SS,
OR-D ( 30, 17) -  5PP,5EZ,5XX,
OR-D ( 30, 18) -  NO ,
OR-D ( 30, 19) -  NO ,
OR-D ( 30, 20) -  NO ,
OR-D ( 30, 21) -  OGG,OEV,OOO,5PP,5TT,5EZ,5XX,
OR-D ( 30, 22) -  O C,O E,O H,O V,OAA,OHH,OEY,ONN,5SS,
OR-D ( 30, 23) -  O L,O M,O R,O U,OHH,OEY,ONN,5SS,
OR-D ( 30, 24) -  O H,O V,OAA,OHH,OEY,ONN,5SS,
OR-D ( 30, 25) -  5 M,5 R,5 U,5 V,5AA,OHH,OEY,ONN,5SS,
OR-D ( 30, 26) -  OAA,OHH,OEY,ONN,5SS,
OR-D ( 30, 27) -  OBB,OHH,OEY,ONN,5SS,
OR-D ( 30, 28) -  5EX,5EY,5FF,ONN,5SS,
OR-D ( 30, 29) -  ONN,5SS,
OR-D ( 30, 30) -  NO ,
OR-D ( 30, 31) -  5QQ,5YY,
OR-D ( 30, 32) -  5SS,OAG,OAF,OAE,
OR-D ( 30, 33) -  5SS,OAG,OAH,
OR-D ( 30, 34) -  5QQ,5RR,5YY,OAJ,OAK,
OR-D ( 30, 35) -  5SS,OAG,OAP,OAU,OAT,OFG,
OR-D ( 30, 36) -  5SS,OAG,OAP,OAU,OAT,OFG,OAY,
OR-D ( 30, 37) -  5QQ,5RR,5YY,OAJ,OAN,OAV,OBD,
OR-D ( 30, 38) -  NO ,
OR-D ( 30, 39) -  NO ,
OR-D ( 30, 40) -  NO ,
OR-D ( 30, 41) -  NO ,
OR-D ( 30, 42) -  NO ,
OR-D ( 30, 43) -  NO ,
OR-D ( 30, 44) -  NO ,
OR-D ( 30, 45) -  NO ,
OR-D ( 30, 46) -  NO ,
OR-D ( 30, 47) -  NO ,
OR-D ( 30, 48) -  NO ,
OR-D ( 30, 49) -  NO ,
```

OR-D (30; 50) - 5SS,0YY,0ZZ,0AM,0BF,
OR-D (30, 51) - 5SS,0YY,0ZZ,
OR-D (30, 52) - 5SS,0NN,0EY,0HH,0BB,0 S,
OR-D (30, 53) - 5QQ,5RR,5YY,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D (30, 54) - 5SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D (30, 55) - 5SS,0NN,0EY,0HH,0BB,0 S,0 Q,
OR-D (30, 56) - 5SS,0NN,0MM,0II,0JJ,0KK,
OR-D (30, 57) - NO ,
OR-D (30, 58) - 5QQ,5RR,5YY,0AJ,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

ZON # 31

OR-D (31, 1) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D (31, 2) - 0 Z,0DD,000,0PP,0QQ,5RR,
OR-D (31, 3) - 5GG,5EV,000,5PP,5QQ,5TT,5EZ,5XX,5YY,
OR-D (31, 4) - 5UU,5TT,5PP,5QQ,5WW,5XX,5YY,
OR-D (31, 5) - 0AC,0AE,0AF,5AH,5AI,5AJ,5AG,5SS,5QQ,
OR-D (31, 6) - 0AW,0AX,0FG,5AT,5AU,5AS,5FI,0AP,0AG,5YY,5SS,5QQ,
OR-D (31, 7) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,5YY,5SS,5QQ,
OR-D (31, 8) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,5YY,5SS,5QQ,
OR-D (31, 9) - NO ,
OR-D (31, 10) - NO ,
OR-D (31, 11) - NO ,
OR-D (31, 12) - 5 G,0 W,0 X,0GG,0EV,000,5PP,5QQ,5TT,5XX,5YY,
OR-D (31, 13) - 0 E,0 H,0 V,0AA,0HH,0EY,0NN,5QQ,5SS,5YY,
OR-D (31, 14) - NO ,
OR-D (31, 15) - 0FG,0AT,0AU,0AP,0AG,5YY,5SS,5QQ,
OR-D (31, 16) - 5FI,5AP,5AE,5AF,0AG,5YY,5SS,5QQ,
OR-D (31, 17) - 5PP,5QQ,5EZ,5XX,5YY,
OR-D (31, 18) - NO ,
OR-D (31, 19) - NO ,
OR-D (31, 20) - NO ,
OR-D (31, 21) - 0GG,0EV,000,5PP,5QQ,5TT,5EZ,5XX,5YY,
OR-D (31, 22) - 0 C,0 E,0 H,0 V,0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D (31, 23) - 0 L,0 M,0 R,0 U,0HH,0EY,0NN,0QQ,5RR,
OR-D (31, 24) - 0 H,0 V,0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D (31, 25) - 5 M,5 R,5 J,0 U,0HH,0EY,0NN,0QQ,5RR,
OR-D (31, 26) - 0AA,0HH,0EY,0NN,0QQ,5RR,
OR-D (31, 27) - 5LL,5ZZ,5BB,5HH,5EY,5NN,5QQ,
OR-D (31, 28) - 5EX,5EY,5FF,0NN,0QQ,5RR,
OR-D (31, 29) - 0NN,0QQ,5RR,
OR-D (31, 30) - 5QQ,5YY,
OR-D (31, 31) - NO ,
OR-D (31, 32) - 5RR,0AJ,0AI,0AH,0AF,0AE,
OR-D (31, 33) - 5RR,0AJ,0AI,
OR-D (31, 34) - 5RR,0AJ,0AK,
OR-D (31, 35) - 5RR,0AJ,0AN,0AV,0BC,0AY,
OR-D (31, 36) - 5RR,0AJ,0AN,0AV,0BC,
OR-D (31, 37) - 5RR,0AJ,0AN,0AV,0BD,
OR-D (31, 38) - NO ,
OR-D (31, 39) - NO ,
OR-D (31, 40) - NO ,
OR-D (31, 41) - NO ,
OR-D (31, 42) - NO ,
OR-D (31, 43) - NO ,
OR-D (31, 44) - NO ,
OR-D (31, 45) - NO ,
OR-D (31, 46) - NO ,
OR-D (31, 47) - NO ,
OR-D (31, 48) - NO ,

OR-D (31, 49) - NO ,
OR-D (31, 50) - 5RR,0ZZ,0AM,0BF,
OR-D (31, 51) - 5RR,0ZZ,
OR-D (31, 52) - 5RR,0ZZ,0LL,0 S,
OR-D (31, 53) - 5RR,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D (31, 54) - 5YY,5SS,5QQ,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D (31, 55) - 5RR,0ZZ,0LL,0 S,0 Q,
OR-D (31, 56) - 5RR,0QQ,0MN,0MM,0II,0JJ,0KK,
OR-D (31, 57) - NO ,
OR-D (31, 58) - 5RR,0AJ,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

ZON # 32

OR-D (32, 1) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AF,0AE,
OR-D (32, 2) - 0 Z,0DD,000,0TT,0EZ,0AD,
OR-D (32, 3) - 5GG,5EV,000,0TT,0EZ,0AD,
OR-D (32, 4) - 5UU,5EZ,5WW,0AD,
OR-D (32, 5) - 0AC,
OR-D (32, 6) - 0AW,0AX,0FG,0AS,0AQ,
OR-D (32, 7) - 5BT,5BU,5BP,5AZ,5AU,5AP,5AE,5AF,5BJ,5BH,5FG,5AS,5AQ,
OR-D (32, 8) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AF,0AE,
OR-D (32, 9) - NO ,
OR-D (32, 10) - NO ,
OR-D (32, 11) - NO ,
OR-D (32, 12) - 5 G,0 W,0 X,0GG,0EV,000,0TT,0EZ,0AD,
OR-D (32, 13) - 0 D,0 G,0 W,0 X,0GG,0EV,000,0TT,0EZ,0AD,
OR-D (32, 14) - 4CN,3CH,6FH,4CI,0BZ,0BP,0AZ,0AU,0AP,0AF,0AE,
OR-D (32, 15) - 0FG,0AS,0AQ,
OR-D (32, 16) - 5AQ,
OR-D (32, 17) - 5TT,0EZ,0AD,
OR-D (32, 18) - 0DW,0DP,0DM,0DK,0CZ,0CV,0CL,0CH,0CE,0BO,0BH,0FG,0AS,0AQ,
OR-D (32, 19) - 5CZ,0CV,0CL,0CH,0CE,0BO,0BH,0FG,0AS,0AQ,
OR-D (32, 20) - 0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AF,0AE,
OR-D (32, 21) - 0GG,0EV,000,0TT,0EZ,0AD,
OR-D (32, 22) - NO ,
OR-D (32, 23) - NO ,
OR-D (32, 24) - NO ,
OR-D (32, 25) - NO ,
OR-D (32, 26) - 0AA,0HH,0EY,0NN,0SS,0AG,0AF,0AE,
OR-D (32, 27) - 0BB,0HH,0EY,0NN,0SS,0AG,0AF,0AE,
OR-D (32, 28) - 5EX,5EY,5FF,0NN,0SS,0AG,0AF,0AE,
OR-D (32, 29) - 0NN,0SS,0AG,0AF,0AE,
OR-D (32, 30) - 5SS,0AG,0AF,0AE,
OR-D (32, 31) - 5RR,0AJ,0AI,0AH,0AF,0AE,
OR-D (32, 32) - NO ,
OR-D (32, 33) - 0AE,0AF,0AH,
OR-D (32, 34) - 0AE,0AF,0AH,0AI,0AK,
OR-D (32, 35) - 0AQ,0AS,0FG,
OR-D (32, 36) - 0AQ,0AS,0FG,0AY,
OR-D (32, 37) - 0AE,0AF,0AH,0AI,0AN,0AV,0BD,
OR-D (32, 38) - 0AE,0AF,0AP,0AU,0AZ,5BP,
OR-D (32, 39) - 0AE,0AF,0AP,0AU,0AZ,5BL,5BP,5BV,
OR-D (32, 40) - 0AE,0AF,0AP,0AU,0AZ,0BL,0BM,0BQ,
OR-D (32, 41) - 0AE,0AF,0AP,0AU,0AZ,0BZ,0BP,0FH,5CH,
OR-D (32, 42) - 0AE,0AF,0AP,0AU,0AZ,0BP,0BZ,5CI,
OR-D (32, 43) - NO ,
OR-D (32, 44) - NO ,
OR-D (32, 45) - NO ,
OR-D (32, 46) - NO ,
OR-D (32, 47) - NO ,

```
OR-D ( 32, 48) -  NO ,
OR-D ( 32, 49) -  NO ,
OR-D ( 32, 50) -  0AE,0AF,0AH,0AI,0AN,0AV,0BD,0BE,0BF,
OR-D ( 32, 51) -  0AE,0AF,5AH,5AJ,5AG,5YY,5AI,0ZZ,
OR-D ( 32, 52) -  0AE,0AF,0AG,0SS,0NN,0EY,0HH,5BB,5 S,5 U,5 R,5 N,
OR-D ( 32, 53) -  0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 32, 54) -  0AE,0AF,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D ( 32, 55) -  0AE,0AF,0AG,0SS,0NN,0EY,0HH,0BB,0 S,0 Q,
OR-D ( 32, 56) -  0AE,0AF,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 32, 57) -  NO ,
OR-D ( 32, 58) -  0AE,0AF,0AI,0AH,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
```

ZON # 33

```
OR-D ( 33, 1) -   5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D ( 33, 2) -   0 Z,0DD,0EE,0FF,0NN,0SS,0AG,0AH,
OR-D ( 33, 3) -   5GG,5EV,000,0TT,0EZ,0AD,0AE,0AF,0AH,
OR-D ( 33, 4) -   5UU,5EZ,5WW,0AD,0AE,0AF,0AH,
OR-D ( 33, 5) -   0AC,0AE,0AF,0AH,
OR-D ( 33, 6) -   0AW,0AX,0FG,5AT,5AU,5AP,5AS,5AQ,5AE,5AF,0AH,
OR-D ( 33, 7) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AH,
OR-D ( 33, 8) -   5BU,5BP,5BK,0AZ,0AU,0AP,0AH,
OR-D ( 33, 9) -   3CJ,3CL,4CM,7CN,7CI,3CF,3FH,0BZ,0BP,0AZ,0AU,0AP,0AH,
OR-D ( 33, 10) -  NO ,
OR-D ( 33, 11) -  NO ,
OR-D ( 33, 12) -  5 G,0 W,0 X,0 T,0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D ( 33, 13) -  0 E,0 H,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D ( 33, 14) -  4CN,5CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AH,
OR-D ( 33, 15) -  0FG,0AT,0AU,0AP,0AH,
OR-D ( 33, 16) -  5AQ,0AE,0AF,0AH,
OR-D ( 33, 17) -  5PP,5SS,5EZ,5XX,0AG,0AH,
OR-D ( 33, 18) -  0DW,0DX,0DY,0DO,0CT,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AI,
OR-D ( 33, 19) -  5CZ,0DE,0DF,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AI,
OR-D ( 33, 20) -  0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,
OR-D ( 33, 21) -  0GG,0EV,000,0TT,0EZ,0AD,0AE,0AF,0AH,
OR-D ( 33, 22) -  NO ,
OR-D ( 33, 23) -  NO ,
OR-D ( 33, 24) -  NO ,
OR-D ( 33, 25) -  NO ,
OR-D ( 33, 26) -  0AA,0HH,0EY,0NN,0SS,0AG,0AH,
OR-D ( 33, 27) -  0LL,0ZZ,0AJ,0AI,
OR-D ( 33, 28) -  5EX,5EY,5FF,0NN,0SS,0AG,0AH,
OR-D ( 33, 29) -  0NN,0SS,0AG,0AH,
OR-D ( 33, 30) -  5SS,0AG,0AH,
OR-D ( 33, 31) -  5RR,0AJ,0AI,
OR-D ( 33, 32) -  0AE,0AF,0AH,
OR-D ( 33, 33) -  NO ,
OR-D ( 33, 34) -  0AI,0AK,
OR-D ( 33, 35) -  0AH,0AP,0AU,0AT,0FG,
OR-D ( 33, 36) -  0AI,0AN,0AV,0BC,
OR-D ( 33, 37) -  0AI,0AN,0AV,0BD,
OR-D ( 33, 38) -  0AH,0AP,0AU,0AZ,5BP,
OR-D ( 33, 39) -  0AH,0AP,0AU,0AZ,5BL,5BP,5BV,
OR-D ( 33, 40) -  0AI,0AN,0AV,0BI,0BQ,
OR-D ( 33, 41) -  NO ,
OR-D ( 33, 42) -  NO ,
OR-D ( 33, 43) -  NO ,
OR-D ( 33, 44) -  NO ,
OR-D ( 33, 45) -  NO ,
OR-D ( 33, 46) -  NO ,
```

OR-D (33,- 47) - NO ,
OR-D (33, 48) - NO ,
OR-D (33, 49) - NO ,
OR-D (33, 50) - 0AI,0AN,0AV,0BD,0BE,0BF,
OR-D (33, 51) - 0AI,0AJ,0ZZ,
OR-D (33, 52) - 0AI,0AJ,0ZZ,0LL,0 S,
OR-D (33, 53) - 0AI,0AK,0AL,0EM,0EN,0ER,
OR-D (33, 54) - 0AH,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D (33, 55) - 0AI,0AJ,0ZZ,0LL,0 S,0 Q,
OR-D (33, 56) - 0AH,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (33, 57) - NO ,
OR-D (33, 58) - 0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

ZON # 34

OR-D (34, 1) - 5 B,5 E,5 H,5 I,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (34, 2) - 0 Z,0DD,0EE,0FF,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (34, 3) - 5GG,5EV,0OO,0TT,0EZ,0AD,0AE,0AF,0AH,0AI,0AH,0AK,
OR-D (34, 4) - 5UU,5EZ,5WW,0AD,0AE,0AF,0AH,0AI,0AK,
OR-D (34, 5) - 0AC,0AE,0AF,0AH,0AI,0AK,
OR-D (34, 6) - 0AW,0AX,0AY,0BC,0AV,0AN,0AK,
OR-D (34, 7) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AH,0AI,0AK,
OR-D (34, 8) - 5BU,5BP,5BK,0AZ,0AP,0AU,0AH,0AI,0AK,
OR-D (34, 9) - 3CJ,3CL,4CM,7CN,7CI,3CF,3FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,
OR-D (34, 10) - NO ,
OR-D (34, 11) - NO ,
OR-D (34, 12) - 5 G,0 W,0 X,0 T,0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AJ,0AI,0AK,
OR-D (34, 13) - 0 E,0 H,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (34, 14) - 4CN,4CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,
OR-D (34, 15) - 0FG,0AT,0AU,0AP,0AH,0AI,0AK,
OR-D (34, 16) - 5FI,5AO,5AN,5AE,5AF,5AH,5AI,0AK,
OR-D (34, 17) - 5PP,5QQ,5RR,5EZ,5XX,5YY,0AJ,0AK,
OR-D (34, 18) - 0DW,0DX,0DY,0DO,0CT,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AK,
OR-D (34, 19) - 5CZ,0DE,0DF,0CS,0BY,0BR,0BQ,0BI,0AV,0AN,0AK,
OR-D (34, 20) - 0CU,0CI,0BZ,0BP,0AZ,0AV,0AP,0AN,0AI,0AK,
OR-D (34, 21) - 0GG,0EV,0OO,0TT,0EZ,0AD,0AE,0AF,0AH,0AI,0AK,
OR-D (34, 22) - NO ,
OR-D (34, 23) - NO ,
OR-D (34, 24) - NO ,
OR-D (34, 25) - NO ,
OR-D (34, 26) - 0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (34, 27) - 0LL,0ZZ,0AJ,0AK,
OR-D (34, 28) - 5EX,5EY,5FF,0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (34, 29) - 0NN,0SS,0AG,0AH,0AI,0AK,
OR-D (34, 30) - 5QQ,5RR,5YY,0AJ,0AK,
OR-D (34, 31) - 5RR,0AJ,0AK,
OR-D (34, 32) - 0AE,0AF,0AH,0AI,0AK,
OR-D (34, 33) - 0AI,0AK,
OR-D (34, 34) - NO ,
OR-D (34, 35) - 0AK,0AN,0AV,0BC,0AY,
OR-D (34, 36) - 0AK,0AN,0AV,0BC,
OR-D (34, 37) - 0AK,0AN,0AV,0BD,
OR-D (34, 38) - 0AK,0AI,0AH,0AP,0AU,0AZ,5BP,
OR-D (34, 39) - 0AK,0AN,0AV,0BI,5BM,5BQ,5BR,5BW,
OR-D (34, 40) - 0AK,0AN,0AV,0BI,0BQ,
OR-D (34, 41) - NO ,
OR-D (34, 42) - NO ,
OR-D (34, 43) - NO ,
OR-D (34, 44) - NO ,
OR-D (34, 45) - NO ,

OR-D (34, 46) - NO ,
OR-D (34, 47) - NO ,
OR-D (34, 48) - NO ,
OR-D (34, 49) - OAK,OAN,OAV,OBI,OBQ,OBR,OBX,
OR-D (34, 50) - OAK,OAN,OAV,OBD,OBE,OBF,
OR-D (34, 51) - OAK,OAJ,OZZ,
OR-D (34, 52) - OAK,OAJ,OZZ,OLL,0 S,
OR-D (34, 53) - OAL,OEM,OEN,OER,
OR-D (34, 54) - OAK,OAI,OAH,OAG,OSS,ONN,OHH,0 U,0 R,0 P,OEY,
OR-D (34, 55) - OAK,OAJ,OZZ,OLL,0 S,0 Q,
OR-D (34, 56) - OAK,OAJ,OZZ,OLL,OCC,OJJ,OKK,
OR-D (34, 57) - NO ,
OR-D (34, 58) - OAL,OEM,OEN,OER,OES,OEU,

ZON # 35

OR-D (35, 1) - NO ,
OR-D (35, 2) - NO ,
OR-D (35, 3) - NO ,
OR-D (35, 4) - 5UU,5EZ,5WW,OAD,OAQ,OAS,OFG,
OR-D (35, 5) - 5AC,5AQ,5AS,5FG,5AR,5AW,5AX,
OR-D (35, 6) - OAW,OAX,
OR-D (35, 7) - 5BT,5BO,5BJ,OBH,
OR-D (35, 8) - 5BO,OBH,
OR-D (35, 9) - 4CM,4CN,4CI,4BZ,4BP,4BK,3CJ,3CH,3CF,6CE,6BO,OBH,
OR-D (35, 10) - 5DJ,5DK,5DH,5DG,5CX,5DE,OCU,OCI,OBZ,OBP,OBK,OBH,
OR-D (35, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,OBP,OBK,OB
H,
OR-D (35, 12) - OEL,
OR-D (35, 13) - OEL,
OR-D (35, 14) - 4CL,7CH,OCE,OBO,OBH,
OR-D (35, 15) - NO ,
OR-D (35, 16) - 5AQ,OAS,OFG,
OR-D (35, 17) - 5TT,OEZ,OAD,OAQ,OAS,OFG,
OR-D (35, 18) - ODW,ODP,ODM,ODK,OCZ,OCV,OCL,OCH,OCE,OBO,OBH,
OR-D (35, 19) - 5CZ,OCV,OCL,OCH,OCE,OBO,OBH,
OR-D (35, 20) - OCU,OCI,OBZ,OBP,OBK,OBH,
OR-D (35, 21) - NO ,
OR-D (35, 22) - NO ,
OR-D (35, 23) - NO ,
OR-D (35, 24) - NO ,
OR-D (35, 25) - NO ,
OR-D (35, 26) - NO ,
OR-D (35, 27) - NO ,
OR-D (35, 28) - 5EX,5EY,5FF,ONN,OSS,OAG,OAP,OAU,OAT,OFG,
OR-D (35, 29) - ONN,OSS,OAG,OAP,OAU,OAT,OFG,
OR-D (35, 30) - 5SS,OAG,OAP,OAU,OAT,OFG,
OR-D (35, 31) - 5RR,OAJ,OAN,OAV,OBC,OAY,
OR-D (35, 32) - OAQ,OAS,OFG,
OR-D (35, 33) - OAH,OAP,OAU,OAT,OFG,
OR-D (35, 34) - OAK,OAN,OAV,OBC,OAY,
OR-D (35, 35) - NO ,
OR-D (35, 36) - OAY,
OR-D (35, 37) - OAY,OBC,OBD,
OR-D (35, 38) - OBH,OBK,5BP,
OR-D (35, 39) - OBH,OBK,5BL,5BP,5BV,
OR-D (35, 40) - OBH,OBK,OBL,OBM,OBQ,
OR-D (35, 41) - OBH,OBO,OCZ,5CH,
OR-D (35, 42) - OBH,OBK,OBP,OBZ,5CI,
OR-D (35, 43) - OBH,OBK,OBP,OBZ,OCI,OCO,OCP,

OR-D (35, 44) - NO ,
OR-D (35, 45) - NO ,
OR-D (35, 46) - NO ,
OR-D (35, 47) - NO ,
OR-D (35, 48) - NO ,
OR-D (35, 49) - OBH,OBO,OBU,OBV,OBW,OBX,
OR-D (35, 50) - OAY,OBC,OBD,OBE,OBF,
OR-D (35, 51) - OAY,OBC,OBD,OBE,OAM,
OR-D (35, 52) - NO ,
OR-D (35, 53) - OAY,OBC,OAV,OAN,OAK,OAL,OEM,OEN,OER,
OR-D (35, 54) - OFG,OAT,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (35, 55) - OAY,OBC,OBD,OBE,OAM,OLL,0 S,0 Q,
OR-D (35, 56) - OFG,OAT,OAU,OAP,OAG,OSS,ONN,OMM,OII,OJJ,OKK,
OR-D (35, 57) - NO ,
OR-D (35, 58) - OAY,OBC,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,

ZON # 36

OR-D (36, 1) - NO ,
OR-D (36, 2) - NO ,
OR-D (36, 3) - NO ,
OR-D (36, 4) - 5UU,5EZ,5WW,OAD,OAQ,OAS,OFG,OAY,
OR-D (36, 5) - 5AC,5AQ,5AS,5FG,5AR,5AW,5AX,OAY,
OR-D (36, 6) - OAW,OAX,OAY,
OR-D (36, 7) - 5BT,5BO,5BJ,OBH,OAY,
OR-D (36, 8) - 5BO,OBH,OAY,
OR-D (36, 9) - 4CM,4CN,4CI,4BZ,4BP,4BK,3CJ,3CH,3CF,6CE,6BO,OBH,OAY,
OR-D (36, 10) - 5DJ,5DK,5DH,5DG,5CX,5DE,OCU,OCI,OBZ,OBP,5BL,5BM,5BI,5BC,5BK,5B
H,5AY,
OR-D (36, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,OBP,OBK,OB
H,OAY,
OR-D (36, 12) - OEL,
OR-D (36, 13) - OEL,
OR-D (36, 14) - 4CL,7CH,OCE,OBO,OBH,OAY,
OR-D (36, 15) - OAY,
OR-D (36, 16) - 5AQ,OAS,OFG,OAY,
OR-D (36, 17) - 5TT,OEZ,OAD,OAQ,OAS,OFG,OAY,
OR-D (36, 18) - ODW,ODP,ODM,ODK,OCZ,OCV,OCL,OCH,OCE,OBO,OBH,OAY,
OR-D (36, 19) - 5CZ,OCV,OCL,OCH,OCE,OBO,OBH,OAY,
OR-D (36, 20) - OCU,OCI,OBZ,OBP,OBL,OBM,OBI,OBC,
OR-D (36, 21) - NO ,
OR-D (36, 22) - NO ,
OR-D (36, 23) - NO ,
OR-D (36, 24) - NO ,
OR-D (36, 25) - NO ,
OR-D (36, 26) - NO ,
OR-D (36, 27) - NO ,
OR-D (36, 28) - 5EX,5EY,5FF,ONN,OSS,OAG,OAP,OAU,OAT,OFG,OAY,
OR-D (36, 29) - ONN,OSS,OAG,OAP,OAU,OAT,OFG,OAY,
OR-D (36, 30) - 5SS,OAG,OAP,OAU,OAT,OFG,OAY,
OR-D (36, 31) - 5RR,OAJ,OAN,OAV,OBC,
OR-D (36, 32) - OAQ,OAS,OFG,OAY,
OR-D (36, 33) - OAI,OAN,OAV,OBC,
OR-D (36, 34) - OAK,OAN,OAV,OBC,
OR-D (36, 35) - OAY,
OR-D (36, 36) - NO ,
OR-D (36, 37) - OBC,OBD,
OR-D (36, 38) - OBC,OBI,OBM,OBL,5BP,
OR-D (36, 39) - OBC,OBI,5BM,5BQ,5BR,5BW,
OR-D (36, 40) - OBC,OBI,OBQ,

OR-D (36, 41) - OAY,OBH,OBO,OCE,5CH,
OR-D (36, 42) - OAY,OFG,OAT,OAZ,OBP,OBZ,5CI,
OR-D (36, 43) - OBC,OBD,OBE,OBS,OCQ,
OR-D (36, 44) - NO ,
OR-D (36, 45) - NO ,
OR-D (36, 46) - NO ,
OR-D (36, 47) - NO ,
OR-D (36, 48) - NO ,
OR-D (36, 49) - OBC,OBI,OBQ,OBR,OBX,
OR-D (36, 50) - OBC,OBD,OBE,OBF,
OR-D (36, 51) - OBC,OBD,OBE,OAM,
OR-D (36, 52) - NO ,
OR-D (36, 53) - OBC,OAV,OAN,OAK,OAL,OEM,OEN,OER,
OR-D (36, 54) - OAY,OFG,OAT,OAG,OAU,OAP,OSS,ONN,OEY,OHH,O U,O R,O P,
OR-D (36, 55) - OBC,OBD,OBE,OAM,OLL,O S,O Q,
OR-D (36, 56) - OAY,OFG,OAT,OAU,OAP,OAG,OSS,ONN,OMM,OII,OJJ,OKK,
OR-D (36, 57) - NO ,
OR-D (36, 58) - OBC,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,

ZON # 37

OR-D (37, 1) - NO ,
OR-D (37, 2) - NO ,
OR-D (37, 3) - NO ,
OR-D (37, 4) - 5UU,5EZ,5WW,OAD,OAQ,OAS,OFG,OAY,OBC,OBD,
OR-D (37, 5) - OAC,5AF,5AF,5AH,5AI,5AN,5AV,5AQ,5AS,5FG,5AY,5BC,OBD,
OR-D (37, 6) - OAW,OAX,OAY,OBC,OBD,
OR-D (37, 7) - 5BT,5BU,5BV,5BW,5BR,5BQ,5BJ,5BK,5BL,5BM,OBI,OBD,
OR-D (37, 8) - 5BU,5BV,5BW,5BR,5BQ,5BK,5BL,5BM,OBI,OBD,
OR-D (37, 9) - 4CM,3CJ,3CL,7CN,7CI,7BZ,7BP,7BL,7BM,3CF,3BU,3BW,3BR,3BQ,OBI,OB
D,
OR-D (37, 10) - 5DJ,5DK,5DH,5DG,5CX,5DE,OCU,OCI,OBZ,OBP,OBL,OBM,OBI,OBD,
OR-D (37, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,OBP,OBL,OB
M,OBI,OBD,
OR-D (37, 12) - 5EL,
OR-D (37, 13) - OEL,
OR-D (37, 14) - 4CN,4CO,4BY,4BR,4BQ,3CH,6FH,6BZ,6BP,6BL,6BM,OBI,OBD,
OR-D (37, 15) - OAY,OBC,OBD,
OR-D (37, 16) - 5AE,5AF,5AH,5AI,5FI,5AO,5AN,OAV,OBD,
OR-D (37, 17) - 5PP,5QQ,5RR,5EZ,5XX,5YY,OAJ,OAN,OAV,OBD,
OR-D (37, 18) - ODW,ODX,ODY,ODO,OCT,OCS,OBY,OBR,OBQ,OBI,OBD,
OR-D (37, 19) - 5CZ,ODE,ODF,OCS,OBY,OBR,OBQ,OBI,OBD,
OR-D (37, 20) - OCU,OCI,OBZ,OBP,OBL,OBM,OBI,OBD,
OR-D (37, 21) - NO ,
OR-D (37, 22) - NO ,
OR-D (37, 23) - NO ,
OR-D (37, 24) - NO ,
OR-D (37, 25) - NO ,
OR-D (37, 26) - NO ,
OR-D (37, 27) - NO ,
OR-D (37, 28) - 5EX,5EY,5FF,ONN,OSS,OAG,OAP,OAO,OAV,OBD,
OR-D (37, 29) - ONN,OSS,OAG,OAP,OAO,OAV,OBD,
OR-D (37, 30) - 5QQ,5RR,5YY,OAJ,OAN,OAV,OBD,
OR-D (37, 31) - 5RR,OAJ,OAN,OAV,OBD,
OR-D (37, 32) - OAE,OAF,OAH,OAI,OAN,OAV,OBD,
OR-D (37, 33) - OAI,OAN,OAV,OBD,
OR-D (37, 34) - OAK,OAN,OAV,OBD,
OR-D (37, 35) - OAY,OBC,OBD,
OR-D (37, 36) - OBC,OBD,
OR-D (37, 37) - NO ,

```
OR-D ( 37,.38) -  OBD,OBI,OBM,OBL,5BP,
OR-D ( 37, 39) -  OBD,OBI,5BM,5BQ,5BR,5BW,
OR-D ( 37, 40) -  OBD,OBI,OBQ,
OR-D ( 37, 41) -  OBD,OBI,OBM,OBL,OBP,OBZ,OFH,5CH,
OR-D ( 37, 42) -  OBD,OBI,OBM,OBL,OBP,OBZ,5CI,
OR-D ( 37, 43) -  OBE,OBS,OCQ,
OR-D ( 37, 44) -  NO ,
OR-D ( 37, 45) -  NO ,
OR-D ( 37, 46) -  NO ,
OR-D ( 37, 47) -  NO ,
OR-D ( 37, 48) -  NO ,
OR-D ( 37, 49) -  OBD,OBI,OBQ,OBR,OBX,
OR-D ( 37, 50) -  OBE,OBF,
OR-D ( 37, 51) -  OBE,OAM,
OR-D ( 37, 52) -  NO ,
OR-D ( 37, 53) -  OBD,OAV,OAN,OAK,OAL,OEM,OEN,OER,
OR-D ( 37, 54) -  OBE,OAM,OLL,0 S,0 N,0 P,
OR-D ( 37, 55) -  OBE,OAM,OLL,0 S,0 Q,
OR-D ( 37, 56) -  OBE,OAM,OLL,OCC,OJJ,OKK,
OR-D ( 37, 57) -  NO ,
OR-D ( 37, 58) -  OBD,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,
```

ZON # 38

```
OR-D ( 38, 1) -   NO ,
OR-D ( 38, 2) -   NO ,
OR-D ( 38, 3) -   NO ,
OR-D ( 38, 4) -   5UU,5EZ,5WW,0XX,0AG,0AP,0AU,0AZ,5BP,
OR-D ( 38, 5) -   0AC,0AE,0AF,0AP,0AU,0AZ,5BP,
OR-D ( 38, 6) -   0AW,0AX,0BH,0BK,5BP,
OR-D ( 38, 7) -   5BT,5BU,5BJ,5BK,
OR-D ( 38, 8) -   5BU,5BK,
OR-D ( 38, 9) -   4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,5BP,
OR-D ( 38, 10) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,5BP,
OR-D ( 38, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,0DM,0DG,0CU,0CI,0BZ,5BP,
OR-D ( 38, 12) -  0EL,
OR-D ( 38, 13) -  0EL,
OR-D ( 38, 14) -  4CN,4CI,3CH,6FH,0BZ,5BP,
OR-D ( 38, 15) -  0BH,0BK,5BP,
OR-D ( 38, 16) -  5AE,5AF,5AP,5FI,0AU,0AZ,5BP,
OR-D ( 38, 17) -  NO ,
OR-D ( 38, 18) -  0DW,0DX,0DY,0DM,0DG,0CU,0CI,0BZ,5BP,
OR-D ( 38, 19) -  5CZ,0DE,0CU,0CI,0BZ,5BP,
OR-D ( 38, 20) -  0CU,0CI,0BZ,5BP,
OR-D ( 38, 21) -  NO ,
OR-D ( 38, 22) -  NO ,
OR-D ( 38, 23) -  NO ,
OR-D ( 38, 24) -  NO ,
OR-D ( 38, 25) -  NO ,
OR-D ( 38, 26) -  NO ,
OR-D ( 38, 27) -  NO ,
OR-D ( 38, 28) -  NO ,
OR-D ( 38, 29) -  NO ,
OR-D ( 38, 30) -  NO ,
OR-D ( 38, 31) -  NO ,
OR-D ( 38, 32) -  0AE,0AF,0AP,0AU,0AZ,5BP,
OR-D ( 38, 33) -  0AH,0AP,0AU,0AZ,5BP,
OR-D ( 38, 34) -  0AK,0AI,0AH,0AP,0AU,0AZ,5BP,
OR-D ( 38, 35) -  0BH,0BK,5BP,
OR-D ( 38, 36) -  0BC,0BI,0BM,0BL,5BP,
```

```
OR-D ( 38, 37) -  OBD,OBI,OBM,OBL,5BP,
OR-D ( 38, 38) -  NO ,
OR-D ( 38, 39) -  5BL,5BV,
OR-D ( 38, 40) -  5BL,5BM,5BQ,5BV,5BW,5BR,
OR-D ( 38, 41) -  5BP,OBZ,OFH,5CH,
OR-D ( 38, 42) -  5BP,OBZ,5CI,
OR-D ( 38, 43) -  5BP,OBZ,OCI,OCO,OCP,
OR-D ( 38, 44) -  5BP,OBZ,OCI,OCU,5DE,5DG,5DH,
OR-D ( 38, 45) -  5BP,OBZ,OCI,OCU,5DG,
OR-D ( 38, 46) -  NO ,
OR-D ( 38, 47) -  NO ,
OR-D ( 38, 48) -  NO ,
OR-D ( 38, 49) -  5BP,OBV,OBW,OBX,
OR-D ( 38, 50) -  5BP,OBL,OBM,OBI,OBD,OBE,OBF,
OR-D ( 38, 51) -  5BP,OBL,OBM,OBI,OBD,OBE,OAM,
OR-D ( 38, 52) -  NO ,
OR-D ( 38, 53) -  5BP,OAZ,OAU,OAP,OAH,OAI,OAK,OAL,OEM,OEN,OER,
OR-D ( 38, 54) -  5BP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,O U,O R,O P,
OR-D ( 38, 55) -  5BP,OBL,OBM,OBI,OBD,OBE,OAM,OLL,O S,O Q,
OR-D ( 38, 56) -  5BP,OAZ,OAU,OAP,OAG,OSS,ONN,OMM,OII,OJJ,OKK,
OR-D ( 38, 57) -  NO ,
OR-D ( 38, 58) -  5BP,OAZ,OAU,OAP,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,
```

ZON # 39

```
OR-D ( 39, 1) -  NO ,
OR-D ( 39, 2) -  NO ,
OR-D ( 39, 3) -  NO ,
OR-D ( 39, 4) -  5UU,5EZ,5WW,OXX,OAG,OAP,OAU,OAZ,5BL,5BP,5BV,
OR-D ( 39, 5) -  OAC,OAE,OAF,OAP,OAU,OAZ,5BL,5BP,5BV,
OR-D ( 39, 6) -  OAW,OAX,OBH,5BK,5BL,5BO,5BU,5BV,
OR-D ( 39, 7) -  5BT,5BU,5BV,5BJ,5BK,5BL,
OR-D ( 39, 8) -  5BU,5BV,5BK,5BL,
OR-D ( 39, 9) -  4CM,4CN,4CI,4BZ,4BP,4BL,3CJ,3CH,3CF,6CE,6BU,6BV,
OR-D ( 39, 10) -  5DJ,5DK,5DH,5DG,5CX,5DE,OCU,OCI,OBZ,5BV,5BP,5BL,
OR-D ( 39, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,ODX,ODY,ODN,ODG,OCU,OCI,OBZ,5BV,5BP,5B
L,
OR-D ( 39, 12) -  OEL,
OR-D ( 39, 13) -  OEL,
OR-D ( 39, 14) -  4CN,4CI,3CH,6FH,OBZ,5BV,5BP,5BL,
OR-D ( 39, 15) -  OBH,OBK,5BL,5BP,5BV,
OR-D ( 39, 16) -  5AE,5AF,5AP,5FI,OAU,OAZ,5BL,5BP,5BV,
OR-D ( 39, 17) -  NO ,
OR-D ( 39, 18) -  ODW,ODX,ODY,5DO,5CT,5CS,5BY,5BW,5DN,5DG,5CU,5CI,5BZ,5BP,5BL,
OR-D ( 39, 19) -  5CZ,ODE,OCU,OCI,OBZ,5BV,5BP,5BL,
OR-D ( 39, 20) -  OCU,OCI,OBZ,5BV,5BP,5BL,
OR-D ( 39, 21) -  NO ,
OR-D ( 39, 22) -  NO ,
OR-D ( 39, 23) -  NO ,
OR-D ( 39, 24) -  NO ,
OR-D ( 39, 25) -  NO ,
OR-D ( 39, 26) -  NO ,
OR-D ( 39, 27) -  NO ,
OR-D ( 39, 28) -  NO ,
OR-D ( 39, 29) -  NO ,
OR-D ( 39, 30) -  NO ,
OR-D ( 39, 31) -  NO ,
OR-D ( 39, 32) -  OAE,OAF,OAP,OAU,OAZ,5BL,5BP,5BV,
OR-D ( 39, 33) -  OAH,OAP,OAU,OAZ,5BL,5BP,5BV,
OR-D ( 39, 34) -  OAK,OAN,OAV,OBI,5BM,5BQ,5BR,5BW,
```

```
OR-D ( 39, 35) -  0BH,0BK,5BL,5BP,5BV,
OR-D ( 39, 36) -  0BC,0BI,5BM,5BQ,5BR,5BW,
OR-D ( 39, 37) -  0BD,0BI,5BM,5BQ,5BR,5BW,
OR-D ( 39, 38) -  5BL,5BV,
OR-D ( 39, 39) -  NO ,
OR-D ( 39, 40) -  5BM,5BQ,5BW,5BR,
OR-D ( 39, 41) -  5BL,5BP,5BV,0BZ,0FH,5CH,
OR-D ( 39, 42) -  5BL,5BP,5BV,0BZ,5CI,
OR-D ( 39, 43) -  5BM,5BQ,5BR,5BW,0BY,0CP,
OR-D ( 39, 44) -  5BL,5BP,5BV,0BZ,0CI,0CU,5DE,5DG,5DH,
OR-D ( 39, 45) -  5BL,5BP,5BV,0BZ,0CI,0CU,5DG,
OR-D ( 39, 46) -  NO ,
OR-D ( 39, 47) -  NO ,
OR-D ( 39, 48) -  NO ,
OR-D ( 39, 49) -  5BM,5BQ,5BR,5BW,0BX,
OR-D ( 39, 50) -  5BW,5BQ,5BR,5BM,0BI,0BD,0BE,0BF,
OR-D ( 39, 51) -  5BV,5BP,5BL,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D ( 39, 52) -  NO ,
OR-D ( 39, 53) -  5BM,5BI,5AV,5AN,5BV,5BP,5AZ,5AU,5AP,5AH,5AI,0AK,0AL,0EM,0EN,0E
R,
OR-D ( 39, 54) -  5BV,5BP,5BL,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D ( 39, 55) -  5BW,5BQ,5BR,5BM,0BI,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D ( 39, 56) -  5BV,5BP,5BL,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 39, 57) -  NO ,
OR-D ( 39, 58) -  5BM,5BI,5AV,5AN,5BV,5BP,5AZ,5AU,5AP,5AH,5AI,0AK,0AL,0EM,0EN,0E
R,0ES,0EU,
```

ZON # 40

```
OR-D ( 40, 1) -  NO ,
OR-D ( 40, 2) -  NO ,
OR-D ( 40, 3) -  NO ,
OR-D ( 40, 4) -  5UU,5EZ,5WW,0XX,0AG,0AP,0AU,0AZ,0BL,0BM,0BQ,
OR-D ( 40, 5) -  0AC,0AE,0AF,0AP,0AU,0AZ,0BL,0BM,0BQ,
OR-D ( 40, 6) -  0AW,0AX,0AY,0BC,0BI,0BQ,
OR-D ( 40, 7) -  5BT,5BU,5BV,5BW,5BR,5BJ,5BK,5BL,5BM,5BQ,
OR-D ( 40, 8) -  5BU,5BV,5BW,5BR,5BK,5BL,5BM,5BQ,
OR-D ( 40, 9) -  4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,0BV,0BW,0BR,
OR-D ( 40, 10) -  5DJ,5DK,5DH,5DG,5CX,5 U,0CI,0BZ,0BV,0BW,0BR,
OR-D ( 40, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,5DO,5CT,5CS,5BY,5DN,5DG,5CU,5C
I,5BZ,5BV,5BW,0BR,
OR-D ( 40, 12) -  0EL,
OR-D ( 40, 13) -  0EL,
OR-D ( 40, 14) -  4CN,4CO,4BY,3CH,6CE,6BU,6BV,6BW,0BR,
OR-D ( 40, 15) -  0AY,0BC,0BI,0BQ,
OR-D ( 40, 16) -  5AE,5AF,5AP,5FI,0AU,0AZ,0BL,0BM,0BQ,
OR-D ( 40, 17) -  NO ,
OR-D ( 40, 18) -  0DW,0DX,0DY,0DO,0CT,0CS,0BY,0BR,
OR-D ( 40, 19) -  5CZ,0DE,0DF,0CS,0BY,0BR,
OR-D ( 40, 20) -  0CU,0CI,0BZ,0BV,0BW,0BR,
OR-D ( 40, 21) -  NO ,
OR-D ( 40, 22) -  NO ,
OR-D ( 40, 23) -  NO ,
OR-D ( 40, 24) -  NO ,
OR-D ( 40, 25) -  NO ,
OR-D ( 40, 26) -  NO ,
OR-D ( 40, 27) -  NO ,
OR-D ( 40, 28) -  NO ,
OR-D ( 40, 29) -  NO ,
OR-D ( 40, 30) -  NO ,
```

OR-D (40, 31) - NO ,
OR-D (40, 32) - 0AE,0AF,0AP,0AU,0AZ,0BL,0BM,0BQ,
OR-D (40, 33) - 0AI,0AN,0AV,0BI,0BQ,
OR-D (40, 34) - 0AK,0AN,0AV,0BI,0BQ,
OR-D (40, 35) - 0BH,0BK,0BL,0BM,0BQ,
OR-D (40, 36) - 0BC,0BI,0BQ,
OR-D (40, 37) - 0BD,0BI,0BQ,
OR-D (40, 38) - 5BL,5BM,5BQ,5BV,5BW,5BR,
OR-D (40, 39) - 5BM,5BQ,5BW,5BR,
OR-D (40, 40) - NO ,
OR-D (40, 41) - 0BR,0BW,0BV,0BZ,0FH,5CH,
OR-D (40, 42) - 0BR,0BW,0BV,0BZ,5CI,
OR-D (40, 43) - 0BR,0BY,0CP,
OR-D (40, 44) - 0BR,0BW,0BV,0BZ,0CI,0CU,5DE,5DG,5DH,
OR-D (40, 45) - 0BR,0BW,0BV,0BZ,0CI,0CU,5DG,
OR-D (40, 46) - NO ,
OR-D (40, 47) - NO ,
OR-D (40, 48) - 0BR,0BY,0CS,0CT,0DO,0DS,0DT,0DU,
OR-D (40, 49) - 0BR,0BX,
OR-D (40, 50) - 0BQ,0BI,0BD,0BE,0BF,
OR-D (40, 51) - 0BQ,0BI,0BD,0BE,0AM,
OR-D (40, 52) - NO ,
OR-D (40, 53) - 0BQ,0BI,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D (40, 54) - 0BQ,0BM,0BL,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D (40, 55) - 0BQ,0BI,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (40, 56) - 0BQ,0BI,0BD,0BE,0AM,0LL,0CC,0JJ,0KK,
OR-D (40, 57) - NO ,
OR-D (40, 58) - 0BQ,0BI,0AV,0AN,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

ZON # 41

OR-D (41, 1) - NO ,
OR-D (41, 2) - NO ,
OR-D (41, 3) - NO ,
OR-D (41, 4) - NO ,
OR-D (41, 5) - 0AC,7AE,7AF,7AP,7AU,7AZ,7BP,7BZ,7FH,3AQ,3AS,3FG,3BH,3BO,3CE,5C
H,
OR-D (41, 6) - 0AW,0AX,0BH,0BO,0CE,5CH,
OR-D (41, 7) - 5BJ,5BO,5BT,0CE,5CH,
OR-D (41, 8) - 5BO,0CE,5CH,
OR-D (41, 9) - 4CM,4CL,3CJ,2CH,3CF,
OR-D (41, 10) - 5DJ,5DK,5CZ,5CX,0CV,0CL,5CH,
OR-D (41, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,0DP,0DM,0DK,0CZ,0CV,0CL,5CH,
OR-D (41, 12) - 0EL,
OR-D (41, 13) - 0EL,
OR-D (41, 14) - 4CL,
OR-D (41, 15) - 0BH,0BO,0CE,5CH,
OR-D (41, 16) - 5AE,5AF,5AP,5FI,0AU,0AZ,0BP,0BZ,0FH,5CH,
OR-D (41, 17) - NO ,
OR-D (41, 18) - 0DW,0DP,0DM,0DK,0CZ,0CV,0CL,5CH,
OR-D (41, 19) - 5CZ,0CV,0CL,5CH,
OR-D (41, 20) - 0DE,0CV,0CL,5CH,
OR-D (41, 21) - NO ,
OR-D (41, 22) - NO ,
OR-D (41, 23) - NO ,
OR-D (41, 24) - NO ,
OR-D (41, 25) - NO ,
OR-D (41, 26) - NO ,
OR-D (41, 27) - NO ,
OR-D (41, 28) - NO ,

```
OR-D ( 41, 29) -  NO ,
OR-D ( 41, 30) -  NO ,
OR-D ( 41, 31) -  NO ,
OR-D ( 41, 32) -  0AE,0AF,0AP,0AU,0AZ,0BZ,0BP,0FH,5CH,
OR-D ( 41, 33) -  NO ,
OR-D ( 41, 34) -  NO ,
OR-D ( 41, 35) -  0BH,0BO,0CZ,5CH,
OR-D ( 41, 36) -  0AY,0BH,0BO,0CE,5CH,
OR-D ( 41, 37) -  0BD,0BI,0BM,0BL,0BP,0BZ,0FH,5CH,
OR-D ( 41, 38) -  5BP,0BZ,0FH,5CH,
OR-D ( 41, 39) -  5BL,5BP,5BV,0BZ,0FH,5CH,
OR-D ( 41, 40) -  0BR,0BW,0BV,0BZ,0FH,5CH,
OR-D ( 41, 41) -  NO ,
OR-D ( 41, 42) -  5FH,5CL,5CN,
OR-D ( 41, 43) -  5CH,0CL,0CN,0CO,0CP,
OR-D ( 41, 44) -  5CH,0CL,0CV,5CZ,
OR-D ( 41, 45) -  5CH,0CL,0CN,0CU,5DG,
OR-D ( 41, 46) -  5CH,0CL,0CV,0CZ,0DK,0DM,0DQ,
OR-D ( 41, 47) -  5CH,0CL,0CN,0DG,0DN,0DS,
OR-D ( 41, 48) -  5CH,0CL,0CN,0CO,0CP,0CQ,0CR,0DU,
OR-D ( 41, 49) -  5CH,0FH,0BZ,0BV,0BW,0BX,
OR-D ( 41, 50) -  5CH,0FH,0BZ,0BP,0BL,0BM,0BI,0BD,0BE,0BF,
OR-D ( 41, 51) -  5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D ( 41, 52) -  NO ,
OR-D ( 41, 53) -  5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 41, 54) -  5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D ( 41, 55) -  5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0YY,0ZZ,0LL,0 S,0 Q,
OR-D ( 41, 56) -  5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 41, 57) -  NO ,
OR-D ( 41, 58) -  5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0E
U,
```

ZON # 42

```
OR-D ( 42, 1) -  NO ,
OR-D ( 42, 2) -  NO ,
OR-D ( 42, 3) -  NO ,
OR-D ( 42, 4) -  NO ,
OR-D ( 42, 5) -  0AC,0AE,0AF,0AP,0AU,0AZ,0BP,0BZ,5CI,
OR-D ( 42, 6) -  0AW,0AX,0BH,0BK,0BP,0BZ,5CI,
OR-D ( 42, 7) -  5BJ,5BK,5BP,5BT,5BU,0BZ,5CI,
OR-D ( 42, 8) -  5BK,5BP,5BU,0BZ,5CI,
OR-D ( 42, 9) -  4CM,3CJ,3CL,7CN,2CI,3CF,3FH,
OR-D ( 42, 10) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,5CI,
OR-D ( 42, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,0DN,0DG,0CU,5CI,
OR-D ( 42, 12) -  0EL,
OR-D ( 42, 13) -  0EL,
OR-D ( 42, 14) -  3CL,7CN,2CI,3FH,
OR-D ( 42, 15) -  0BH,0BK,0BP,0BZ,5CI,
OR-D ( 42, 16) -  5AE,5AF,5AP,5FI,0AU,0AZ,0BP,0BZ,5CI,
OR-D ( 42, 17) -  NO ,
OR-D ( 42, 18) -  0DW,0DX,0DY,0DN,0DG,0CU,5CI,
OR-D ( 42, 19) -  5CZ,0DE,0CU,5CI,
OR-D ( 42, 20) -  0CU,5CI,
OR-D ( 42, 21) -  NO ,
OR-D ( 42, 22) -  NO ,
OR-D ( 42, 23) -  NO ,
OR-D ( 42, 24) -  NO ,
OR-D ( 42, 25) -  NO ,
OR-D ( 42, 26) -  NO ,
```

```
OR-D ( 42,-27) -  NO ,
OR-D ( 42, 28) -  NO ,
OR-D ( 42, 29) -  NO ,
OR-D ( 42, 30) -  NO ,
OR-D ( 42, 31) -  NO ,
OR-D ( 42, 32) -  0AE,0AF,0AP,0AU,0AZ,0BP,0BZ,5CI,
OR-D ( 42, 33) -  NO ,
OR-D ( 42, 34) -  NO ,
OR-D ( 42, 35) -  0BH,0BK,0BP,0BZ,5CI,
OR-D ( 42, 36) -  0AY,0FG,0AT,0AZ,0BP,0BZ,5CI,
OR-D ( 42, 37) -  0BD,0BI,0BM,0BL,0BP,0BZ,5CI,
OR-D ( 42, 38) -  5BP,0BZ,5CI,
OR-D ( 42, 39) -  5BL,5BP,5BV,0BZ,5CI,
OR-D ( 42, 40) -  0BR,0BW,0BV,0BZ,5CI,
OR-D ( 42, 41) -  5FH,5CL,5CN,
OR-D ( 42, 42) -  NO ,
OR-D ( 42, 43) -  5CI,0CO,0CP,
OR-D ( 42, 44) -  5CI,0CU,5DE,5DG,5DH,
OR-D ( 42, 45) -  5CI,0CU,5DG,
OR-D ( 42, 46) -  5CI,0CU,0DG,0DZ,0DR,
OR-D ( 42, 47) -  5CI,0CU,0DG,0DN,0DS,
OR-D ( 42, 48) -  5CI,0CU,0DG,0DN,0DS,0DT,0DU,
OR-D ( 42, 49) -  5CI,0BZ,0BV,0BW,0BX,
OR-D ( 42, 50) -  5CI,0CO,0CP,0CQ,0BS,
OR-D ( 42, 51) -  5CI,0CO,0CP,0CQ,0BS,0AM,
OR-D ( 42, 52) -  NO ,
OR-D ( 42, 53) -  5CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 42, 54) -  5CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0MN,0EY,0HH,0 U,0 R,0 P,
OR-D ( 42, 55) -  5CI,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D ( 42, 56) -  5CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 42, 57) -  NO ,
OR-D ( 42, 58) -  5CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AL,0EM,0EN,0ER,0ES,0EU,0AK,
```

ZON # 43

```
OR-D ( 43, 1) -  NO ,
OR-D ( 43, 2) -  NO ,
OR-D ( 43, 3) -  NO ,
OR-D ( 43, 4) -  NO ,
OR-D ( 43, 5) -  NO ,
OR-D ( 43, 6) -  NO ,
OR-D ( 43, 7) -  5BJ,5BK,5BP,5BT,5BU,0BZ,0CI,0CO,0CP,
OR-D ( 43, 8) -  5BK,5BP,5BU,0BZ,0CI,0CO,0CP,
OR-D ( 43, 9) -  3CF,3FH,3CI,3CJ,3CL,4CM,7CN,0CO,0CP,
OR-D ( 43, 10) -  5DJ,5DH,5DK,5DI,5CJ,5CX,5DE,5DF,0CS,0CP,
OR-D ( 43, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,0DO,0CT,0CS,0CP,
OR-D ( 43, 12) -  0EL,
OR-D ( 43, 13) -  0EL,
OR-D ( 43, 14) -  3CH,6CL,0CN,0CO,0CP,
OR-D ( 43, 15) -  0BH,0BK,0BP,0BZ,0CI,0CO,0CP,
OR-D ( 43, 16) -  NO ,
OR-D ( 43, 17) -  NO ,
OR-D ( 43, 18) -  0DW,0DX,0DY,0DO,0CT,0CS,0CP,
OR-D ( 43, 19) -  5CZ,0DE,0DF,0CS,0CP,
OR-D ( 43, 20) -  0CU,0CO,0CP,
OR-D ( 43, 21) -  NO ,
OR-D ( 43, 22) -  NO ,
OR-D ( 43, 23) -  NO ,
OR-D ( 43, 24) -  NO ,
OR-D ( 43, 25) -  NO ,
```

```
OR-D ( 43, 26) -  NO ,
OR-D ( 43, 27) -  NO ,
OR-D ( 43, 28) -  NO ,
OR-D ( 43, 29) -  NO ,
OR-D ( 43, 30) -  NO ,
OR-D ( 43, 31) -  NO ,
OR-D ( 43, 32) -  NO ,
OR-D ( 43, 33) -  NO ,
OR-D ( 43, 34) -  NO ,
OR-D ( 43, 35) -  0BH,0BK,0BP,0BZ,0CI,0CO,0CP,
OR-D ( 43, 36) -  0BC,0BD,0BE,0BS,0CQ,
OR-D ( 43, 37) -  0BE,0BS,0CQ,
OR-D ( 43, 38) -  5BP,0BZ,0CI,0CO,0CP,
OR-D ( 43, 39) -  5BM,5BQ,5BR,5BW,0BY,0CP,
OR-D ( 43, 40) -  0BR,0BY,0CP,
OR-D ( 43, 41) -  5CH,0CL,0CN,0CO,0CP,
OR-D ( 43, 42) -  5CI,0CO,0CP,
OR-D ( 43, 43) -  NO ,
OR-D ( 43, 44) -  0CP,0CO,0CN,0CV,5CE,
OR-D ( 43, 45) -  0CP,0CO,0CU,5DG,
OR-D ( 43, 46) -  0CP,0CS,0CT,0DO,0DR,
OR-D ( 43, 47) -  0CQ,0CR,0DT,
OR-D ( 43, 48) -  0CQ,0CR,0DU,
OR-D ( 43, 49) -  0CP,0BY,0BX,
OR-D ( 43, 50) -  0CQ,0BS,0BF,
OR-D ( 43, 51) -  0CQ,0BS,0AM,
OR-D ( 43, 52) -  NO ,
OR-D ( 43, 53) -  0CQ,0BS,0AM,0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 43, 54) -  0CQ,0BS,0AM,0LL,0 S,0 N,0 P,
OR-D ( 43, 55) -  0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D ( 43, 56) -  0CQ,0BS,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 43, 57) -  NO ,
OR-D ( 43, 58) -  0CQ,0BS,0AM,0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
```

ZON # 44

```
OR-D ( 44, 1) -  NO ,
OR-D ( 44, 2) -  NO ,
OR-D ( 44, 3) -  NO ,
OR-D ( 44, 4) -  NO ,
OR-D ( 44, 5) -  NO ,
OR-D ( 44, 6) -  0AW,0AX,0BH,0BK,0BP,0BZ,0CI,0CU,5DE,5DG,5DH,
OR-D ( 44, 7) -  5BJ,5BK,5BP,5BZ,5CI,5CU,5DG,5DH,5BT,5CE,5CH,5CL,5CV,
OR-D ( 44, 8) -  5BK,5BP,5BZ,5CI,5CU,5DG,5DH,5CE,5CH,5CL,5CV,
OR-D ( 44, 9) -  3CF,3FH,3CI,3CU,3DG,3DH,3CJ,3CL,4CM,7CV,2CZ,
OR-D ( 44, 10) -  5CX,5DJ,5DK,
OR-D ( 44, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DP,0DM,0DK,5CZ,
OR-D ( 44, 12) -  0EL,
OR-D ( 44, 13) -  0EL,
OR-D ( 44, 14) -  3CH,6CL,0CV,5CE,
OR-D ( 44, 15) -  NO ,
OR-D ( 44, 16) -  NO ,
OR-D ( 44, 17) -  NO ,
OR-D ( 44, 18) -  0DW,0DP,0DM,0DK,5CZ,
OR-D ( 44, 19) -  NO ,
OR-D ( 44, 20) -  0DE,5CZ,
OR-D ( 44, 21) -  NO ,
OR-D ( 44, 22) -  NO ,
OR-D ( 44, 23) -  NO ,
OR-D ( 44, 24) -  NO ,
```

OR-D (44, 25) - NO ,
OR-D (44, 26) - NO ,
OR-D (44, 27) - NO ,
OR-D (44, 28) - NO ,
OR-D (44, 29) - NO ,
OR-D (44, 30) - NO ,
OR-D (44, 31) - NO ,
OR-D (44, 32) - NO ,
OR-D (44, 33) - NO ,
OR-D (44, 34) - NO ,
OR-D (44, 35) - NO ,
OR-D (44, 36) - NO ,
OR-D (44, 37) - NO ,
OR-D (44, 38) - 5BP,0BZ,0CI,0CU,5DE,5DG,5DH,
OR-D (44, 39) - 5BL,5BP,5BV,0BZ,0CI,0CU,5DE,5DG,5DH,
OR-D (44, 40) - 0BR,0BW,0BV,0BZ,0CI,0CU,5DE,5DG,5DH,
OR-D (44, 41) - 5CH,0CL,0CV,5CZ,
OR-D (44, 42) - 5CI,0CU,5DE,5DG,5DH,
OR-D (44, 43) - 0CP,0CO,0CN,0CV,5CE,
OR-D (44, 44) - NO ,
OR-D (44, 45) - 5DE,5DH,
OR-D (44, 46) - 5CZ,0DK,0DM,0DQ,
OR-D (44, 47) - 5DE,5DG,5DH,0DN,0DS,
OR-D (44, 48) - 5DE,5DG,5DH,0DN,0DS,0DT,0DU,
OR-D (44, 49) - 5DH,5DG,5DE,0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D (44, 50) - NO ,
OR-D (44, 51) - NO ,
OR-D (44, 52) - NO ,
OR-D (44, 53) - 5DH,5DG,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,
OR-D (44, 54) - 5DH,5DG,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0
U,0 R,0 P,
OR-D (44, 55) - 5CZ,0CV,0CN,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (44, 56) - 5DH,5DG,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0J
J,0KK,
OR-D (44, 57) - NO ,
OR-D (44, 58) - 5DH,5DG,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,0ES,0EU,

ZON # 45

OR-D (45, 1) - NO ,
OR-D (45, 2) - NO ,
OR-D (45, 3) - NO ,
OR-D (45, 4) - NO ,
OR-D (45, 5) - NO ,
OR-D (45, 6) - 0AW,0AX,0BH,0BK,0BP,0BZ,0CI,0CU,5DG,
OR-D (45, 7) - 5BJ,5BK,5BP,5BT,5BU,0BZ,0CI,0CU,5DG,
OR-D (45, 8) - 5BK,5BP,5BU,0BZ,0CI,0CU,5DG,
OR-D (45, 9) - 3CF,3FH,3CJ,3CI,3CL,4CM,7CN,0CU,5DG,
OR-D (45, 10) - 5CX,5DE,5DJ,5DK,5DH,
OR-D (45, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,0DN,5DG,
OR-D (45, 12) - 0EL,
OR-D (45, 13) - 0EL,
OR-D (45, 14) - 3FH,3CI,3CL,7CN,0CU,5DG,
OR-D (45, 15) - NO ,
OR-D (45, 16) - NO ,
OR-D (45, 17) - NO ,
OR-D (45, 18) - 0DW,0DP,0DM,0DH,5DG,
OR-D (45, 19) - 5CZ,5DH,5DE,

```
OR-D ( 45, 20) -  5DG,
OR-D ( 45, 21) -  NO ,
OR-D ( 45, 22) -  NO ,
OR-D ( 45, 23) -  NO ,
OR-D ( 45, 24) -  NO ,
OR-D ( 45, 25) -  NO ,
OR-D ( 45, 26) -  NO ,
OR-D ( 45, 27) -  NO ,
OR-D ( 45, 28) -  NO ,
OR-D ( 45, 29) -  NO ,
OR-D ( 45, 30) -  NO ,
OR-D ( 45, 31) -  NO ,
OR-D ( 45, 32) -  NO ,
OR-D ( 45, 33) -  NO ,
OR-D ( 45, 34) -  NO ,
OR-D ( 45, 35) -  NO ,
OR-D ( 45, 36) -  NO ,
OR-D ( 45, 37) -  NO ,
OR-D ( 45, 38) -  5BP,0BZ,0CI,0CU,5DG,
OR-D ( 45, 39) -  5BL,5BP,5BV,0BZ,0CI,0CU,5DG,
OR-D ( 45, 40) -  0BR,0BW,0BV,0BZ,0CI,0CU,5DG,
OR-D ( 45, 41) -  5CH,0CL,0CN,0CU,5DG,
OR-D ( 45, 42) -  5CI,0CU,5DG,
OR-D ( 45, 43) -  0CP,0CO,0CU,5DG,
OR-D ( 45, 44) -  5DE,5DH,
OR-D ( 45, 45) -  NO ,
OR-D ( 45, 46) -  5DG,0DN,0DR,
OR-D ( 45, 47) -  5DG,0DN,0DS,
OR-D ( 45, 48) -  5DG,0DN,0DS,0DT,0DU,
OR-D ( 45, 49) -  5DG,0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D ( 45, 50) -  NO ,
OR-D ( 45, 51) -  NO ,
OR-D ( 45, 52) -  NO ,
OR-D ( 45, 53) -  5DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 45, 54) -  5DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0
P,
OR-D ( 45, 55) -  5DG,0CU,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D ( 45, 56) -  5DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 45, 57) -  NO ,
OR-D ( 45, 58) -  5DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0E
S,0EU,
```

ZON # 46

```
OR-D ( 46, 1) -  NO ,
OR-D ( 46, 2) -  NO ,
OR-D ( 46, 3) -  NO ,
OR-D ( 46, 4) -  NO ,
OR-D ( 46, 5) -  NO ,
OR-D ( 46, 6) -  NO ,
OR-D ( 46, 7) -  NO ,
OR-D ( 46, 8) -  NO ,
OR-D ( 46, 9) -  3CF,3FH,3CI,3CJ,3CL,4CM,5CV,5CE,5DK,5DM, DQ,2CN,5CU,5DG,5DN,5D
R,
OR-D ( 46, 10) -  5CX,5DE,5DG,5DN,5DR,5DJ,5DM,5DQ,
OR-D ( 46, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DP,0DQ,
OR-D ( 46, 12) -  0EL,
OR-D ( 46, 13) -  0EL,
OR-D ( 46, 14) -  3FH,3CI,3CL,7CN,0CU,0DG,0DN,0DR,
OR-D ( 46, 15) -  NO ,
```

```
OR-D ( 46, 16) -  NO ,
OR-D ( 46, 17) -  NO ,
OR-D ( 46, 18) -  0DW,0DP,0DQ,
OR-D ( 46, 19) -  5CZ,0DK,0DM,0DQ,
OR-D ( 46, 20) -  0DG,0DN,0DR,
OR-D ( 46, 21) -  NO ,
OR-D ( 46, 22) -  NO ,
OR-D ( 46, 23) -  NO ,
OR-D ( 46, 24) -  NO ,
OR-D ( 46, 25) -  NO ,
OR-D ( 46, 26) -  NO ,
OR-D ( 46, 27) -  NO ,
OR-D ( 46, 28) -  NO ,
OR-D ( 46, 29) -  NO ,
OR-D ( 46, 30) -  NO ,
OR-D ( 46, 31) -  NO ,
OR-D ( 46, 32) -  NO ,
OR-D ( 46, 33) -  NO ,
OR-D ( 46, 34) -  NO ,
OR-D ( 46, 35) -  NO ,
OR-D ( 46, 36) -  NO ,
OR-D ( 46, 37) -  NO ,
OR-D ( 46, 38) -  NO ,
OR-D ( 46, 39) -  NO ,
OR-D ( 46, 40) -  NO ,
OR-D ( 46, 41) -  5CH,0CL,0CV,0CZ,0DK,0DM,0DQ,
OR-D ( 46, 42) -  5CI,0CU,0DG,0DZ,0DR,
OR-D ( 46, 43) -  0CP,0CS,0CT,0DO,0DR,
OR-D ( 46, 44) -  5CZ,0DK,0DM,0DQ,
OR-D ( 46, 45) -  5DG,0DN,0DR,
OR-D ( 46, 46) -  NO ,
OR-D ( 46, 47) -  0DR,0DS,
OR-D ( 46, 48) -  0DR,0DS,0DT,0DU,
OR-D ( 46, 49) -  0DR,0DO,0CT,0CS,0BY,0BX,
OR-D ( 46, 50) -  NO ,
OR-D ( 46, 51) -  NO ,
OR-D ( 46, 52) -  NO ,
OR-D ( 46, 53) -  0DR,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,
OR-D ( 46, 54) -  0DR,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0
U,0 R,0 P,
OR-D ( 46, 55) -  0DR,0DS,0DT,0CR,0BS,0AM,0LL,0 S,0 Q,
OR-D ( 46, 56) -  0DR,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0J
J,0KK,
OR-D ( 46, 57) -  NO ,
OR-D ( 46, 58) -  0DR,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,0ES,0EU,
```

ZON # 47

```
OR-D ( 47, 1) -  NO ,
OR-D ( 47, 2) -  NO ,
OR-D ( 47, 3) -  NO ,
OR-D ( 47, 4) -  NO ,
OR-D ( 47, 5) -  NO ,
OR-D ( 47, 6) -  NO ,
OR-D ( 47, 7) -  NO ,
OR-D ( 47, 8) -  NO ,
OR-D ( 47, 9) -  3CF,3FH,3CI,3CJ,3CL,4CM,7CN,0CU,0DG,0DN,0DS,
OR-D ( 47, 10) -  5CX,5DE,5DG,5DN,5DJ,5DM,5DQ,5DR,0DS,
```

```
OR-D ( 47,.11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,0DS,
OR-D ( 47, 12) -  0EL,
OR-D ( 47, 13) -  0EL,
OR-D ( 47, 14) -  3FH,3CI,3CL,7CN,0CU,0DG,0DN,0DS,
OR-D ( 47, 15) -  NO ,
OR-D ( 47, 16) -  NO ,
OR-D ( 47, 17) -  NO ,
OR-D ( 47, 18) -  0DW,0DP,0DQ,0DR,0DS,
OR-D ( 47, 19) -  5CZ,0DK,0DM,0DQ,0DR,0DS,
OR-D ( 47, 20) -  0DG,0DN,0DS,
OR-D ( 47, 21) -  NO ,
OR-D ( 47, 22) -  NO ,
OR-D ( 47, 23) -  NO ,
OR-D ( 47, 24) -  NO ,
OR-D ( 47, 25) -  NO ,
OR-D ( 47, 26) -  NO ,
OR-D ( 47, 27) -  NO ,
OR-D ( 47, 28) -  NO ,
OR-D ( 47, 29) -  NO ,
OR-D ( 47, 30) -  NO ,
OR-D ( 47, 31) -  NO ,
OR-D ( 47, 32) -  NO ,
OR-D ( 47, 33) -  NO ,
OR-D ( 47, 34) -  NO ,
OR-D ( 47, 35) -  NO ,
OR-D ( 47, 36) -  NO ,
OR-D ( 47, 37) -  NO ,
OR-D ( 47, 38) -  NO ,
OR-D ( 47, 39) -  NO ,
OR-D ( 47, 40) -  NO ,
OR-D ( 47, 41) -  5CH,0CL,0CN,0DG,0DN,0DS,
OR-D ( 47, 42) -  5CI,0CU,0DG,0DN,0DS,
OR-D ( 47, 43) -  0CQ,0CR,0DT,
OR-D ( 47, 44) -  5DE,5DG,5DH,0DN,0DS,
OR-D ( 47, 45) -  5DG,0DN,0DS,
OR-D ( 47, 46) -  0DR,0DS,
OR-D ( 47, 47) -  NO ,
OR-D ( 47, 48) -  0DT,0DU,
OR-D ( 47, 49) -  0DS,0DO,0CT,0CS,0BY,0BX,
OR-D ( 47, 50) -  0DT,0CR,0BS,0BF,
OR-D ( 47, 51) -  NO ,
OR-D ( 47, 52) -  NO ,
OR-D ( 47, 53) -  0DS,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,
OR-D ( 47, 54) -  0DS,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0
U,0 R,0 P,
OR-D ( 47, 55) -  0DT,0CR,0BS,0AM,0LL,0 S,0 Q,
OR-D ( 47, 56) -  0DT,0CR,0BS,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 47, 57) -  NO ,
OR-D ( 47, 58) -  NO ,
```

ZON # 48

```
OR-D ( 48, 1) -   NO ,
OR-D ( 48, 2) -   NO ,
OR-D ( 48, 3) -   NO ,
OR-D ( 48, 4) -   NO ,
OR-D ( 48, 5) -   NO ,
OR-D ( 48, 6) -   NO ,
OR-D ( 48, 7) -   NO ,
```

```
OR-D ( 48,  8) -  NO ,
OR-D ( 48,  9) -  3CF,3FH,3CI,3CJ,3CL,4CM,7CN,0CU,0DG,0DN,0DS,0DT,0DU,
OR-D ( 48, 10) -  5CX,5DE,5DG,5DN,5DJ,5DM,5DQ,5DR,0DS,0DT,0DU,
OR-D ( 48, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,0DS,0DT,0DU,
OR-D ( 48, 12) -  0EL,
OR-D ( 48, 13) -  0EL,
OR-D ( 48, 14) -  3FH,3CI,3CL,7CN,0CU,0DG,0DN,0DS,0DT,0DU,
OR-D ( 48, 15) -  NO ,
OR-D ( 48, 16) -  NO ,
OR-D ( 48, 17) -  NO ,
OR-D ( 48, 18) -  0DW,0DP,0DQ,0DR,0DS,0DT,0DU,
OR-D ( 48, 19) -  5CZ,0DK,0DM,0DQ,0DR,0DS,0DT,0DU,
OR-D ( 48, 20) -  0DG,0DN,0DS,0DT,0DU,
OR-D ( 48, 21) -  NO ,
OR-D ( 48, 22) -  NO ,
OR-D ( 48, 23) -  NO ,
OR-D ( 48, 24) -  NO ,
OR-D ( 48, 25) -  NO ,
OR-D ( 48, 26) -  NO ,
OR-D ( 48, 27) -  NO ,
OR-D ( 48, 28) -  NO ,
OR-D ( 48, 29) -  NO ,
OR-D ( 48, 30) -  NO ,
OR-D ( 48, 31) -  NO ,
OR-D ( 48, 32) -  NO ,
OR-D ( 48, 33) -  NO ,
OR-D ( 48, 34) -  NO ,
OR-D ( 48, 35) -  NO ,
OR-D ( 48, 36) -  NO ,
OR-D ( 48, 37) -  NO ,
OR-D ( 48, 38) -  NO ,
OR-D ( 48, 39) -  NO ,
OR-D ( 48, 40) -  0BR,0BY,0CS,0CT,0DO,0DS,0DT,0DU,
OR-D ( 48, 41) -  5CH,0CL,0CN,0CO,0CP,0CQ,0CR,0DU,
OR-D ( 48, 42) -  5CI,0CU,0DG,0DN,0DS,0DT,0DU,
OR-D ( 48, 43) -  0CQ,0CR,0DU,
OR-D ( 48, 44) -  5DE,5DG,5DH,0DN,0DS,0DT,0DU,
OR-D ( 48, 45) -  5DG,0DN,0DS,0DT,0DU,
OR-D ( 48, 46) -  0DR,0DS,0DT,0DU,
OR-D ( 48, 47) -  0DT,0DU,
OR-D ( 48, 48) -  NO ,
OR-D ( 48, 49) -  0DU,0CR,0CQ,0CP,0BY,0BX,
OR-D ( 48, 50) -  0DU,0CR,0BS,0BF,
OR-D ( 48, 51) -  0DU,0CR,0BS,0AM,
OR-D ( 48, 52) -  NO ,
OR-D ( 48, 53) -  0DU,0CR,0BS,0BE,0BD,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 48, 54) -  0DU,0CR,0BS,0AM,0LL,0 S,0 N,0 P,
OR-D ( 48, 55) -  0DU,0CR,0BS,0AM,0LL,0 S,0 Q,
OR-D ( 48, 56) -  0DU,0CR,0BS,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 48, 57) -  NO ,
OR-D ( 48, 58) -  0DU,0CR,0BS,0BE,0BD,0AV,0AN,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

                                                ZON #  49

OR-D ( 49, 1) -  NO ,
OR-D ( 49, 2) -  NO ,
OR-D ( 49, 3) -  NO ,
OR-D ( 49, 4) -  NO ,
OR-D ( 49, 5) -  0AC,0AE,0AF,0AP,0AU,0AZ,0BP,0BV,0BW,0BX,
OR-D ( 49, 6) -  0AW,0AX,0BH,5BK,5BP,5BO,5BU,0BV,0BW,0BX,
```

```
OR-D ( 49,.7) -   5BJ,5BK,5BP,5BT,5BU,0BV,0BW,0BX,
OR-D ( 49, 8) -   5BK,5BP,5BU,0BV,0BW,0BX,
OR-D ( 49, 9) -   4CM,4CN,2CI,2BZ,2CO,2BY,3CJ,3CH,3CF,6CE,6BU,8BV,8BW,0BX,
OR-D ( 49, 10) -  5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D ( 49, 11) -  5EG,5EH,5EI,5EJ,5DV,5DW,0DX,0DY,5DO,5CT,5CS,5BY,5DN,5DG,5CU,5C
I,5BZ,5BV,5BW,0BX,
OR-D ( 49, 12) -  0EL,
OR-D ( 49, 13) -  0EL,
OR-D ( 49, 14) -  4CN,4CO,4BY,3CH,6CE,6BU,6BV,6BW,0BX,
OR-D ( 49, 15) -  0BH,5BK,5BP,5BO,5BU,0BV,0BW,0BX,
OR-D ( 49, 16) -  5AE,5AF,5AP,5FI,0AU,0AZ,0BP,0BV,0BW,0BX,
OR-D ( 49, 17) -  NO ,
OR-D ( 49, 18) -  0DW,0DP,0DM,0DK,0CZ,0CV,0CL,0CH,0CE,0BU,0BV,0BW,0BX,
OR-D ( 49, 19) -  5CZ,0CV,0CL,0CH,0CE,0BU,0BV,0BW,0BX,
OR-D ( 49, 20) -  0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D ( 49, 21) -  NO ,
OR-D ( 49, 22) -  NO ,
OR-D ( 49, 23) -  NO ,
OR-D ( 49, 24) -  0 H,0 V,0AA,0HH,0EY,0NN,0SS,0AG,0AP,0AU,0AZ,0BP,0BV,0BW,0BX,
OR-D ( 49, 25) -  NO ,
OR-D ( 49, 26) -  0AA,0HH,0EY,0NN,0SS,0AG,0AP,0AU,0AZ,0BP,0BV,0BW,0BX,
OR-D ( 49, 27) -  NO ,
OR-D ( 49, 28) -  NO ,
OR-D ( 49, 29) -  NO ,
OR-D ( 49, 30) -  NO ,
OR-D ( 49, 31) -  NO ,
OR-D ( 49, 32) -  NO ,
OR-D ( 49, 33) -  NO ,
OR-D ( 49, 34) -  0AK,0AN,0AV,0BI,0BQ,0BR,0BX,
OR-D ( 49, 35) -  0BH,0BO,0BU,0BV,0BW,0BX,
OR-D ( 49, 36) -  0BC,0BI,0BQ,0BR,0BX,
OR-D ( 49, 37) -  0BD,0BI,0BQ,0BR,0BX,
OR-D ( 49, 38) -  5BP,0BV,0BW,0BX,
OR-D ( 49, 39) -  5BM,5BQ,5BR,5BW,0BX,
OR-D ( 49, 40) -  0BR,0BX,
OR-D ( 49, 41) -  5CH,0FH,0BZ,0BV,0BW,0BX,
OR-D ( 49, 42) -  5CI,0BZ,0BV,0BW,0BX,
OR-D ( 49, 43) -  0CP,0BY,0BX,
OR-D ( 49, 44) -  5DH,5DG,5DE,0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D ( 49, 45) -  5DG,0CU,0CI,0BZ,0BV,0BW,0BX,
OR-D ( 49, 46) -  0DR,0DO,0CT,0CS,0BY,0BX,
OR-D ( 49, 47) -  0DS,0DO,0CT,0CS,0BY,0BX,
OR-D ( 49, 48) -  0DU,0CR,0CQ,0CP,0BY,0BX,
OR-D ( 49, 49) -  NO ,
OR-D ( 49, 50) -  0BX,0BR,0BQ,0BI,0BD,0BE,0BF,
OR-D ( 49, 51) -  0BX,0BR,0BQ,0BI,0BD,0BE,0AM,
OR-D ( 49, 52) -  NO ,
OR-D ( 49, 53) -  0BX,0BR,0BQ,0BI,0AN,0AV,0AK,0AL,0EM,0EN,0ER,
OR-D ( 49, 54) -  0BX,0BW,0BV,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0EY,0HH,0 U,0 R,0 P,
OR-D ( 49, 55) -  0BX,0BR,0BQ,0BI,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D ( 49, 56) -  0BX,0BW,0BV,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 49, 57) -  NO ,
OR-D ( 49, 58) -  0BX,0BR,0BQ,0BI,0AN,0AV,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

                                        ZON #  50

OR-D ( 50, 1) -   NO ,
OR-D ( 50, 2) -   0 A,
OR-D ( 50, 3) -   NO ,
OR-D ( 50, 4) -   5UU,5EZ,5WW,0AD,0AQ,0AS,0FG,0AY,0BC,0BD,0BE,0BF,
```

```
OR-D ( 50,-5) -  0AC,5AE,5AF,5AH,5AI,5AN,5AV,5AQ,5AS,5FG,5AY,5BC,0BD,0BE,0BF,
OR-D ( 50, 6) -  0AW,0AX,0AY,0BC,0BD,0BE,0BF,
OR-D ( 50, 7) -  5BT,5BU,5BV,5BW,5BR,5BQ,5BJ,5BK,5BL,5BM,0BI,0BD,0BE,0BF,
OR-D ( 50, 8) -  5BU,5BV,5BW,5BR,5BQ,5BI,5BH,5AY,5BC,0BD,0BE,0BF,
OR-D ( 50, 9) -  4CM,3CJ,3CL,7CN,7CO,7CP,7CQ,7BS,3CF,3CE,3BO,3BH,3AY,3BC,3BD,3B
E,0BF,
OR-D ( 50, 10) - 5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BP,0BL,0BM,0BI,0BD,0BE,0B
F,
OR-D ( 50, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,0DP,0DQ,0DR,0DS,0DT,0CR,0BS,0BF,
OR-D ( 50, 12) - 0EL,
OR-D ( 50, 13) - 0 E,0 H,0 V,0AA,0BB,0LL,0AM,0BF,
OR-D ( 50, 14) - 3CL,7CN,7CO,7CP,7CQ,7BS,3FH,3BZ,3BP,3BL,3BM,3BI,3BD,3BE,0BF,
OR-D ( 50, 15) - 0AY,0BC,0BD,0BE,0BF,
OR-D ( 50, 16) - 5AE,5AF,5AH,5AI,5FI,5AO,0AV,0BD,0BE,0BF,
OR-D ( 50, 17) - 5PP,5QQ,5RR,5EZ,5XX,5YY,0AJ,0AN,0AV,0BD,0BE,0BF,
OR-D ( 50, 18) - 0DW,0DP,0DQ,0DR,0DS,0DT,0CR,0BS,0BF,
OR-D ( 50, 19) - 5CZ,0CV,0CN,0CO,0CP,0CQ,0BS,0BF,
OR-D ( 50, 20) - 0CU,0CI,0BZ,0BV,0BW,0BR,0BQ,0BI,0BD,0BE,0BF,
OR-D ( 50, 21) - NO ,
OR-D ( 50, 22) - NO ,
OR-D ( 50, 23) - 0 L,0 M,0 N,0 S,0LL,0AM,0BF,
OR-D ( 50, 24) - 0 K,0 M,0 N,0 S,0LL,0AM,0BF,
OR-D ( 50, 25) - 5 M,5 N,5 S,5 V,5AA,5BB,0LL,0AM,0BF,
OR-D ( 50, 26) - 0AA,0BB,0LL,0AM,0BF,
OR-D ( 50, 27) - 0LL,0AM,0BF,
OR-D ( 50, 28) - 5EX,5EY,5FF,0NN,0SS,0YY,0ZZ,0AM,0BF,
OR-D ( 50, 29) - 0NN,0SS,0YY,0ZZ,0AM,0BF,
OR-D ( 50, 30) - 5SS,0YY,0ZZ,0AM,0BF,
OR-D ( 50, 31) - 5RR,0ZZ,0AM,0BF,
OR-D ( 50, 32) - 0AE,0AF,0AH,0AI,0AN,0AV,0BD,0BE,0BF,
OR-D ( 50, 33) - 0AI,0AN,0AV,0BD,0BE,0BF,
OR-D ( 50, 34) - 0AK,0AN,0AV,0BD,0BE,0BF,
OR-D ( 50, 35) - 0AY,0BC,0BD,0BE,0BF,
OR-D ( 50, 36) - 0BC,0BD,0BE,0BF,
OR-D ( 50, 37) - 0BE,0BF,
OR-D ( 50, 38) - 5BP,0BL,0BM,0BI,0BD,0BE,0BF,
OR-D ( 50, 39) - 5BW,5BQ,5BR,5BM,0BI,0BD,0BE,0BF,
OR-D ( 50, 40) - 0BQ,0BI,0BD,0BE,0BF,
OR-D ( 50, 41) - 5CH,0FH,0BZ,0BP,0BL,0BM,0BI,0BD,0BE,0BF,
OR-D ( 50, 42) - 5CI,0CO,0CP,0CQ,0BS,
OR-D ( 50, 43) - 0CQ,0BS,0BF,
OR-D ( 50, 44) - NO ,
OR-D ( 50, 45) - NO ,
OR-D ( 50, 46) - NO ,
OR-D ( 50, 47) - 0DT,0CR,0BS,0BF,
OR-D ( 50, 48) - 0DU,0CR,0BS,0BF,
OR-D ( 50, 49) - 0BX,0BR,0BQ,0BI,0BD,0BE,0BF,
OR-D ( 50, 50) - NO ,
OR-D ( 50, 51) - 0BF,0AM,
OR-D ( 50, 52) - 0BE,0AM,0LL,0 S,
OR-D ( 50, 53) - 0BF,0BE,0BD,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 50, 54) - 0BF,0AM,0LL,0 S,0 N,0 P,
OR-D ( 50, 55) - 0BF,0AM,0LL,0 S,0 Q,
OR-D ( 50, 56) - 0BF,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 50, 57) - NO ,
OR-D ( 50, 58) - 0BF,0BE,0BD,0AV,0AN,0AK,0AL,0EM,0EN,0ER,0ES,0EU,

                                                ZON #  51

OR-D ( 51, 1) -  5 B,5 E,5 H,5 I,0 V,0AA,0BB,0LL,
```

```
OR-D ( 51, 2) -  0 Z,0DD,000,0TT,0EZ,0XX,0YY,0ZZ,
OR-D ( 51, 3) -  5EV,5GG,000,0TT,0EZ,0XX,0YY,0ZZ,
OR-D ( 51, 4) -  5UU,5EZ,5WW,0XX,0YY,0ZZ,
OR-D ( 51, 5) -  0AC,0AE,0AF,5AH,5AI,5AJ,5AG,5YY,0ZZ,
OR-D ( 51, 6) -  0AW,0AX,5AY,5BC,5AV,5AN,5AJ,5FG,5AT,5AU,5AP,5AG,5YY,0ZZ,
OR-D ( 51, 7) -  5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D ( 51, 8) -  5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D ( 51, 9) -  4CM,4CN,4CO,4CP,4CQ,4BS,4AM,3CJ,3CH,3CF,6FH,6BZ,6BP,6AZ,6AU,6A
P,6AG,6YY,6ZZ,
OR-D ( 51, 10) - NO ,
OR-D ( 51, 11) - NO ,
OR-D ( 51, 12) - 5 G,0 W,0 X,0 T,0AA,0BB,0LL,
OR-D ( 51, 13) - 0 E,0 H,0 V,0AA,0BB,0LL,
OR-D ( 51, 14) - NO ,
OR-D ( 51, 15) - 0AY,0BC,0BD,0BE,0AM,
OR-D ( 51, 16) - 5FI,5AP,5AE,5AF,0AG,0YY,0ZZ,
OR-D ( 51, 17) - 5PP,5QQ,5RR,5EZ,5XX,5YY,0ZZ,
OR-D ( 51, 18) - NO ,
OR-D ( 51, 19) - NO ,
OR-D ( 51, 20) - NO ,
OR-D ( 51, 21) - 0 T,0AA,0BB,0LL,
OR-D ( 51, 22) - 0 C,0 E,0 K,0 M,0 N,0 S,0LL,
OR-D ( 51, 23) - 0 L,0 M,0 N,0 S,0LL,
OR-D ( 51, 24) - 0 K,0 M,0 N,0 S,0LL,
OR-D ( 51, 25) - 5 M,5 N,5 S,5 V,5AA,5BB,0LL,
OR-D ( 51, 26) - 0AA,0BB,0LL,
OR-D ( 51, 27) - 0LL,
OR-D ( 51, 28) - 5EX,5EY,5FF,0NN,0SS,0YY,0ZZ,
OR-D ( 51, 29) - 0NN,0SS,0YY,0ZZ,
OR-D ( 51, 30) - 5SS,0YY,0ZZ,
OR-D ( 51, 31) - 5RR,0ZZ,
OR-D ( 51, 32) - 0AE,0AF,5AH,5AJ,5AG,5YY,5AI,0ZZ,
OR-D ( 51, 33) - 0AI,0AJ,0ZZ,
OR-D ( 51, 34) - 0AK,0AJ,0ZZ,
OR-D ( 51, 35) - 0AY,0BC,0BD,0BE,0AM,
OR-D ( 51, 36) - 0BC,0BD,0BE,0AM,
OR-D ( 51, 37) - 0BE,0AM,
OR-D ( 51, 38) - 5BP,0BL,0BM,0BI,0BD,0BE,0AM,
OR-D ( 51, 39) - 5BV,5BP,5BL,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D ( 51, 40) - 0BQ,0BI,0BD,0BE,0AM,
OR-D ( 51, 41) - 5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0YY,0ZZ,
OR-D ( 51, 42) - 5CI,0CO,0CP,0CQ,0BS,0AM,
OR-D ( 51, 43) - 0CQ,0BS,0AM,
OR-D ( 51, 44) - NO ,
OR-D ( 51, 45) - NO ,
OR-D ( 51, 46) - NO ,
OR-D ( 51, 47) - NO ,
OR-D ( 51, 48) - 0DU,0CR,0BS,0AM,
OR-D ( 51, 49) - 0BX,0BR,0BQ,0BI,0BD,0BE,0AM,
OR-D ( 51, 50) - 0BF,0AM,
OR-D ( 51, 51) - NO ,
OR-D ( 51, 52) - 0LL,0 S,
OR-D ( 51, 53) - 0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 51, 54) - 0LL,0 S,0 N,0 P,
OR-D ( 51, 55) - 0LL,0 S,0 Q,
OR-D ( 51, 56) - 0LL,0CC,0JJ,0KK,
OR-D ( 51, 57) - NO ,
OR-D ( 51, 58) - 0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
```

ZON # 52

```
OR-D ( 52, 1) -  5 G,5 F,5 B,5 E,0 K,0 M,0 N,
OR-D ( 52, 2) -  0 Y,0 T,0AA,0BB,0 S,
OR-D ( 52, 3) -  5 T,5AA,5EE,5FF,5EY,5HH,0BB,0 S,
OR-D ( 52, 4) -  5UU,5EZ,5WW,0XX,0YY,0ZZ,0LL,0 S,
OR-D ( 52, 5) -  NO ,
OR-D ( 52, 6) -  NO ,
OR-D ( 52, 7) -  NO ,
OR-D ( 52, 8) -  NO ,
OR-D ( 52, 9) -  4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0YY,0ZZ,0L
L,0 S,
OR-D ( 52, 10) - NO ,
OR-D ( 52, 11) - NO ,
OR-D ( 52, 12) - 5 G,0 F,0 K,0 M,
OR-D ( 52, 13) - 0 E,0 K,0 M,0 N,
OR-D ( 52, 14) - NO ,
OR-D ( 52, 15) - NO ,
OR-D ( 52, 16) - NO ,
OR-D ( 52, 17) - 5TT,0PP,0NN,0EY,0HH,0BB,0 S,
OR-D ( 52, 18) - NO ,
OR-D ( 52, 19) - NO ,
OR-D ( 52, 20) - NO ,
OR-D ( 52, 21) - 0 T,0AA,0 U,0 R,0 N,
OR-D ( 52, 22) - 0 C,0 E,0 K,0 M,0 N,
OR-D ( 52, 23) - 0 L,0 M,0 N,
OR-D ( 52, 24) - 0 K,0 M,0 N,
OR-D ( 52, 25) - 5 J,5 R,5 M,0 N,
OR-D ( 52, 26) - 0AA,0BB,0 S,
OR-D ( 52, 27) - 0 S,
OR-D ( 52, 28) - 5FF,5EY,5EX,0HH,0BB,0 S,
OR-D ( 52, 29) - 0EY,0HH,0BB,0 S,
OR-D ( 52, 30) - 5SS,0NN,0EY,0HH,0BB,0 S,
OR-D ( 52, 31) - 5RR,0ZZ,0LL,0 S,
OR-D ( 52, 32) - 0AE,0AF,0AG,0SS,0NN,0EY,0HH,5BB,5 S,5 U,5 R,5 N,
OR-D ( 52, 33) - 0AI,0AJ,0ZZ,0LL,0 S,
OR-D ( 52, 34) - 0AK,0AJ,0ZZ,0LL,0 S,
OR-D ( 52, 35) - NO ,
OR-D ( 52, 36) - NO ,
OR-D ( 52, 37) - NO ,
OR-D ( 52, 38) - NO ,
OR-D ( 52, 39) - NO ,
OR-D ( 52, 40) - NO ,
OR-D ( 52, 41) - NO ,
OR-D ( 52, 42) - NO ,
OR-D ( 52, 43) - NO ,
OR-D ( 52, 44) - NO ,
OR-D ( 52, 45) - NO ,
OR-D ( 52, 46) - NO ,
OR-D ( 52, 47) - NO ,
OR-D ( 52, 48) - NO ,
OR-D ( 52, 49) - NO ,
OR-D ( 52, 50) - 0BE,0AM,0LL,0 S,
OR-D ( 52, 51) - 0LL,0 S,
OR-D ( 52, 52) - NO ,
OR-D ( 52, 53) - 0 S,0LL,0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 52, 54) - 0 N,0 P,
OR-D ( 52, 55) - 0 Q,
OR-D ( 52, 56) - 0 S,0CC,0JJ,0KK,
OR-D ( 52, 57) - NO ,
OR-D ( 52, 58) - 0 S,0LL,0ZZ,0AK,0AL,0AJ,0EM,0EN,0ER,0ES,0EU,
```

```
OR-D ( 53, 1) -  NO ,
OR-D ( 53, 2) -  NO ,
OR-D ( 53, 3) -  NO ,
OR-D ( 53, 4) -  NO ,
OR-D ( 53, 5) -  NO ,
OR-D ( 53, 6) -  NO ,
OR-D ( 53, 7) -  NO ,
OR-D ( 53, 8) -  NO ,
OR-D ( 53, 9) -  NO ,
OR-D ( 53, 10) - NO ,
OR-D ( 53, 11) - NO ,
OR-D ( 53, 12) - NO ,
OR-D ( 53, 13) - NO ,
OR-D ( 53, 14) - NO ,
OR-D ( 53, 15) - NO ,
OR-D ( 53, 16) - 5AQ,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 17) - NO ,
OR-D ( 53, 18) - NO ,
OR-D ( 53, 19) - NO ,
OR-D ( 53, 20) - NO ,
OR-D ( 53, 21) - NO ,
OR-D ( 53, 22) - NO ,
OR-D ( 53, 23) - NO ,
OR-D ( 53, 24) - NO ,
OR-D ( 53, 25) - NO ,
OR-D ( 53, 26) - NO ,
OR-D ( 53, 27) - 0LL,0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 28) - 5EX,5EY,5FF,0NN,0SS,0AG,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 29) - 0NN,0SS,0AG,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 30) - 5QQ,5RR,5YY,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 31) - 5RR,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 32) - 0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 33) - 0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 34) - 0AL,0EM,0EN,0ER,
OR-D ( 53, 35) - 0AY,0BC,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 36) - 0BC,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 37) - 0BD,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 38) - 5BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 39) - 5BM,5BI,5AV,5AN,5BV,5BP,5AZ,5AU,5AP,5AH,5AI,0AK,0AL,0EM,0EN,0E
R,
OR-D ( 53, 40) - 0BQ,0BI,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 41) - 5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 42) - 5CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 43) - 0CQ,0BS,0AM,0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 44) - 5DH,5DG,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,
OR-D ( 53, 45) - 5DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 46) - 0DR,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,
OR-D ( 53, 47) - 0DS,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,
OR-D ( 53, 48) - 0DU,0CR,0BS,0BE,0BD,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 49) - 0BX,0BR,0BQ,0BI,0AN,0AV,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 50) - 0BF,0BE,0BD,0AV,0AN,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 51) - 0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 52) - 0 S,0LL,0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,
OR-D ( 53, 53) - NO ,
```

OR-D (53, 54) - NO ,
OR-D (53, 55) - NO ,
OR-D (53, 56) - NO ,
OR-D (53, 57) - OER,OEP,OEQ,
OR-D (53, 58) - OES,OEU,

ZON # 54

OR-D (54, 1) - 5 G,5 F,5 B,5 E,0 K,0 M,0 P,
OR-D (54, 2) - 0 Y,0 T,OAA,0 U,0 R,0 P,
OR-D (54, 3) - 5 T,5AA,5EE,5FF,5EY,5HH,0 U,0 R,0 P,
OR-D (54, 4) - 5UU,5TT,5PP,5WW,5XX,5SS,ONN,OEY,OHH,0 U,0 P,0 R,
OR-D (54, 5) - OAC,OAE,OAF,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 6) - OAW,OAX,OFG,OAT,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 7) - 5BT,5BU,5BP,5BJ,5BK,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 8) - 5BU,5BP,5BK,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 9) - 4CM,4CN,4CI,3CJ,3CH,3CF,6FH,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 10) - 5DJ,5DK,5CZ,5CX,ODE,OCU,OCI,OBZ,OBP,OAZ,OAG,OAU,OAP,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 11) - 5EG,5EF,ODV,ODW,ODX,ODY,ODS,ODT,OCR,OBS,OAM,OLL,0 S,0 N,0 P,
OR-D (54, 12) - 5 G,5 I,5 J,5 R,5 F,5 K,5 M,0 P,
OR-D (54, 13) - 0 E,0 K,0 M,0 P,
OR-D (54, 14) - 4CN,4CI,3CH,6FH,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 15) - OFG,OAT,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 16) - 5FI,5AP,5AE,5AF,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 17) - 5TT,OPP,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 18) - NO ,
OR-D (54, 19) - NO ,
OR-D (54, 20) - NO ,
OR-D (54, 21) - 0 T,OAA,0 U,0 R,0 P,
OR-D (54, 22) - 0 C,0 E,0 K,0 M,0 P,
OR-D (54, 23) - 0 L,0 M,0 P,
OR-D (54, 24) - 0 K,0 M,0 P,
OR-D (54, 25) - 5 J,5 R,5 M,0 P,
OR-D (54, 26) - OAA,0 U,0 R,0 P,
OR-D (54, 27) - 0 S,0 N,0 P,
OR-D (54, 28) - 5FF,5EY,5EX,OHH,0 U,0 R,0 P,
OR-D (54, 29) - OEY,OHH,0 U,0 R,0 P,
OR-D (54, 30) - 5SS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 31) - 5YY,5SS,5QQ,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 32) - OAE,OAF,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 33) - OAH,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 34) - OAK,OAI,OAH,OAG,OSS,ONN,OHH,0 U,0 R,0 P,OEY,
OR-D (54, 35) - OFG,OAT,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 36) - OAY,OFG,OAT,OAG,OAU,OAP,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 37) - OBE,OAM,OLL,0 S,0 N,0 P,
OR-D (54, 38) - 5BP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 39) - 5BV,5BP,5BL,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 40) - OBQ,OBM,OBL,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 41) - 5CH,OFH,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 42) - 5CI,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 43) - OCQ,OBS,OAM,OLL,0 S,0 N,0 P,
OR-D (54, 44) - 5DH,5DG,5DE,OCU,OCI,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 45) - 5DG,OCU,OCI,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 46) - ODR,ODN,ODG,OCU,OCI,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0

U,0 R,0 P,
OR-D (54, 47) - ODS,ODN,ODG,OCU,OCI,OBZ,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0
U,0 R,0 P,
OR-D (54, 48) - ODU,OCR,OBS,OAM,OLL,0 S,0 N,0 P,
OR-D (54, 49) - OBX,OBW,OBV,OBP,OAZ,OAU,OAP,OAG,OSS,ONN,OEY,OHH,0 U,0 R,0 P,
OR-D (54, 50) - OBF,OAM,OLL,0 S,0 N,0 P,
OR-D (54, 51) - OLL,0 S,0 N,0 P,
OR-D (54, 52) - 0 N,0 P,
OR-D (54, 53) - NO ,
OR-D (54, 54) - NO ,
OR-D (54, 55) - NO ,
OR-D (54, 56) - NO ,
OR-D (54, 57) - NO ,
OR-D (54, 58) - NO ,

ZON # 55

OR-D (55, 1) - 5 G,5 F,5 B,5 E,0 K,0 M,0 N,0 Q,
OR-D (55, 2) - 0 Y,0 T,0AA,0BB,0 S,0 Q,
OR-D (55, 3) - 5 T,5AA,5EE,5FF,5EY,5HH,0BB,0 S,0 Q,
OR-D (55, 4) - 5UU,5EZ,5WW,0XX,0YY,0ZZ,0LL,0 S,0 Q,
OR-D (55, 5) - 0AC,0AE,0AF,0AG,0YY,0ZZ,0LL,0 S,0 Q,
OR-D (55, 6) - 0AW,0AX,0AY,0BC,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 7) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,0LL,0 S,0 Q,
OR-D (55, 8) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0YY,0ZZ,0LL,0 S,0 Q,
OR-D (55, 9) - 3CF,3CH,3CJ,6CL,4CM,0CN,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 10) - 5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 11) - 5EG,5EH,5EI,5EJ,5DV,5DW,0DP,0DQ,0DR,0DS,0DT,0CR,0BS,0AM,0LL,0
S,0 Q,
OR-D (55, 12) - 5 G,0 F,0 K,0 M,0 N,0 Q,
OR-D (55, 13) - 0 E,0 K,0 M,0 N,0 Q,
OR-D (55, 14) - 3CL,7CN,7CO,7CP,7CQ,7BS,7AM,3FH,3BZ,3BP,3AZ,3AU,3AP,3AG,3YY,3Z
Z,0LL,0 S,0 Q,
OR-D (55, 15) - 0AY,0BC,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 16) - 5FI,5AP,5AE,5AF,0AG,0YY,0ZZ,0LL,0 S,0 Q,
OR-D (55, 17) - 5TT,0PP,0NN,0EY,0HH,0BB,0 S,0 Q,
OR-D (55, 18) - NO ,
OR-D (55, 19) - NO ,
OR-D (55, 20) - NO ,
OR-D (55, 21) - 0 T,0AA,0 U,0 R,0 N,0 Q,
OR-D (55, 22) - 0 C,0 E,0 K,0 M,0 N,0 Q,
OR-D (55, 23) - 0 L,0 M,0 N,0 Q,
OR-D (55, 24) - 0 K,0 M,0 N,0 Q,
OR-D (55, 25) - 5 J,5 R,5 M,0 N,0 Q,
OR-D (55, 26) - 0AA,0BB,0 S,0 Q,
OR-D (55, 27) - 0 S,0 Q,
OR-D (55, 28) - 5FF,5EY,5EX,0HH,0BB,0 S,0 Q,
OR-D (55, 29) - 0EY,0HH,0BB,0 S,0 Q,
OR-D (55, 30) - 5SS,0NN,0EY,0HH,0BB,0 S,0 Q,
OR-D (55, 31) - 5RR,0ZZ,0LL,0 S,0 Q,
OR-D (55, 32) - 0AE,0AF,0AG,0SS,0NN,0EY,0HH,0BB,0 S,0 Q,
OR-D (55, 33) - 0AI,0AJ,0ZZ,0LL,0 S,0 Q,
OR-D (55, 34) - 0AK,0AJ,0ZZ,0LL,0 S,0 Q,
OR-D (55, 35) - 0AY,0BC,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 36) - 0BC,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 37) - 0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 38) - 5BP,0BL,0BM,0BI,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 39) - 5BW,5BQ,5BR,5BM,0BI,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 40) - 0BQ,0BI,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 41) - 5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0YY,0ZZ,0LL,0 S,0 Q,

OR-D (55, 42) - 5CI,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 43) - 0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 44) - 5CZ,0CV,0CN,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 45) - 5DG,0CU,0CO,0CP,0CQ,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 46) - 0DR,0DS,0DT,0CR,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 47) - 0DT,0CR,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 48) - 0DU,0CR,0BS,0AM,0LL,0 S,0 Q,
OR-D (55, 49) - 0BX,0BR,0BQ,0BI,0BD,0BE,0AM,0LL,0 S,0 Q,
OR-D (55, 50) - 0BF,0AM,0LL,0 S,0 Q,
OR-D (55, 51) - 0LL,0 S,0 Q,
OR-D (55, 52) - 0 Q,
OR-D (55, 53) - NO ,
OR-D (55, 54) - NO ,
OR-D (55, 55) - NO ,
OR-D (55, 56) - NO ,
OR-D (55, 57) - NO ,
OR-D (55, 58) - NO ,

ZON # 56

OR-D (56, 1) - 5 B,5 E,5 H,5 I,0 V,0AA,0BB,0CC,0JJ,0KK,
OR-D (56, 2) - 0 Y,0 T,0AA,0BB,0CC,0JJ,0KK,
OR-D (56, 3) - 5 T,5AA,5BB,5CC,5EE,5FF,5MM,5II,0JJ,0KK,
OR-D (56, 4) - 5UU,5TT,5PP,5WW,5XX,5SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 5) - 0AC,0AE,0AF,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 6) - 0AW,0AX,0FG,0AT,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 7) - 5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 8) - 5BU,5BP,5BK,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 9) - 4CM,4CN,4CI,3CJ,3CH,3CF,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0M
M,0II,0JJ,0KK,
OR-D (56, 10) - 5DJ,5DK,5DH,5DG,5CX,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0N
N,0MM,0II,0JJ,0KK,
OR-D (56, 11) - 5EG,5EF,0DV,0DW,0DX,0DY,0DS,0DT,0CR,0BS,0AM,0LL,0CC,0JJ,0KK,
OR-D (56, 12) - 5 G,0 F,0 K,0 M,0 N,0 O,0KK,
OR-D (56, 13) - 0 E,0 K,0 M,0 N,0 O,0KK,
OR-D (56, 14) - 4CN,4CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0K
K,
OR-D (56, 15) - 0FG,0AT,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 16) - 5FI,5AP,5AE,5AF,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 17) - 5TT,0PP,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 18) - NO ,
OR-D (56, 19) - NO ,
OR-D (56, 20) - NO ,
OR-D (56, 21) - 0 T,0AA,0BB,0CC,0JJ,0KK,
OR-D (56, 22) - 0 C,0 E,0 K,0 M,0 N,0 O,0KK,
OR-D (56, 23) - 0 L,0 M,0 N,0 O,0KK,
OR-D (56, 24) - 0 K,0 M,0 N,0 O,0KK,
OR-D (56, 25) - 5 J,5 R,5 M,0 N,0 O,0KK,
OR-D (56, 26) - 0AA,0BB,0CC,0JJ,0KK,
OR-D (56, 27) - 0CC,0JJ,0KK,
OR-D (56, 28) - 5EX,5EY,5FF,0MM,0II,0JJ,0KK,
OR-D (56, 29) - 0MM,0II,0JJ,0KK,
OR-D (56, 30) - 5SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 31) - 5RR,0QQ,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 32) - 0AE,0AF,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 33) - 0AH,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 34) - 0AK,0AJ,0ZZ,0LL,0CC,0JJ,0KK,
OR-D (56, 35) - 0FG,0AT,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 36) - 0AY,0FG,0AT,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D (56, 37) - 0BE,0AM,0LL,0CC,0JJ,0KK,

```
OR-D ( 56,-38) -  5BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 56, 39) -  5BV,5BP,5BL,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 56, 40) -  0BQ,0BI,0BD,0BE,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 56, 41) -  5CH,0FH,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 56, 42) -  5CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 56, 43) -  0CQ,0BS,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 56, 44) -  5DH,5DG,5DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0J
J,0KK,
OR-D ( 56, 45) -  5DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 56, 46) -  0DR,0DN,0DG,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0J
J,0KK,
OR-D ( 56, 47) -  0DT,0CR,0BS,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 56, 48) -  0DU,0CR,0BS,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 56, 49) -  0BX,0BW,0BV,0BP,0AZ,0AU,0AP,0AG,0SS,0NN,0MM,0II,0JJ,0KK,
OR-D ( 56, 50) -  0BF,0AM,0LL,0CC,0JJ,0KK,
OR-D ( 56, 51) -  0LL,0CC,0JJ,0KK,
OR-D ( 56, 52) -  0 S,0CC,0JJ,0KK,
OR-D ( 56, 53) -  NO ,
OR-D ( 56, 54) -  NO ,
OR-D ( 56, 55) -  NO ,
OR-D ( 56, 56) -  NO ,
OR-D ( 56, 57) -  NO ,
OR-D ( 56, 58) -  NO ,
```

ZON # 57

```
OR-D ( 57, 1) -   NO ,
OR-D ( 57, 2) -   NO ,
OR-D ( 57, 3) -   NO ,
OR-D ( 57, 4) -   NO ,
OR-D ( 57, 5) -   NO ,
OR-D ( 57, 6) -   NO ,
OR-D ( 57, 7) -   NO ,
OR-D ( 57, 8) -   NO ,
OR-D ( 57, 9) -   NO ,
OR-D ( 57, 10) -  NO ,
OR-D ( 57, 11) -  0 A,
OR-D ( 57, 12) -  NO ,
OR-D ( 57, 13) -  NO ,
OR-D ( 57, 14) -  NO ,
OR-D ( 57, 15) -  NO ,
OR-D ( 57, 16) -  NO ,
OR-D ( 57, 17) -  NO ,
OR-D ( 57, 18) -  NO ,
OR-D ( 57, 19) -  NO ,
OR-D ( 57, 20) -  NO ,
OR-D ( 57, 21) -  NO ,
OR-D ( 57, 22) -  NO ,
OR-D ( 57, 23) -  NO ,
OR-D ( 57, 24) -  NO ,
OR-D ( 57, 25) -  NO ,
OR-D ( 57, 26) -  NO ,
OR-D ( 57, 27) -  NO ,
OR-D ( 57, 28) -  NO ,
OR-D ( 57, 29) -  NO ,
OR-D ( 57, 30) -  NO ,
OR-D ( 57, 31) -  NO ,
OR-D ( 57, 32) -  NO ,
OR-D ( 57, 33) -  NO ,
OR-D ( 57, 34) -  NO ,
```

```
OR-D ( 57, 35) -  NO ,
OR-D ( 57, 36) -  NO ,
OR-D ( 57, 37) -  NO ,
OR-D ( 57, 38) -  NO ,
OR-D ( 57, 39) -  NO ,
OR-D ( 57, 40) -  NO ,
OR-D ( 57, 41) -  NO ,
OR-D ( 57, 42) -  NO ,
OR-D ( 57, 43) -  NO ,
OR-D ( 57, 44) -  NO ,
OR-D ( 57, 45) -  NO ,
OR-D ( 57, 46) -  NO ,
OR-D ( 57, 47) -  NO ,
OR-D ( 57, 48) -  NO ,
OR-D ( 57, 49) -  NO ,
OR-D ( 57, 50) -  NO ,
OR-D ( 57, 51) -  NO ,
OR-D ( 57, 52) -  NO ,
OR-D ( 57, 53) -  OER,OEP,OEQ,
OR-D ( 57, 54) -  NO ,
OR-D ( 57, 55) -  NO ,
OR-D ( 57, 56) -  NO ,
OR-D ( 57, 57) -  NO ,
OR-D ( 57, 58) -  NO ,
```

ZON # 58

```
OR-D ( 58, 1) -   NO ,
OR-D ( 58, 2) -   0 Z,0DD,0EE,0FF,0NN,0SS,0AG,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0E
U,
OR-D ( 58, 3) -   5GG,5EV,000,0TT,0EZ,0AD,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0E
S,0EU,
OR-D ( 58, 4) -   5UU,5EZ,5WW,0AD,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 5) -   0AC,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 6) -   0AW,0AX,0AY,0BC,0AV,0AN,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 7) -   5BT,5BU,5BP,5BJ,5BK,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0E
S,0EU,
OR-D ( 58, 8) -   5BU,5BP,5BK,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 9) -   4CM,4CL,3CJ,7CH,3CF,0FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0E
M,0EN,0ER,0ES,0EU,
OR-D ( 58, 10) -  5CY,0CX,0DE,0CU,0CI,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0E
N,0ER,0ES,0EU,
OR-D ( 58, 11) -  NO ,
OR-D ( 58, 12) -  0EL,
OR-D ( 58, 13) -  0EL,
OR-D ( 58, 14) -  4CN,4CI,3CH,6FH,0BZ,0BP,0AZ,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0E
R,0ES,0EU,
OR-D ( 58, 15) -  0FG,0AT,0AU,0AP,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 16) -  5AQ,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 17) -  5TT,0EZ,0AD,0AE,0AF,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 18) -  NO ,
OR-D ( 58, 19) -  NO ,
OR-D ( 58, 20) -  NO ,
OR-D ( 58, 21) -  NO ,
OR-D ( 58, 22) -  NO ,
OR-D ( 58, 23) -  NO ,
OR-D ( 58, 24) -  NO ,
OR-D ( 58, 25) -  NO ,
OR-D ( 58, 26) -  0AA,0HH,0EY,0NN,0SS,0AG,0AH,0AI,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
OR-D ( 58, 27) -  0LL,0ZZ,0AJ,0AK,0AL,0EM,0EN,0ER,0ES,0EU,
```

```
OR-D ( 58, 28) -  5EX,5EY,5EX,ONN,OSS,OAG,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 29) -  ONN,OSS,OAG,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 30) -  5QQ,5RR,5YY,OAJ,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 31) -  5RR,OAJ,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 32) -  OAE,OAF,OAI,OAH,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 33) -  OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 34) -  OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 35) -  OAY,OBC,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 36) -  OBC,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 37) -  OBD,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 38) -  5BP,OAZ,OAU,OAP,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 39) -  5BM,5BI,5AV,5AN,5BV,5BP,5AZ,5AU,5AP,5AH,5AI,OAK,OAL,OEM,OEN,OE
R,OES,OEU,
OR-D ( 58, 40) -  OBQ,OBI,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 41) -  5CH,OFH,OBZ,OBP,OAZ,OAU,OAP,OAH,OAI,OAK,OAL,OEM,OEN,OER,OES,OE
U,
OR-D ( 58, 42) -  5CI,OBZ,OBP,OAZ,OAU,OAP,OAH,OAI,OAL,OEM,OEN,OER,OES,OEU,OAK,
OR-D ( 58, 43) -  OCQ,OBS,OAM,OZZ,OAJ,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 44) -  5DH,5DG,5DE,OCU,OCI,OBZ,OBP,OAZ,OAU,OAP,OAH,OAI,OAK,OAL,OEM,OE
N,OER,OES,OEU,
OR-D ( 58, 45) -  5DG,OCU,OCI,OBZ,OBP,OAZ,OAU,OAP,OAH,OAI,OAK,OAL,OEM,OEN,OER,OE
S,OEU,
OR-D ( 58, 46) -  ODR,ODN,ODG,OCU,OCI,OBZ,OBP,OAZ,OAU,OAP,OAH,OAI,OAK,OAL,OEM,OE
N,OER,OES,OEU,
OR-D ( 58, 47) -  NO ,
OR-D ( 58, 48) -  ODU,OCR,OBS,OBE,OBD,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 49) -  OBX,OBR,OBQ,OBI,OAN,OAV,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 50) -  OBF,OBE,OBD,OAV,OAN,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 51) -  OZZ,OAJ,OAK,OAL,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 52) -  O S,OLL,OZZ,OAK,OAL,OAJ,OEM,OEN,OER,OES,OEU,
OR-D ( 58, 53) -  OES,OEU,
OR-D ( 58, 54) -  NO ,
OR-D ( 58, 55) -  NO ,
OR-D ( 58, 56) -  NO ,
OR-D ( 58, 57) -  NO ,
OR-D ( 58, 58) -  NO ,
```

ANNEX G

Evacuating Vehicle Trip Assignments by Link by Storm Scenario

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

INDIAN RIVER COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTIALH, FTIALF, FTIALP, FTIALO

PATH TABLE = IND - INDIAN RIVER COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME= 55,329	CAPACITY= 3,570	V/C= %15.498
LINK B :	VOLUME= 54,010	CAPACITY= 3,570	V/C= %15.129
LINK C :	VOLUME= 50,251	CAPACITY= 3,570	V/C= %14.076
LINK D :	VOLUME= 0	CAPACITY= 2,250	V/C= 0.000
LINK E :	VOLUME= 122	CAPACITY= 1,050	V/C= 0.116
LINK F :	VOLUME= 1,771	CAPACITY= 1,050	V/C= 1.686
LINK G :	VOLUME= 1,867	CAPACITY= 1,050	V/C= 1.778
LINK H :	VOLUME= 1,509	CAPACITY= 1,050	V/C= 1.437
LINK I :	VOLUME= 1,622	CAPACITY= 1,050	V/C= 1.545
LINK J :	VOLUME= 594	CAPACITY= 690	V/C= 0.861
LINK K :	VOLUME= 502	CAPACITY= 690	V/C= 0.728
LINK L :	VOLUME= 6,296	CAPACITY= 1,520	V/C= 4.142
LINK M :	VOLUME= 5,740	CAPACITY= 2,330	V/C= 2.464
LINK N :	VOLUME= 4,982	CAPACITY= 2,330	V/C= 2.138
LINK O :	VOLUME= 9,050	CAPACITY= 2,830	V/C= 3.198
LINK P :	VOLUME= 2,615	CAPACITY= 1,520	V/C= 1.720
LINK Q :	VOLUME= 2,662	CAPACITY= 1,770	V/C= 1.504
LINK R :	VOLUME= 2,381	CAPACITY= 1,770	V/C= 1.345
LINK S :	VOLUME= 131	CAPACITY= 2,650	V/C= 0.049
LINK T :	VOLUME= 453	CAPACITY= 830	V/C= 0.546
LINK U :	VOLUME= 578	CAPACITY= 830	V/C= 0.696
LINK V :	VOLUME= 386	CAPACITY= 1,050	V/C= 0.368
LINK W :	VOLUME= 3,207	CAPACITY= 1,050	V/C= 3.054
LINK X :	VOLUME= 2,464	CAPACITY= 1,050	V/C= 2.346
LINK Y :	VOLUME= 3,016	CAPACITY= 830	V/C= 3.634
LINK Z :	VOLUME= 499	CAPACITY= 830	V/C= 0.601
LINK AA :	VOLUME= 2,517	CAPACITY= 830	V/C= 3.033
LINK AB :	VOLUME= 3,632	CAPACITY= 830	V/C= 4.376
LINK AC :	VOLUME= 0	CAPACITY= 830	V/C= 0.000
LINK AD :	VOLUME= 2,383	CAPACITY= 830	V/C= 2.871
LINK AE :	VOLUME= 2,383	CAPACITY= 1,520	V/C= 1.568
LINK AF :	VOLUME= 3,632	CAPACITY= 1,520	V/C= 2.389
LINK AG :	VOLUME= 836	CAPACITY= 1,770	V/C= 0.472
LINK AH :	VOLUME= 518	CAPACITY= 1,770	V/C= 0.293
LINK AI :	VOLUME= 861	CAPACITY= 1,770	V/C= 0.486
LINK AJ :	VOLUME= 188	CAPACITY= 2,250	V/C= 0.084
LINK AK :	VOLUME= 102	CAPACITY= 2,250	V/C= 0.045
LINK AL :	VOLUME= 306	CAPACITY= 1,050	V/C= 0.291
LINK AM :	VOLUME= 561	CAPACITY= 1,050	V/C= 0.534
LINK AN :	VOLUME= 1,947	CAPACITY= 1,050	V/C= 1.854
LINK AO :	VOLUME= 2,966	CAPACITY= 1,050	V/C= 2.825
LINK AP :	VOLUME= 2,416	CAPACITY= 1,050	V/C= 2.301
LINK AQ :	VOLUME= 7,683	CAPACITY= 1,770	V/C= 4.341
LINK AR :	VOLUME= 57,417	CAPACITY= 3,570	V/C= %16.083
LINK AS :	VOLUME= 3,632	CAPACITY= 1,520	V/C= 2.389
LINK AT :	VOLUME= 6,213	CAPACITY= 2,330	V/C= 2.667
LINK AU :	VOLUME= 0	CAPACITY= 830	V/C= 0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

INDIAN RIVER COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTIAHH, FTIAHF, FTIAHP, FTIAHO

PATH TABLE = IND - INDIAN RIVER COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME=	65,622	CAPACITY= 3,570	V/C= %18.382
LINK B :	VOLUME=	64,070	CAPACITY= 3,570	V/C= %17.947
LINK C :	VOLUME=	59,952	CAPACITY= 3,570	V/C= %16.793
LINK D :	VOLUME=	0	CAPACITY= 2,250	V/C= 0.000
LINK E :	VOLUME=	137	CAPACITY= 1,050	V/C= 0.130
LINK F :	VOLUME=	1,951	CAPACITY= 1,050	V/C= 1.858
LINK G :	VOLUME=	1,949	CAPACITY= 1,050	V/C= 1.856
LINK H :	VOLUME=	1,581	CAPACITY= 1,050	V/C= 1.506
LINK I :	VOLUME=	1,713	CAPACITY= 1,050	V/C= 1.631
LINK J :	VOLUME=	633	CAPACITY= 690	V/C= 0.917
LINK K :	VOLUME=	524	CAPACITY= 690	V/C= 0.759
LINK L :	VOLUME=	6,816	CAPACITY= 1,520	V/C= 4.484
LINK M :	VOLUME=	6,223	CAPACITY= 2,330	V/C= 2.671
LINK N :	VOLUME=	5,398	CAPACITY= 2,330	V/C= 2.317
LINK O :	VOLUME=	9,597	CAPACITY= 2,830	V/C= 3.391
LINK P :	VOLUME=	2,770	CAPACITY= 1,520	V/C= 1.822
LINK Q :	VOLUME=	2,880	CAPACITY= 1,770	V/C= 1.627
LINK R :	VOLUME=	2,545	CAPACITY= 1,770	V/C= 1.438
LINK S :	VOLUME=	154	CAPACITY= 2,650	V/C= 0.058
LINK T :	VOLUME=	471	CAPACITY= 830	V/C= 0.567
LINK U :	VOLUME=	607	CAPACITY= 830	V/C= 0.731
LINK V :	VOLUME=	399	CAPACITY= 1,050	V/C= 0.380
LINK W :	VOLUME=	3,465	CAPACITY= 1,050	V/C= 3.300
LINK X :	VOLUME=	2,629	CAPACITY= 1,050	V/C= 2.504
LINK Y :	VOLUME=	3,292	CAPACITY= 830	V/C= 3.966
LINK Z :	VOLUME=	620	CAPACITY= 830	V/C= 0.747
LINK AA :	VOLUME=	2,672	CAPACITY= 830	V/C= 3.219
LINK AB :	VOLUME=	3,779	CAPACITY= 830	V/C= 4.553
LINK AC :	VOLUME=	0	CAPACITY= 830	V/C= 0.000
LINK AD :	VOLUME=	2,494	CAPACITY= 830	V/C= 3.005
LINK AE :	VOLUME=	2,494	CAPACITY= 1,520	V/C= 1.641
LINK AF :	VOLUME=	3,779	CAPACITY= 1,520	V/C= 2.486
LINK AG :	VOLUME=	903	CAPACITY= 1,770	V/C= 0.510
LINK AH :	VOLUME=	507	CAPACITY= 1,770	V/C= 0.286
LINK AI :	VOLUME=	869	CAPACITY= 1,770	V/C= 0.491
LINK AJ :	VOLUME=	200	CAPACITY= 2,250	V/C= 0.089
LINK AK :	VOLUME=	119	CAPACITY= 2,250	V/C= 0.053
LINK AL :	VOLUME=	347	CAPACITY= 1,050	V/C= 0.330
LINK AM :	VOLUME=	627	CAPACITY= 1,050	V/C= 0.597
LINK AN :	VOLUME=	2,184	CAPACITY= 1,050	V/C= 2.080
LINK AO :	VOLUME=	3,218	CAPACITY= 1,050	V/C= 3.065
LINK AP :	VOLUME=	2,660	CAPACITY= 1,050	V/C= 2.533
LINK AQ :	VOLUME=	8,348	CAPACITY= 1,770	V/C= 4.716
LINK AR :	VOLUME=	73,800	CAPACITY= 3,570	V/C= %20.672
LINK AS :	VOLUME=	3,779	CAPACITY= 1,520	V/C= 2.486
LINK AT :	VOLUME=	6,504	CAPACITY= 2,330	V/C= 2.791
LINK AU :	VOLUME=	0	CAPACITY= 830	V/C= 0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

INDIAN RIVER COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTIBLH, FTIBLF, FTIBLP, FTIBLO

PATH TABLE = IND - INDIAN RIVER COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME=	102,240	CAPACITY= 3,570	V/C= %28.639
LINK B :	VOLUME=	99,893	CAPACITY= 3,570	V/C= %27.981

```
   LINK  C : VOLUME=  93,511 CAPACITY=   3,570 V/C= %26.194
   LINK  D : VOLUME=       0 CAPACITY=   2,250 V/C= 0.000
   LINK  E : VOLUME=     866 CAPACITY=   1,050 V/C= 0.825
   LINK  F : VOLUME=   2,335 CAPACITY=   1,050 V/C= 2.224
   LINK  G : VOLUME=   1,849 CAPACITY=   1,050 V/C= 1.761
   LINK  H : VOLUME=   1,503 CAPACITY=   1,050 V/C= 1.431
   LINK  I : VOLUME=   1,659 CAPACITY=   1,050 V/C= 1.580
   LINK  J : VOLUME=     822 CAPACITY=     690 V/C= 1.191
   LINK  K : VOLUME=     632 CAPACITY=     690 V/C= 0.915
   LINK  L : VOLUME=  10,311 CAPACITY=   1,520 V/C= 6.784
   LINK  M : VOLUME=   9,523 CAPACITY=   2,330 V/C= 4.087
   LINK  N : VOLUME=   8,753 CAPACITY=   2,330 V/C= 3.757
   LINK  O : VOLUME=  13,563 CAPACITY=   2,830 V/C= 4.793
   LINK  P : VOLUME=   3,739 CAPACITY=   1,520 V/C= 2.460
   LINK  Q : VOLUME=   5,404 CAPACITY=   1,770 V/C= 3.053
   LINK  R : VOLUME=   3,388 CAPACITY=   1,770 V/C= 1.914
   LINK  S : VOLUME=     700 CAPACITY=   2,650 V/C= 0.264
   LINK  T : VOLUME=     643 CAPACITY=     830 V/C= 0.775
   LINK  U : VOLUME=     739 CAPACITY=     830 V/C= 0.890
   LINK  V : VOLUME=     423 CAPACITY=   1,050 V/C= 0.402
   LINK  W : VOLUME=   3,633 CAPACITY=   1,050 V/C= 3.460
   LINK  X : VOLUME=   2,875 CAPACITY=   1,050 V/C= 2.738
   LINK  Y : VOLUME=   3,017 CAPACITY=     830 V/C= 3.635
   LINK  Z : VOLUME=     499 CAPACITY=     830 V/C= 0.601
   LINK AA : VOLUME=   2,518 CAPACITY=     830 V/C= 3.034
   LINK AB : VOLUME=   3,631 CAPACITY=     830 V/C= 4.375
   LINK AC : VOLUME=       0 CAPACITY=     830 V/C= 0.000
   LINK AD : VOLUME=   2,454 CAPACITY=     830 V/C= 2.957
   LINK AE : VOLUME=   2,454 CAPACITY=   1,520 V/C= 1.614
   LINK AF : VOLUME=   3,631 CAPACITY=   1,520 V/C= 2.389
   LINK AG : VOLUME=   1,343 CAPACITY=   1,770 V/C= 0.759
   LINK AH : VOLUME=     702 CAPACITY=   1,770 V/C= 0.397
   LINK AI : VOLUME=   1,018 CAPACITY=   1,770 V/C= 0.575
   LINK AJ : VOLUME=     330 CAPACITY=   2,250 V/C= 0.147
   LINK AK : VOLUME=     264 CAPACITY=   2,250 V/C= 0.117
   LINK AL : VOLUME=     519 CAPACITY=   1,050 V/C= 0.494
   LINK AM : VOLUME=   1,460 CAPACITY=   1,050 V/C= 1.390
   LINK AN : VOLUME=   2,881 CAPACITY=   1,050 V/C= 2.744
   LINK AO : VOLUME=   4,223 CAPACITY=   1,050 V/C= 4.022
   LINK AP : VOLUME=   3,740 CAPACITY=   1,050 V/C= 3.562
   LINK AQ : VOLUME=  11,639 CAPACITY=   1,770 V/C= 6.576
   LINK AR : VOLUME= 114,610 CAPACITY=   3,570 V/C= %32.104
   LINK AS : VOLUME=   3,631 CAPACITY=   1,520 V/C= 2.389
   LINK AT : VOLUME=   7,600 CAPACITY=   2,330 V/C= 3.262
   LINK AU : VOLUME=       0 CAPACITY=     830 V/C= 0.000

              ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

INDIAN RIVER COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTIBHH, FTIBHF, FTIBHP, FTIBHO

PATH TABLE = IND - INDIAN RIVER COUNTY ZONE TO ZONE PATHS

   LINK  A : VOLUME= 117,286 CAPACITY=   3,570 V/C= %32.853
   LINK  B : VOLUME= 114,703 CAPACITY=   3,570 V/C= %32.130
   LINK  C : VOLUME= 107,963 CAPACITY=   3,570 V/C= %30.242
   LINK  D : VOLUME=       0 CAPACITY=   2,250 V/C= 0.000
   LINK  E : VOLUME=     880 CAPACITY=   1,050 V/C= 0.838
   LINK  F : VOLUME=   2,517 CAPACITY=   1,050 V/C= 2.397
   LINK  G : VOLUME=   1,929 CAPACITY=   1,050 V/C= 1.837
```

```
   LINK  H : VOLUME=   1,573 CAPACITY=   1,050 V/C= 1.498
   LINK  I : VOLUME=   1,748 CAPACITY=   1,050 V/C= 1.665
   LINK  J : VOLUME=     862 CAPACITY=     690 V/C= 1.249
   LINK  K : VOLUME=     653 CAPACITY=     690 V/C= 0.946
   LINK  L : VOLUME=  10,832 CAPACITY=   1,520 V/C= 7.126
   LINK  M : VOLUME=  10,006 CAPACITY=   2,330 V/C= 4.294
   LINK  N : VOLUME=   9,170 CAPACITY=   2,330 V/C= 3.936
   LINK  O : VOLUME=  14,111 CAPACITY=   2,830 V/C= 4.986
   LINK  P : VOLUME=   3,894 CAPACITY=   1,520 V/C= 2.562
   LINK  Q : VOLUME=   5,623 CAPACITY=   1,770 V/C= 3.177
   LINK  R : VOLUME=   3,552 CAPACITY=   1,770 V/C= 2.007
   LINK  S : VOLUME=     724 CAPACITY=   2,650 V/C= 0.273
   LINK  T : VOLUME=     661 CAPACITY=     830 V/C= 0.796
   LINK  U : VOLUME=     768 CAPACITY=     830 V/C= 0.925
   LINK  V : VOLUME=     436 CAPACITY=   1,050 V/C= 0.415
   LINK  W : VOLUME=   3,890 CAPACITY=   1,050 V/C= 3.704
   LINK  X : VOLUME=   3,039 CAPACITY=   1,050 V/C= 2.894
   LINK  Y : VOLUME=   3,293 CAPACITY=     830 V/C= 3.967
   LINK  Z : VOLUME=     620 CAPACITY=     830 V/C= 0.747
   LINK AA : VOLUME=   2,673 CAPACITY=     830 V/C= 3.220
   LINK AB : VOLUME=   3,778 CAPACITY=     830 V/C= 4.552
   LINK AC : VOLUME=       0 CAPACITY=     830 V/C= 0.000
   LINK AD : VOLUME=   2,565 CAPACITY=     830 V/C= 3.090
   LINK AE : VOLUME=   2,565 CAPACITY=   1,520 V/C= 1.688
   LINK AF : VOLUME=   3,778 CAPACITY=   1,520 V/C= 2.486
   LINK AG : VOLUME=   1,411 CAPACITY=   1,770 V/C= 0.797
   LINK AH : VOLUME=     691 CAPACITY=   1,770 V/C= 0.390
   LINK AI : VOLUME=   1,025 CAPACITY=   1,770 V/C= 0.579
   LINK AJ : VOLUME=     343 CAPACITY=   2,250 V/C= 0.152
   LINK AK : VOLUME=     281 CAPACITY=   2,250 V/C= 0.125
   LINK AL : VOLUME=     560 CAPACITY=   1,050 V/C= 0.533
   LINK AM : VOLUME=   1,525 CAPACITY=   1,050 V/C= 1.452
   LINK AN : VOLUME=   3,118 CAPACITY=   1,050 V/C= 2.970
   LINK AO : VOLUME=   4,473 CAPACITY=   1,050 V/C= 4.260
   LINK AP : VOLUME=   3,982 CAPACITY=   1,050 V/C= 3.792
   LINK AQ : VOLUME=  12,302 CAPACITY=   1,770 V/C= 6.950
   LINK AR : VOLUME= 133,890 CAPACITY=   3,570 V/C= %37.504
   LINK AS : VOLUME=   3,778 CAPACITY=   1,520 V/C= 2.486
   LINK AT : VOLUME=   7,891 CAPACITY=   2,330 V/C= 3.387
   LINK AU : VOLUME=       0 CAPACITY=     830 V/C= 0.000

              ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

INDIAN RIVER COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTICLH, FTICLF, FTICLP, FTICLO

PATH TABLE = IND - INDIAN RIVER COUNTY ZONE TO ZONE PATHS

   LINK  A : VOLUME= 145,555 CAPACITY=   3,570 V/C= %40.772
   LINK  B : VOLUME= 142,779 CAPACITY=   3,570 V/C= %39.994
   LINK  C : VOLUME= 135,372 CAPACITY=   3,570 V/C= %37.919
   LINK  D : VOLUME=       0 CAPACITY=   2,250 V/C= 0.000
   LINK  E : VOLUME=     866 CAPACITY=   1,050 V/C= 0.825
   LINK  F : VOLUME=   2,645 CAPACITY=   1,050 V/C= 2.519
   LINK  G : VOLUME=   2,016 CAPACITY=   1,050 V/C= 1.920
   LINK  H : VOLUME=   1,651 CAPACITY=   1,050 V/C= 1.572
   LINK  I : VOLUME=   2,008 CAPACITY=   1,050 V/C= 1.912
   LINK  J : VOLUME=   1,605 CAPACITY=     690 V/C= 2.326
   LINK  K : VOLUME=   1,044 CAPACITY=     690 V/C= 1.512
   LINK  L : VOLUME=  11,934 CAPACITY=   1,520 V/C= 7.851
```

```
   LINK  M : VOLUME=  10,365 CAPACITY=   2,330 V/C= 4.448
   LINK  N : VOLUME=   9,395 CAPACITY=   2,330 V/C= 4.032
   LINK  O : VOLUME=  13,941 CAPACITY=   2,830 V/C= 4.926
   LINK  P : VOLUME=   3,809 CAPACITY=   1,520 V/C= 2.506
   LINK  Q : VOLUME=   5,660 CAPACITY=   1,770 V/C= 3.198
   LINK  R : VOLUME=   3,514 CAPACITY=   1,770 V/C= 1.985
   LINK  S : VOLUME=     700 CAPACITY=   2,650 V/C= 0.264
   LINK  T : VOLUME=     809 CAPACITY=     830 V/C= 0.974
   LINK  U : VOLUME=     874 CAPACITY=     830 V/C= 1.052
   LINK  V : VOLUME=     440 CAPACITY=   1,050 V/C= 0.419
   LINK  W : VOLUME=   3,694 CAPACITY=   1,050 V/C= 3.518
   LINK  X : VOLUME=   3,153 CAPACITY=   1,050 V/C= 3.003
   LINK  Y : VOLUME=   3,017 CAPACITY=     830 V/C= 3.635
   LINK  Z : VOLUME=     499 CAPACITY=     830 V/C= 0.601
   LINK AA : VOLUME=   2,518 CAPACITY=     830 V/C= 3.034
   LINK AB : VOLUME=   3,631 CAPACITY=     830 V/C= 4.375
   LINK AC : VOLUME=       0 CAPACITY=     830 V/C= 0.000
   LINK AD : VOLUME=   2,524 CAPACITY=     830 V/C= 3.041
   LINK AE : VOLUME=   2,524 CAPACITY=   1,520 V/C= 1.661
   LINK AF : VOLUME=   3,631 CAPACITY=   1,520 V/C= 2.389
   LINK AG : VOLUME=   1,341 CAPACITY=   1,770 V/C= 0.758
   LINK AH : VOLUME=     665 CAPACITY=   1,770 V/C= 0.376
   LINK AI : VOLUME=     962 CAPACITY=   1,770 V/C= 0.544
   LINK AJ : VOLUME=     320 CAPACITY=   2,250 V/C= 0.142
   LINK AK : VOLUME=     264 CAPACITY=   2,250 V/C= 0.117
   LINK AL : VOLUME=     525 CAPACITY=   1,050 V/C= 0.500
   LINK AM : VOLUME=   1,601 CAPACITY=   1,050 V/C= 1.525
   LINK AN : VOLUME=   3,285 CAPACITY=   1,050 V/C= 3.129
   LINK AO : VOLUME=   4,790 CAPACITY=   1,050 V/C= 4.562
   LINK AP : VOLUME=   4,295 CAPACITY=   1,050 V/C= 4.090
   LINK AQ : VOLUME=  13,200 CAPACITY=   1,770 V/C= 7.458
   LINK AR : VOLUME= 160,621 CAPACITY=   3,570 V/C= %44.992
   LINK AS : VOLUME=   3,631 CAPACITY=   1,520 V/C= 2.389
   LINK AT : VOLUME=   7,670 CAPACITY=   2,330 V/C= 3.292
   LINK AU : VOLUME=       0 CAPACITY=     830 V/C= 0.000

              ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

INDIAN RIVER COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTICHH, FTICHF, FTICHP, FTICHO

PATH TABLE = IND - INDIAN RIVER COUNTY ZONE TO ZONE PATHS

   LINK  A : VOLUME= 161,401 CAPACITY=   3,570 V/C= %45.210
   LINK  B : VOLUME= 158,386 CAPACITY=   3,570 V/C= %44.366
   LINK  C : VOLUME= 150,624 CAPACITY=   3,570 V/C= %42.192
   LINK  D : VOLUME=       0 CAPACITY=   2,250 V/C= 0.000
   LINK  E : VOLUME=     880 CAPACITY=   1,050 V/C= 0.838
   LINK  F : VOLUME=   2,829 CAPACITY=   1,050 V/C= 2.694
   LINK  G : VOLUME=   2,093 CAPACITY=   1,050 V/C= 1.993
   LINK  H : VOLUME=   1,722 CAPACITY=   1,050 V/C= 1.640
   LINK  I : VOLUME=   2,101 CAPACITY=   1,050 V/C= 2.001
   LINK  J : VOLUME=   1,644 CAPACITY=     690 V/C= 2.383
   LINK  K : VOLUME=   1,065 CAPACITY=     690 V/C= 1.543
   LINK  L : VOLUME=  12,457 CAPACITY=   1,520 V/C= 8.195
   LINK  M : VOLUME=  10,849 CAPACITY=   2,330 V/C= 4.656
   LINK  N : VOLUME=   9,810 CAPACITY=   2,330 V/C= 4.210
   LINK  O : VOLUME=  14,485 CAPACITY=   2,830 V/C= 5.118
   LINK  P : VOLUME=   3,961 CAPACITY=   1,520 V/C= 2.606
   LINK  Q : VOLUME=   5,875 CAPACITY=   1,770 V/C= 3.319
```

```
LINK  R : VOLUME=   3,674 CAPACITY=   1,770 V/C= 2.076
LINK  S : VOLUME=     722 CAPACITY=   2,650 V/C= 0.272
LINK  T : VOLUME=     826 CAPACITY=     830 V/C= 0.995
LINK  U : VOLUME=     905 CAPACITY=     830 V/C= 1.090
LINK  V : VOLUME=     453 CAPACITY=   1,050 V/C= 0.431
LINK  W : VOLUME=   3,950 CAPACITY=   1,050 V/C= 3.762
LINK  X : VOLUME=   3,317 CAPACITY=   1,050 V/C= 3.159
LINK  Y : VOLUME=   3,293 CAPACITY=     830 V/C= 3.967
LINK  Z : VOLUME=     620 CAPACITY=     830 V/C= 0.747
LINK AA : VOLUME=   2,673 CAPACITY=     830 V/C= 3.220
LINK AB : VOLUME=   3,778 CAPACITY=     830 V/C= 4.552
LINK AC : VOLUME=       0 CAPACITY=     830 V/C= 0.000
LINK AD : VOLUME=   2,635 CAPACITY=     830 V/C= 3.175
LINK AE : VOLUME=   2,635 CAPACITY=   1,520 V/C= 1.734
LINK AF : VOLUME=   3,778 CAPACITY=   1,520 V/C= 2.486
LINK AG : VOLUME=   1,409 CAPACITY=   1,770 V/C= 0.796
LINK AH : VOLUME=     655 CAPACITY=   1,770 V/C= 0.370
LINK AI : VOLUME=     970 CAPACITY=   1,770 V/C= 0.548
LINK AJ : VOLUME=     332 CAPACITY=   2,250 V/C= 0.148
LINK AK : VOLUME=     281 CAPACITY=   2,250 V/C= 0.125
LINK AL : VOLUME=     566 CAPACITY=   1,050 V/C= 0.539
LINK AM : VOLUME=   1,668 CAPACITY=   1,050 V/C= 1.588
LINK AN : VOLUME=   3,524 CAPACITY=   1,050 V/C= 3.356
LINK AO : VOLUME=   5,038 CAPACITY=   1,050 V/C= 4.798
LINK AP : VOLUME=   4,535 CAPACITY=   1,050 V/C= 4.319
LINK AQ : VOLUME=  13,861 CAPACITY=   1,770 V/C= 7.831
LINK AR : VOLUME= 185,503 CAPACITY=   3,570 V/C= %51.962
LINK AS : VOLUME=   3,778 CAPACITY=   1,520 V/C= 2.486
LINK AT : VOLUME=   7,961 CAPACITY=   2,330 V/C= 3.417
LINK AU : VOLUME=       0 CAPACITY=     830 V/C= 0.000
```

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

ST. LUCIE COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTSALP, FTSALF, FTSALH, FTSALO

PATH TABLE = STL - ST. LUCIE COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME=	0	CAPACITY=	830	V/C= 0.000
LINK B : VOLUME=	1,015	CAPACITY=	830	V/C= 1.223
LINK C : VOLUME=	0	CAPACITY=	830	V/C= 0.000
LINK D : VOLUME=	5,363	CAPACITY=	830	V/C= 6.461
LINK E : VOLUME=	2,373	CAPACITY=	830	V/C= 2.859
LINK F : VOLUME=	630	CAPACITY=	830	V/C= 0.759
LINK G : VOLUME=	898	CAPACITY=	830	V/C= 1.082
LINK H : VOLUME=	109	CAPACITY=	830	V/C= 0.131
LINK I : VOLUME=	835	CAPACITY=	1,770	V/C= 0.472
LINK J : VOLUME=	5,085	CAPACITY=	2,650	V/C= 1.919
LINK K : VOLUME=	4,702	CAPACITY=	2,650	V/C= 1.774
LINK L : VOLUME=	52,343	CAPACITY=	3,570	V/C= %14.662
LINK M : VOLUME=	29	CAPACITY=	690	V/C= 0.042
LINK N : VOLUME=	29	CAPACITY=	690	V/C= 0.042
LINK O : VOLUME=	29	CAPACITY=	690	V/C= 0.042
LINK P : VOLUME=	29	CAPACITY=	690	V/C= 0.042
LINK Q : VOLUME=	2,658	CAPACITY=	830	V/C= 3.202
LINK R : VOLUME=	44,347	CAPACITY=	5,360	V/C= 8.274
LINK S : VOLUME=	2,165	CAPACITY=	830	V/C= 2.608
LINK T : VOLUME=	46,512	CAPACITY=	5,360	V/C= 8.678
LINK U : VOLUME=	54,474	CAPACITY=	3,570	V/C= %15.259
LINK V : VOLUME=	958	CAPACITY=	830	V/C= 1.154
LINK W : VOLUME=	3,045	CAPACITY=	1,770	V/C= 1.720
LINK X : VOLUME=	3,607	CAPACITY=	1,770	V/C= 2.038
LINK Y : VOLUME=	562	CAPACITY=	1,770	V/C= 0.318
LINK Z : VOLUME=	562	CAPACITY=	1,770	V/C= 0.318
LINK AA : VOLUME=	2,127	CAPACITY=	830	V/C= 2.563
LINK AB : VOLUME=	1,736	CAPACITY=	830	V/C= 2.092
LINK AC : VOLUME=	15	CAPACITY=	1,770	V/C= 0.008
LINK AD : VOLUME=	15	CAPACITY=	1,520	V/C= 0.010
LINK AE : VOLUME=	1	CAPACITY=	830	V/C= 0.001
LINK AF : VOLUME=	3	CAPACITY=	830	V/C= 0.004
LINK AG : VOLUME=	550	CAPACITY=	830	V/C= 0.663
LINK AH : VOLUME=	1,630	CAPACITY=	830	V/C= 1.964
LINK AI : VOLUME=	0	CAPACITY=	830	V/C= 0.000
LINK AJ : VOLUME=	295	CAPACITY=	1,050	V/C= 0.281
LINK AK : VOLUME=	1,917	CAPACITY=	1,520	V/C= 1.261
LINK AL : VOLUME=	47,770	CAPACITY=	5,360	V/C= 8.912
LINK AM : VOLUME=	295	CAPACITY=	1,050	V/C= 0.281
LINK AN : VOLUME=	37	CAPACITY=	1,050	V/C= 0.035
LINK AO : VOLUME=	208	CAPACITY=	1,050	V/C= 0.198
LINK AP : VOLUME=	49,419	CAPACITY=	5,360	V/C= 9.220
LINK AQ : VOLUME=	2,919	CAPACITY=	1,770	V/C= 1.649
LINK AR : VOLUME=	49,139	CAPACITY=	3,570	V/C= %13.764
LINK AS : VOLUME=	845	CAPACITY=	1,050	V/C= 0.814
LINK AT : VOLUME=	57,760	CAPACITY=	3,570	V/C= %16.179
LINK AU : VOLUME=	557	CAPACITY=	1,050	V/C= 0.530
LINK AV : VOLUME=	3,743	CAPACITY=	1,770	V/C= 2.115
LINK AW : VOLUME=	1	CAPACITY=	830	V/C= 0.001
LINK AX : VOLUME=	5,658	CAPACITY=	1,520	V/C= 3.722
LINK AY : VOLUME=	4,051	CAPACITY=	1,520	V/C= 2.665
LINK AZ : VOLUME=	609	CAPACITY=	1,520	V/C= 0.401
LINK BA : VOLUME=	3,337	CAPACITY=	1,520	V/C= 2.195
LINK BB : VOLUME=	6,903	CAPACITY=	1,520	V/C= 4.541
LINK BC : VOLUME=	2,864	CAPACITY=	1,520	V/C= 1.884
LINK BD : VOLUME=	2,421	CAPACITY=	1,050	V/C= 2.306
LINK BE : VOLUME=	50,337	CAPACITY=	3,570	V/C= %14.100
LINK BF : VOLUME=	50,598	CAPACITY=	3,570	V/C= %14.173
LINK BG : VOLUME=	639	CAPACITY=	1,050	V/C= 0.609
LINK BH : VOLUME=	395	CAPACITY=	1,050	V/C= 0.376
LINK BI : VOLUME=	0	CAPACITY=	1,050	V/C= 0.000
LINK BJ : VOLUME=	0	CAPACITY=	1,770	V/C= 0.000
LINK BK : VOLUME=	171	CAPACITY=	1,770	V/C= 0.097
LINK BL : VOLUME=	1,362	CAPACITY=	1,520	V/C= 0.896
LINK BM : VOLUME=	1,015	CAPACITY=	830	V/C= 1.223
LINK BN : VOLUME=	5,363	CAPACITY=	830	V/C= 6.461
LINK BO : VOLUME=	5,085	CAPACITY=	2,650	V/C= 1.919
LINK BP : VOLUME=	0	CAPACITY=	1,050	V/C= 0.000
LINK BQ : VOLUME=	3,045	CAPACITY=	1,770	V/C= 1.720
LINK BR : VOLUME=	1,310	CAPACITY=	1,520	V/C= 0.862
LINK BS : VOLUME=	2,844	CAPACITY=	1,050	V/C= 2.709
LINK BT : VOLUME=	47,770	CAPACITY=	5,360	V/C= 8.912
LINK BU : VOLUME=	0	CAPACITY=	1,050	V/C= 0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

ST. LUCIE COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTSAHP, FTSAHF, FTSAHH, FTSAHO

PATH TABLE = STL - ST. LUCIE COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK B : VOLUME= 1,050 CAPACITY= 830 V/C= 1.265
LINK C : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK D : VOLUME= 6,249 CAPACITY= 830 V/C= 7.529
LINK E : VOLUME= 2,538 CAPACITY= 830 V/C= 3.058
LINK F : VOLUME= 699 CAPACITY= 830 V/C= 0.842
LINK G : VOLUME= 996 CAPACITY= 830 V/C= 1.200
LINK H : VOLUME= 108 CAPACITY= 830 V/C= 0.130
LINK I : VOLUME= 1,246 CAPACITY= 1,770 V/C= 0.704
LINK J : VOLUME= 5,859 CAPACITY= 2,650 V/C= 2.211
LINK K : VOLUME= 5,451 CAPACITY= 2,650 V/C= 2.057
LINK L : VOLUME= 67,065 CAPACITY= 3,570 V/C= %18.786
LINK M : VOLUME= 29 CAPACITY= 690 V/C= 0.042
LINK N : VOLUME= 29 CAPACITY= 690 V/C= 0.042
LINK O : VOLUME= 29 CAPACITY= 690 V/C= 0.042
LINK P : VOLUME= 29 CAPACITY= 690 V/C= 0.042
LINK Q : VOLUME= 2,867 CAPACITY= 830 V/C= 3.454
LINK R : VOLUME= 52,101 CAPACITY= 5,360 V/C= 9.720
LINK S : VOLUME= 2,359 CAPACITY= 830 V/C= 2.842
LINK T : VOLUME= 54,460 CAPACITY= 5,360 V/C= %10.160
LINK U : VOLUME= 69,736 CAPACITY= 3,570 V/C= %19.534
LINK V : VOLUME= 981 CAPACITY= 830 V/C= 1.182
LINK W : VOLUME= 3,871 CAPACITY= 1,770 V/C= 2.187
LINK X : VOLUME= 4,491 CAPACITY= 1,770 V/C= 2.537
LINK Y : VOLUME= 629 CAPACITY= 1,770 V/C= 0.350
LINK Z : VOLUME= 620 CAPACITY= 1,770 V/C= 0.350
LINK AA : VOLUME= 2,352 CAPACITY= 830 V/C= 2.834
LINK AB : VOLUME= 2,121 CAPACITY= 830 V/C= 2.555
LINK AC : VOLUME= 15 CAPACITY= 1,770 V/C= 0.008
LINK AD : VOLUME= 15 CAPACITY= 1,520 V/C= 0.010
LINK AE : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK AF : VOLUME= 3 CAPACITY= 830 V/C= 0.004
LINK AG : VOLUME= 608 CAPACITY= 830 V/C= 0.733
LINK AH : VOLUME= 2,083 CAPACITY= 830 V/C= 2.510
LINK AI : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK AJ : VOLUME= 344 CAPACITY= 1,050 V/C= 0.328
LINK AK : VOLUME= 2,452 CAPACITY= 1,520 V/C= 1.613
LINK AL : VOLUME= 56,335 CAPACITY= 5,360 V/C= %10.510
LINK AM : VOLUME= 344 CAPACITY= 1,050 V/C= 0.328
LINK AN : VOLUME= 37 CAPACITY= 1,050 V/C= 0.035
LINK AO : VOLUME= 224 CAPACITY= 1,050 V/C= 0.213
LINK AP : VOLUME= 58,519 CAPACITY= 5,360 V/C= %10.918
LINK AQ : VOLUME= 3,963 CAPACITY= 1,770 V/C= 2.239
LINK AR : VOLUME= 58,497 CAPACITY= 3,570 V/C= %16.386
LINK AS : VOLUME= 791 CAPACITY= 1,050 V/C= 0.753
LINK AT : VOLUME= 74,185 CAPACITY= 3,570 V/C= %20.775
LINK AU : VOLUME= 518 CAPACITY= 1,050 V/C= 0.493

LINK AV : VOLUME= 4,726 CAPACITY= 1,770 V/C= 2.670
LINK AW : VOLUME= 2 CAPACITY= 830 V/C= 0.002
LINK AX : VOLUME= 6,856 CAPACITY= 1,520 V/C= 4.511
LINK AY : VOLUME= 4,903 CAPACITY= 1,520 V/C= 3.226
LINK AZ : VOLUME= 722 CAPACITY= 1,520 V/C= 0.475
LINK BA : VOLUME= 3,560 CAPACITY= 1,520 V/C= 2.342
LINK BB : VOLUME= 7,849 CAPACITY= 1,520 V/C= 5.164
LINK BC : VOLUME= 3,365 CAPACITY= 1,520 V/C= 2.214
LINK BD : VOLUME= 2,662 CAPACITY= 1,050 V/C= 2.535
LINK BE : VOLUME= 59,986 CAPACITY= 3,570 V/C= %16.803
LINK BF : VOLUME= 60,303 CAPACITY= 3,570 V/C= %16.892
LINK BG : VOLUME= 646 CAPACITY= 1,050 V/C= 0.615
LINK BH : VOLUME= 405 CAPACITY= 1,050 V/C= 0.386
LINK BI : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK BJ : VOLUME= 0 CAPACITY= 1,770 V/C= 0.000
LINK BK : VOLUME= 173 CAPACITY= 1,770 V/C= 0.098
LINK BL : VOLUME= 1,415 CAPACITY= 1,520 V/C= 0.931
LINK BM : VOLUME= 1,050 CAPACITY= 830 V/C= 1.265
LINK BN : VOLUME= 6,249 CAPACITY= 830 V/C= 7.529
LINK BO : VOLUME= 5,859 CAPACITY= 2,650 V/C= 2.211
LINK BP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK BQ : VOLUME= 3,871 CAPACITY= 1,770 V/C= 2.187
LINK BR : VOLUME= 1,685 CAPACITY= 1,520 V/C= 1.109
LINK BS : VOLUME= 3,465 CAPACITY= 1,050 V/C= 3.300
LINK BT : VOLUME= 56,335 CAPACITY= 5,360 V/C= %10.510
LINK BU : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

ST. LUCIE COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTSBLP, FTSBLF, FTSBLH, FTSBLO

PATH TABLE = STL - ST. LUCIE COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME=	0	CAPACITY=	830	V/C= 0.000
LINK B : VOLUME=	975	CAPACITY=	830	V/C= 1.175
LINK C : VOLUME=	0	CAPACITY=	830	V/C= 0.000
LINK D : VOLUME=	5,182	CAPACITY=	830	V/C= 6.243
LINK E : VOLUME=	2,271	CAPACITY=	830	V/C= 2.736
LINK F : VOLUME=	566	CAPACITY=	830	V/C= 0.682
LINK G : VOLUME=	982	CAPACITY=	830	V/C= 1.183
LINK H : VOLUME=	110	CAPACITY=	830	V/C= 0.133
LINK I : VOLUME=	1,304	CAPACITY=	1,770	V/C= 0.737
LINK J : VOLUME=	5,744	CAPACITY=	2,650	V/C= 2.168
LINK K : VOLUME=	5,973	CAPACITY=	2,650	V/C= 2.254
LINK L : VOLUME=	108,242	CAPACITY=	3,570	V/C= %30.320
LINK M : VOLUME=	1,375	CAPACITY=	690	V/C= 1.993
LINK N : VOLUME=	1,375	CAPACITY=	690	V/C= 1.993
LINK O : VOLUME=	1,375	CAPACITY=	690	V/C= 1.993
LINK P : VOLUME=	1,375	CAPACITY=	690	V/C= 1.993
LINK Q : VOLUME=	3,856	CAPACITY=	830	V/C= 4.646
LINK R : VOLUME=	86,026	CAPACITY=	5,360	V/C= %16.050
LINK S : VOLUME=	2,751	CAPACITY=	830	V/C= 3.314
LINK T : VOLUME=	88,777	CAPACITY=	5,360	V/C= %16.563
LINK U : VOLUME=	110,761	CAPACITY=	3,570	V/C= %31.025
LINK V : VOLUME=	1,347	CAPACITY=	830	V/C= 1.623
LINK W : VOLUME=	3,200	CAPACITY=	1,770	V/C= 1.808
LINK X : VOLUME=	3,720	CAPACITY=	1,770	V/C= 2.102
LINK Y : VOLUME=	520	CAPACITY=	1,770	V/C= 0.294
LINK Z : VOLUME=	520	CAPACITY=	1,770	V/C= 0.294
LINK AA : VOLUME=	2,429	CAPACITY=	830	V/C= 2.927
LINK AB : VOLUME=	2,497	CAPACITY=	830	V/C= 3.008
LINK AC : VOLUME=	12	CAPACITY=	1,770	V/C= 0.007
LINK AD : VOLUME=	12	CAPACITY=	1,520	V/C= 0.008
LINK AE : VOLUME=	0	CAPACITY=	830	V/C= 0.000
LINK AF : VOLUME=	4	CAPACITY=	830	V/C= 0.005
LINK AG : VOLUME=	512	CAPACITY=	830	V/C= 0.617
LINK AH : VOLUME=	1,904	CAPACITY=	830	V/C= 2.294
LINK AI : VOLUME=	1	CAPACITY=	830	V/C= 0.001
LINK AJ : VOLUME=	289	CAPACITY=	1,050	V/C= 0.275
LINK AK : VOLUME=	1,995	CAPACITY=	1,520	V/C= 1.313
LINK AL : VOLUME=	90,382	CAPACITY=	5,360	V/C= %16.862
LINK AM : VOLUME=	289	CAPACITY=	1,050	V/C= 0.275
LINK AN : VOLUME=	32	CAPACITY=	1,050	V/C= 0.030
LINK AO : VOLUME=	206	CAPACITY=	1,050	V/C= 0.196
LINK AP : VOLUME=	92,164	CAPACITY=	5,360	V/C= %17.195
LINK AQ : VOLUME=	3,642	CAPACITY=	1,770	V/C= 2.058
LINK AR : VOLUME=	92,193	CAPACITY=	3,570	V/C= %25.824
LINK AS : VOLUME=	792	CAPACITY=	1,050	V/C= 0.754
LINK AT : VOLUME=	115,052	CAPACITY=	3,570	V/C= %32.227
LINK AU : VOLUME=	490	CAPACITY=	1,050	V/C= 0.467
LINK AV : VOLUME=	4,596	CAPACITY=	1,770	V/C= 2.597
LINK AW : VOLUME=	2	CAPACITY=	830	V/C= 0.002
LINK AX : VOLUME=	6,107	CAPACITY=	1,520	V/C= 4.018
LINK AY : VOLUME=	4,737	CAPACITY=	1,520	V/C= 3.116
LINK AZ : VOLUME=	1,010	CAPACITY=	1,520	V/C= 0.664
LINK BA : VOLUME=	3,675	CAPACITY=	1,520	V/C= 2.418
LINK BB : VOLUME=	7,288	CAPACITY=	1,520	V/C= 4.795
LINK BC : VOLUME=	3,467	CAPACITY=	1,520	V/C= 2.281
LINK BD : VOLUME=	2,828	CAPACITY=	1,050	V/C= 2.693
LINK BE : VOLUME=	93,778	CAPACITY=	3,570	V/C= %26.266
LINK BF : VOLUME=	94,237	CAPACITY=	3,570	V/C= %26.397
LINK BG : VOLUME=	774	CAPACITY=	1,050	V/C= 0.737
LINK BH : VOLUME=	410	CAPACITY=	1,050	V/C= 0.390
LINK BI : VOLUME=	0	CAPACITY=	1,050	V/C= 0.000
LINK BJ : VOLUME=	0	CAPACITY=	1,770	V/C= 0.000
LINK BK : VOLUME=	157	CAPACITY=	1,770	V/C= 0.089
LINK BL : VOLUME=	1,949	CAPACITY=	1,520	V/C= 1.282
LINK BM : VOLUME=	975	CAPACITY=	830	V/C= 1.175
LINK BN : VOLUME=	5,182	CAPACITY=	830	V/C= 6.243
LINK BO : VOLUME=	5,744	CAPACITY=	2,650	V/C= 2.168
LINK BP : VOLUME=	0	CAPACITY=	1,050	V/C= 0.000
LINK BQ : VOLUME=	3,200	CAPACITY=	1,770	V/C= 1.808
LINK BR : VOLUME=	1,605	CAPACITY=	1,520	V/C= 1.069
LINK BS : VOLUME=	3,275	CAPACITY=	1,050	V/C= 3.119
LINK BT : VOLUME=	90,382	CAPACITY=	5,360	V/C= %16.862
LINK BU : VOLUME=	0	CAPACITY=	1,050	V/C= 0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

ST. LUCIE COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTSBHP, FTSBHI, FTSBHE, FTSBHO

PATH TABLE = STL - ST. LUCIE COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME=	0	CAPACITY=	830	V/C=	0.000
LINK B : VOLUME=	1,009	CAPACITY=	830	V/C=	1.216
LINK C : VOLUME=	0	CAPACITY=	830	V/C=	0.000
LINK D : VOLUME=	6,095	CAPACITY=	830	V/C=	7.343
LINK E : VOLUME=	2,432	CAPACITY=	830	V/C=	2.930
LINK F : VOLUME=	594	CAPACITY=	830	V/C=	0.716
LINK G : VOLUME=	1,080	CAPACITY=	830	V/C=	1.301
LINK H : VOLUME=	111	CAPACITY=	830	V/C=	0.134
LINK I : VOLUME=	1,615	CAPACITY=	1,770	V/C=	0.912
LINK J : VOLUME=	6,418	CAPACITY=	2,650	V/C=	2.422
LINK K : VOLUME=	6,724	CAPACITY=	2,650	V/C=	2.537
LINK L : VOLUME=	125,867	CAPACITY=	3,570	V/C=	%35.257
LINK M : VOLUME=	1,375	CAPACITY=	690	V/C=	1.993
LINK N : VOLUME=	1,375	CAPACITY=	690	V/C=	1.993
LINK O : VOLUME=	1,375	CAPACITY=	690	V/C=	1.993
LINK P : VOLUME=	1,375	CAPACITY=	690	V/C=	1.993
LINK Q : VOLUME=	4,067	CAPACITY=	830	V/C=	4.900
LINK R : VOLUME=	98,759	CAPACITY=	5,360	V/C=	%18.425
LINK S : VOLUME=	2,945	CAPACITY=	830	V/C=	3.548
LINK T : VOLUME=	101,704	CAPACITY=	5,360	V/C=	%18.975
LINK U : VOLUME=	128,926	CAPACITY=	3,570	V/C=	%36.114
LINK V : VOLUME=	1,465	CAPACITY=	830	V/C=	1.770
LINK W : VOLUME=	4,027	CAPACITY=	1,770	V/C=	2.275
LINK X : VOLUME=	4,808	CAPACITY=	1,770	V/C=	2.691
LINK Y : VOLUME=	579	CAPACITY=	1,770	V/C=	0.327
LINK Z : VOLUME=	579	CAPACITY=	1,770	V/C=	0.327
LINK AA : VOLUME=	2,589	CAPACITY=	830	V/C=	3.096
LINK AB : VOLUME=	2,511	CAPACITY=	830	V/C=	3.025
LINK AC : VOLUME=	12	CAPACITY=	1,770	V/C=	0.007
LINK AD : VOLUME=	12	CAPACITY=	1,520	V/C=	0.008
LINK AE : VOLUME=	1	CAPACITY=	830	V/C=	0.001
LINK AF : VOLUME=	3	CAPACITY=	830	V/C=	0.004
LINK AG : VOLUME=	570	CAPACITY=	830	V/C=	0.687
LINK AH : VOLUME=	2,484	CAPACITY=	830	V/C=	2.993
LINK AI : VOLUME=	4	CAPACITY=	830	V/C=	0.005
LINK AJ : VOLUME=	339	CAPACITY=	1,050	V/C=	0.323
LINK AK : VOLUME=	2,659	CAPACITY=	1,520	V/C=	1.749
LINK AL : VOLUME=	103,926	CAPACITY=	5,360	V/C=	%19.389
LINK AM : VOLUME=	339	CAPACITY=	1,050	V/C=	0.323
LINK AN : VOLUME=	32	CAPACITY=	1,050	V/C=	0.030
LINK AO : VOLUME=	224	CAPACITY=	1,050	V/C=	0.213
LINK AP : VOLUME=	106,372	CAPACITY=	5,360	V/C=	%19.846
LINK AQ : VOLUME=	4,596	CAPACITY=	1,770	V/C=	2.596
LINK AR : VOLUME=	106,485	CAPACITY=	3,570	V/C=	%29.828
LINK AS : VOLUME=	938	CAPACITY=	1,050	V/C=	0.893
LINK AT : VOLUME=	134,357	CAPACITY=	3,570	V/C=	%37.635
LINK AU : VOLUME=	508	CAPACITY=	1,050	V/C=	0.484
LINK AV : VOLUME=	5,451	CAPACITY=	1,770	V/C=	3.080
LINK AW : VOLUME=	1	CAPACITY=	830	V/C=	0.001
LINK AX : VOLUME=	7,267	CAPACITY=	1,520	V/C=	4.784
LINK AY : VOLUME=	5,643	CAPACITY=	1,520	V/C=	3.713
LINK AZ : VOLUME=	1,181	CAPACITY=	1,520	V/C=	0.777
LINK BA : VOLUME=	3,870	CAPACITY=	1,520	V/C=	2.546
LINK BB : VOLUME=	8,260	CAPACITY=	1,520	V/C=	5.434
LINK BC : VOLUME=	3,683	CAPACITY=	1,520	V/C=	2.423
LINK BD : VOLUME=	3,121	CAPACITY=	1,050	V/C=	2.972
LINK BE : VOLUME=	108,447	CAPACITY=	3,570	V/C=	%30.377
LINK BF : VOLUME=	108,922	CAPACITY=	3,570	V/C=	%30.510
LINK BG : VOLUME=	782	CAPACITY=	1,050	V/C=	0.745
LINK BH : VOLUME=	420	CAPACITY=	1,050	V/C=	0.400
LINK BI : VOLUME=	0	CAPACITY=	1,050	V/C=	0.000
LINK BJ : VOLUME=	0	CAPACITY=	1,770	V/C=	0.000
LINK BK : VOLUME=	159	CAPACITY=	1,770	V/C=	0.090
LINK BL : VOLUME=	2,001	CAPACITY=	1,520	V/C=	1.316
LINK BM : VOLUME=	1,009	CAPACITY=	830	V/C=	1.216
LINK BN : VOLUME=	6,095	CAPACITY=	830	V/C=	7.343
LINK BO : VOLUME=	6,418	CAPACITY=	2,650	V/C=	2.422
LINK BP : VOLUME=	0	CAPACITY=	1,050	V/C=	0.000
LINK BQ : VOLUME=	4,027	CAPACITY=	1,770	V/C=	2.275
LINK BR : VOLUME=	1,741	CAPACITY=	1,520	V/C=	1.145
LINK BS : VOLUME=	3,900	CAPACITY=	1,050	V/C=	3.714
LINK BT : VOLUME=	103,926	CAPACITY=	5,360	V/C=	%19.389
LINK BU : VOLUME=	0	CAPACITY=	1,050	V/C=	0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

ST. LUCIE COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTSCLP, FTSCLH, FTSCLH, FTSCLO

PATH TABLE = STL - ST. LUCIE COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK B : VOLUME= 935 CAPACITY= 830 V/C= 1.127
LINK C : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK D : VOLUME= 5,218 CAPACITY= 830 V/C= 6.287
LINK E : VOLUME= 2,386 CAPACITY= 830 V/C= 2.875
LINK F : VOLUME= 503 CAPACITY= 830 V/C= 0.606
LINK G : VOLUME= 1,066 CAPACITY= 830 V/C= 1.284
LINK H : VOLUME= 112 CAPACITY= 830 V/C= 0.135
LINK I : VOLUME= 1,431 CAPACITY= 1,770 V/C= 0.808
LINK J : VOLUME= 6,061 CAPACITY= 2,650 V/C= 2.287
LINK K : VOLUME= 6,636 CAPACITY= 2,650 V/C= 2.580
LINK L : VOLUME= 152,608 CAPACITY= 3,570 V/C= %42.747
LINK M : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK N : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK O : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK P : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK Q : VOLUME= 4,230 CAPACITY= 830 V/C= 5.096
LINK R : VOLUME= 126,570 CAPACITY= 5,360 V/C= %23.614
LINK S : VOLUME= 3,118 CAPACITY= 830 V/C= 3.757
LINK T : VOLUME= 129,688 CAPACITY= 5,360 V/C= %24.196
LINK U : VOLUME= 155,747 CAPACITY= 3,570 V/C= %43.627
LINK V : VOLUME= 1,802 CAPACITY= 830 V/C= 2.171
LINK W : VOLUME= 3,868 CAPACITY= 1,770 V/C= 2.185
LINK X : VOLUME= 4,464 CAPACITY= 1,770 V/C= 2.522
LINK Y : VOLUME= 596 CAPACITY= 1,770 V/C= 0.337
LINK Z : VOLUME= 596 CAPACITY= 1,770 V/C= 0.337
LINK AA : VOLUME= 3,456 CAPACITY= 830 V/C= 4.164
LINK AB : VOLUME= 3,557 CAPACITY= 830 V/C= 4.286
LINK AC : VOLUME= 11 CAPACITY= 1,770 V/C= 0.006
LINK AD : VOLUME= 11 CAPACITY= 1,520 V/C= 0.007
LINK AE : VOLUME= 1 CAPACITY= 830 V/C= 0.001
LINK AF : VOLUME= 3 CAPACITY= 830 V/C= 0.004
LINK AG : VOLUME= 588 CAPACITY= 830 V/C= 0.708
LINK AH : VOLUME= 2,531 CAPACITY= 830 V/C= 3.049
LINK AI : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK AJ : VOLUME= 319 CAPACITY= 1,050 V/C= 0.304
LINK AK : VOLUME= 2,452 CAPACITY= 1,520 V/C= 1.613
LINK AL : VOLUME= 131,969 CAPACITY= 5,360 V/C= %24.621
LINK AM : VOLUME= 319 CAPACITY= 1,050 V/C= 0.304
LINK AN : VOLUME= 29 CAPACITY= 1,050 V/C= 0.028
LINK AO : VOLUME= 212 CAPACITY= 1,050 V/C= 0.202
LINK AP : VOLUME= 134,200 CAPACITY= 5,360 V/C= %25.037
LINK AQ : VOLUME= 4,419 CAPACITY= 1,770 V/C= 2.497
LINK AR : VOLUME= 134,131 CAPACITY= 3,570 V/C= %37.572
LINK AS : VOLUME= 1,017 CAPACITY= 1,050 V/C= 0.969
LINK AT : VOLUME= 160,929 CAPACITY= 3,570 V/C= %45.078
LINK AU : VOLUME= 724 CAPACITY= 1,050 V/C= 0.689

LINK AV : VOLUME= 5,395 CAPACITY= 1,770 V/C= 3.048
LINK AW : VOLUME= 1 CAPACITY= 830 V/C= 0.001
LINK AX : VOLUME= 7,658 CAPACITY= 1,520 V/C= 5.038
LINK AY : VOLUME= 4,556 CAPACITY= 1,520 V/C= 2.997
LINK AZ : VOLUME= 951 CAPACITY= 1,520 V/C= 0.626
LINK BA : VOLUME= 3,730 CAPACITY= 1,520 V/C= 2.454
LINK BB : VOLUME= 7,390 CAPACITY= 1,520 V/C= 4.862
LINK BC : VOLUME= 4,544 CAPACITY= 1,520 V/C= 2.989
LINK BD : VOLUME= 3,714 CAPACITY= 1,050 V/C= 3.537
LINK BE : VOLUME= 136,309 CAPACITY= 3,570 V/C= %38.182
LINK BF : VOLUME= 136,942 CAPACITY= 3,570 V/C= %38.359
LINK BG : VOLUME= 1,008 CAPACITY= 1,050 V/C= 0.960
LINK BH : VOLUME= 424 CAPACITY= 1,050 V/C= 0.404
LINK BI : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK BJ : VOLUME= 0 CAPACITY= 1,770 V/C= 0.000
LINK BK : VOLUME= 143 CAPACITY= 1,770 V/C= 0.081
LINK BL : VOLUME= 1,895 CAPACITY= 1,520 V/C= 1.247
LINK BM : VOLUME= 935 CAPACITY= 830 V/C= 1.127
LINK BN : VOLUME= 5,218 CAPACITY= 830 V/C= 6.287
LINK BO : VOLUME= 6,061 CAPACITY= 2,650 V/C= 2.287
LINK BP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK BQ : VOLUME= 3,868 CAPACITY= 1,770 V/C= 2.185
LINK BR : VOLUME= 2,552 CAPACITY= 1,520 V/C= 1.679
LINK BS : VOLUME= 4,429 CAPACITY= 1,050 V/C= 4.218
LINK BT : VOLUME= 131,969 CAPACITY= 5,360 V/C= %24.621
LINK BU : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

ST. LUCIE COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTSCHP, FTSCHF, FTSCHH, FTSCHO

PATH TABLE = STL - ST. LUCIE COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK B : VOLUME= 970 CAPACITY= 830 V/C= 1.169
LINK C : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK D : VOLUME= 5,921 CAPACITY= 830 V/C= 7.134
LINK E : VOLUME= 2,369 CAPACITY= 830 V/C= 2.854
LINK F : VOLUME= 531 CAPACITY= 830 V/C= 0.640
LINK G : VOLUME= 1,164 CAPACITY= 830 V/C= 1.402
LINK H : VOLUME= 111 CAPACITY= 830 V/C= 0.134
LINK I : VOLUME= 1,842 CAPACITY= 1,770 V/C= 1.041
LINK J : VOLUME= 6,835 CAPACITY= 2,650 V/C= 2.579
LINK K : VOLUME= 7,585 CAPACITY= 2,650 V/C= 2.862
LINK L : VOLUME= 175,726 CAPACITY= 3,570 V/C= %49.223
LINK M : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK N : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK O : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK P : VOLUME= 1,376 CAPACITY= 690 V/C= 1.994
LINK Q : VOLUME= 4,438 CAPACITY= 830 V/C= 5.347
LINK R : VOLUME= 139,802 CAPACITY= 5,360 V/C= %26.082
LINK S : VOLUME= 3,311 CAPACITY= 830 V/C= 3.989
LINK T : VOLUME= 143,113 CAPACITY= 5,360 V/C= %26.700
LINK U : VOLUME= 179,406 CAPACITY= 3,570 V/C= %50.254
LINK V : VOLUME= 1,827 CAPACITY= 830 V/C= 2.201
LINK W : VOLUME= 4,696 CAPACITY= 1,770 V/C= 2.653
LINK X : VOLUME= 5,350 CAPACITY= 1,770 V/C= 3.023
LINK Y : VOLUME= 654 CAPACITY= 1,770 V/C= 0.369
LINK Z : VOLUME= 654 CAPACITY= 1,770 V/C= 0.369
LINK AA : VOLUME= 3,725 CAPACITY= 830 V/C= 4.488
LINK AB : VOLUME= 3,972 CAPACITY= 830 V/C= 4.786
LINK AC : VOLUME= 11 CAPACITY= 1,770 V/C= 0.006
LINK AD : VOLUME= 11 CAPACITY= 1,520 V/C= 0.007
LINK AE : VOLUME= 0 CAPACITY= 830 V/C= 0.000
LINK AF : VOLUME= 4 CAPACITY= 830 V/C= 0.005
LINK AG : VOLUME= 647 CAPACITY= 830 V/C= 0.780
LINK AH : VOLUME= 2,984 CAPACITY= 830 V/C= 3.595
LINK AI : VOLUME= 1 CAPACITY= 830 V/C= 0.001
LINK AJ : VOLUME= 369 CAPACITY= 1,050 V/C= 0.351
LINK AK : VOLUME= 2,987 CAPACITY= 1,520 V/C= 1.965
LINK AL : VOLUME= 146,011 CAPACITY= 5,360 V/C= %27.241
LINK AM : VOLUME= 369 CAPACITY= 1,050 V/C= 0.351
LINK AN : VOLUME= 29 CAPACITY= 1,050 V/C= 0.028
LINK AO : VOLUME= 229 CAPACITY= 1,050 V/C= 0.218
LINK AP : VOLUME= 148,777 CAPACITY= 5,360 V/C= %27.757
LINK AQ : VOLUME= 5,504 CAPACITY= 1,770 V/C= 3.110
LINK AR : VOLUME= 148,969 CAPACITY= 3,570 V/C= %41.729
LINK AS : VOLUME= 1,162 CAPACITY= 1,050 V/C= 1.107
LINK AT : VOLUME= 185,729 CAPACITY= 3,570 V/C= %52.025
LINK AU : VOLUME= 865 CAPACITY= 1,050 V/C= 0.824

LINK AV : VOLUME= 6,578 CAPACITY= 1,770 V/C= 3.[illegible]
LINK AW : VOLUME= 2 CAPACITY= 830 V/C= 0.002
LINK AX : VOLUME= 8,426 CAPACITY= 1,520 V/C= 5.543
LINK AY : VOLUME= 5,456 CAPACITY= 1,520 V/C= 3.589
LINK AZ : VOLUME= 1,040 CAPACITY= 1,520 V/C= 0.684
LINK BA : VOLUME= 3,836 CAPACITY= 1,520 V/C= 2.524
LINK BB : VOLUME= 8,012 CAPACITY= 1,520 V/C= 5.271
LINK BC : VOLUME= 4,442 CAPACITY= 1,520 V/C= 2.922
LINK BD : VOLUME= 4,026 CAPACITY= 1,050 V/C= 3.834
LINK BE : VOLUME= 151,485 CAPACITY= 3,570 V/C= %42.433
LINK BF : VOLUME= 152,126 CAPACITY= 3,570 V/C= %42.612
LINK BG : VOLUME= 1,016 CAPACITY= 1,050 V/C= 0.968
LINK BH : VOLUME= 434 CAPACITY= 1,050 V/C= 0.413
LINK BI : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK BJ : VOLUME= 0 CAPACITY= 1,770 V/C= 0.000
LINK BK : VOLUME= 145 CAPACITY= 1,770 V/C= 0.082
LINK BL : VOLUME= 1,948 CAPACITY= 1,520 V/C= 1.282
LINK BM : VOLUME= 970 CAPACITY= 830 V/C= 1.169
LINK BN : VOLUME= 5,921 CAPACITY= 830 V/C= 7.134
LINK BO : VOLUME= 6,835 CAPACITY= 2,650 V/C= 2.579
LINK BP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK BQ : VOLUME= 4,696 CAPACITY= 1,770 V/C= 2.653
LINK BR : VOLUME= 2,522 CAPACITY= 1,520 V/C= 1.659
LINK BS : VOLUME= 5,054 CAPACITY= 1,050 V/C= 4.813
LINK BT : VOLUME= 146,011 CAPACITY= 5,360 V/C= %27.241
LINK BU : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMALP, FTMALP, FTMALH, FTMALO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 955 CAPACITY= 830 V/C= 1.150
LINK B : VOLUME= 117 CAPACITY= 830 V/C= 0.141
LINK C : VOLUME= 3,118 CAPACITY= 830 V/C= 3.757
LINK D : VOLUME= 898 CAPACITY= 830 V/C= 1.082
LINK E : VOLUME= 0 CAPACITY= 690 V/C= 0.000
LINK F : VOLUME= 3,118 CAPACITY= 690 V/C= 4.519
LINK G : VOLUME= 4,113 CAPACITY= 1,520 V/C= 2.706
LINK H : VOLUME= 723 CAPACITY= 830 V/C= 0.871
LINK I : VOLUME= 102 CAPACITY= 830 V/C= 0.123
LINK J : VOLUME= 2,801 CAPACITY= 830 V/C= 3.375
LINK K : VOLUME= 1,312 CAPACITY= 1,520 V/C= 0.863
LINK L : VOLUME= 898 CAPACITY= 2,650 V/C= 0.339
LINK M : VOLUME= 1,223 CAPACITY= 2,650 V/C= 0.462
LINK N : VOLUME= 4,064 CAPACITY= 690 V/C= 5.890
LINK O : VOLUME= 6,057 CAPACITY= 1,520 V/C= 3.985
LINK P : VOLUME= 434 CAPACITY= 830 V/C= 0.523
LINK Q : VOLUME= 1,880 CAPACITY= 830 V/C= 2.265
LINK R : VOLUME= 2,482 CAPACITY= 830 V/C= 2.990
LINK S : VOLUME= 1,977 CAPACITY= 1,520 V/C= 1.301
LINK T : VOLUME= 1,980 CAPACITY= 830 V/C= 2.386
LINK U : VOLUME= 375 CAPACITY= 830 V/C= 0.452
LINK V : VOLUME= 4,442 CAPACITY= 2,650 V/C= 1.676
LINK W : VOLUME= 4,282 CAPACITY= 2,650 V/C= 1.616
LINK X : VOLUME= 2,547 CAPACITY= 2,650 V/C= 0.961
LINK Y : VOLUME= 2,066 CAPACITY= 690 V/C= 2.994
LINK Z : VOLUME= 9,199 CAPACITY= 1,520 V/C= 6.052
LINK AA : VOLUME= 712 CAPACITY= 830 V/C= 0.858
LINK BB : VOLUME= 910 CAPACITY= 830 V/C= 1.096
LINK CC : VOLUME= 825 CAPACITY= 830 V/C= 0.994
LINK DD : VOLUME= 173 CAPACITY= 830 V/C= 0.208
LINK EE : VOLUME= 0 CAPACITY= 2,250 V/C= 0.000
LINK FF : VOLUME= 2,498 CAPACITY= 2,250 V/C= 1.110
LINK GG : VOLUME= 2,677 CAPACITY= 1,770 V/C= 1.512
LINK HH : VOLUME= 4,351 CAPACITY= 830 V/C= 5.242
LINK II : VOLUME= 5,394 CAPACITY= 830 V/C= 6.499
LINK JJ : VOLUME= 4,281 CAPACITY= 2,250 V/C= 1.902
LINK KK : VOLUME= 1,876 CAPACITY= 830 V/C= 2.260
LINK LL : VOLUME= 1,509 CAPACITY= 830 V/C= 1.818
LINK MM : VOLUME= 5,472 CAPACITY= 1,770 V/C= 3.092
LINK NN : VOLUME= 378 CAPACITY= 830 V/C= 0.455
LINK OO : VOLUME= 2,590 CAPACITY= 830 V/C= 3.120
LINK PP : VOLUME= 2,799 CAPACITY= 830 V/C= 3.372
LINK QQ : VOLUME= 7,133 CAPACITY= 1,520 V/C= 4.693
LINK RR : VOLUME= 930 CAPACITY= 830 V/C= 1.120
LINK SS : VOLUME= 1,689 CAPACITY= 830 V/C= 2.035
LINK TT : VOLUME= 3,379 CAPACITY= 1,050 V/C= 3.218
LINK UU : VOLUME= 1,366 CAPACITY= 1,050 V/C= 1.301

LINK VV : VOLUME= 563 CAPACITY= 1,050 V/C= 0.536
LINK WW : VOLUME= 1,050 CAPACITY= 1,050 V/C= 1.000
LINK XX : VOLUME= 14 CAPACITY= 830 V/C= 0.017
LINK YY : VOLUME= 8 CAPACITY= 1,050 V/C= 0.008
LINK ZZ : VOLUME= 269 CAPACITY= 1,050 V/C= 0.256
LINK AB : VOLUME= 38,584 CAPACITY= 5,360 V/C= 7.199
LINK AC : VOLUME= 40,597 CAPACITY= 5,360 V/C= 7.574
LINK AD : VOLUME= 41,863 CAPACITY= 5,360 V/C= 7.810
LINK AE : VOLUME= 44,847 CAPACITY= 5,360 V/C= 8.367
LINK AF : VOLUME= 47,450 CAPACITY= 3,570 V/C= %13.291
LINK AG : VOLUME= 52,793 CAPACITY= 3,570 V/C= %14.788
LINK AH : VOLUME= 1,271 CAPACITY= 830 V/C= 1.531
LINK AI : VOLUME= 8,748 CAPACITY= 1,520 V/C= 5.755
LINK AJ : VOLUME= 3,765 CAPACITY= 830 V/C= 4.536
LINK AK : VOLUME= 3,743 CAPACITY= 1,050 V/C= 3.565
LINK AL : VOLUME= 313 CAPACITY= 1,050 V/C= 0.298
LINK AM : VOLUME= 682 CAPACITY= 1,050 V/C= 0.650
LINK AN : VOLUME= 1,469 CAPACITY= 1,050 V/C= 1.399
LINK AO : VOLUME= 2,107 CAPACITY= 830 V/C= 2.539
LINK AP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK AQ : VOLUME= 50 CAPACITY= 1,050 V/C= 0.048
LINK AR : VOLUME= 50 CAPACITY= 1,050 V/C= 0.046
LINK AS : VOLUME= 1,124 CAPACITY= 830 V/C= 1.354
LINK AT : VOLUME= 255 CAPACITY= 830 V/C= 0.343
LINK AU : VOLUME= 1,947 CAPACITY= 1,520 V/C= 1.281
LINK AV : VOLUME= 18 CAPACITY= 830 V/C= 0.022

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMAHP, FTMAHF, FTMAHH, FTMAHO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME=	1,053	CAPACITY=	830	V/C= 1.268
LINK B :	VOLUME=	126	CAPACITY=	830	V/C= 0.152
LINK C :	VOLUME=	3,390	CAPACITY=	830	V/C= 4.084
LINK D :	VOLUME=	996	CAPACITY=	830	V/C= 1.200
LINK E :	VOLUME=	0	CAPACITY=	690	V/C= 0.000
LINK F :	VOLUME=	3,390	CAPACITY=	690	V/C= 4.913
LINK G :	VOLUME=	4,418	CAPACITY=	1,520	V/C= 2.907
LINK H :	VOLUME=	786	CAPACITY=	830	V/C= 0.947
LINK I :	VOLUME=	105	CAPACITY=	830	V/C= 0.127
LINK J :	VOLUME=	3,002	CAPACITY=	830	V/C= 3.617
LINK K :	VOLUME=	1,416	CAPACITY=	1,520	V/C= 0.932
LINK L :	VOLUME=	996	CAPACITY=	2,650	V/C= 0.376
LINK M :	VOLUME=	1,271	CAPACITY=	2,650	V/C= 0.480
LINK N :	VOLUME=	4,380	CAPACITY=	690	V/C= 6.348
LINK O :	VOLUME=	6,437	CAPACITY=	1,520	V/C= 4.235
LINK P :	VOLUME=	469	CAPACITY=	830	V/C= 0.564
LINK Q :	VOLUME=	2,073	CAPACITY=	830	V/C= 2.498
LINK R :	VOLUME=	2,747	CAPACITY=	830	V/C= 3.310
LINK S :	VOLUME=	2,099	CAPACITY=	1,520	V/C= 1.381
LINK T :	VOLUME=	2,072	CAPACITY=	830	V/C= 2.496
LINK U :	VOLUME=	404	CAPACITY=	830	V/C= 0.486
LINK V :	VOLUME=	4,588	CAPACITY=	2,650	V/C= 1.731
LINK W :	VOLUME=	4,440	CAPACITY=	2,650	V/C= 1.675
LINK X :	VOLUME=	2,826	CAPACITY=	2,650	V/C= 1.066
LINK Y :	VOLUME=	2,194	CAPACITY=	690	V/C= 3.180
LINK Z :	VOLUME=	10,117	CAPACITY=	1,520	V/C= 6.656
LINK AA :	VOLUME=	766	CAPACITY=	830	V/C= 0.922
LINK BB :	VOLUME=	924	CAPACITY=	830	V/C= 1.113
LINK CC :	VOLUME=	945	CAPACITY=	830	V/C= 1.139
LINK DD :	VOLUME=	181	CAPACITY=	830	V/C= 0.217
LINK EE :	VOLUME=	0	CAPACITY=	2,250	V/C= 0.000
LINK FF :	VOLUME=	2,552	CAPACITY=	2,250	V/C= 1.134
LINK GG :	VOLUME=	2,796	CAPACITY=	1,770	V/C= 1.580
LINK HH :	VOLUME=	4,581	CAPACITY=	830	V/C= 5.519
LINK II :	VOLUME=	5,684	CAPACITY=	830	V/C= 6.848
LINK JJ :	VOLUME=	4,506	CAPACITY=	2,250	V/C= 2.002
LINK KK :	VOLUME=	1,925	CAPACITY=	830	V/C= 2.319
LINK LL :	VOLUME=	1,597	CAPACITY=	830	V/C= 1.924
LINK MM :	VOLUME=	5,743	CAPACITY=	1,770	V/C= 3.244
LINK NN :	VOLUME=	419	CAPACITY=	830	V/C= 0.505
LINK OO :	VOLUME=	2,825	CAPACITY=	830	V/C= 3.401
LINK PP :	VOLUME=	3,055	CAPACITY=	830	V/C= 3.681
LINK QQ :	VOLUME=	7,923	CAPACITY=	1,520	V/C= 5.213
LINK RR :	VOLUME=	1,001	CAPACITY=	830	V/C= 1.206
LINK SS :	VOLUME=	1,834	CAPACITY=	830	V/C= 2.210
LINK TT :	VOLUME=	3,628	CAPACITY=	1,050	V/C= 3.455
LINK UU :	VOLUME=	1,401	CAPACITY=	1,050	V/C= 1.334

LINK VV :	VOLUME=	581	CAPACITY=	1,050	V/C= 0.553
LINK WW :	VOLUME=	1,084	CAPACITY=	1,050	V/C= 1.032
LINK XX :	VOLUME=	15	CAPACITY=	830	V/C= 0.019
LINK YY :	VOLUME=	12	CAPACITY=	1,050	V/C= 0.011
LINK ZZ :	VOLUME=	274	CAPACITY=	1,050	V/C= 0.261
LINK AB :	VOLUME=	45,622	CAPACITY=	5,360	V/C= 8.512
LINK AC :	VOLUME=	47,843	CAPACITY=	5,360	V/C= 8.927
LINK AD :	VOLUME=	49,253	CAPACITY=	5,360	V/C= 9.189
LINK AE :	VOLUME=	52,623	CAPACITY=	5,360	V/C= 9.818
LINK AF :	VOLUME=	61,579	CAPACITY=	3,570	V/C= %17.249
LINK AG :	VOLUME=	67,544	CAPACITY=	3,570	V/C= %18.920
LINK AH :	VOLUME=	1,313	CAPACITY=	830	V/C= 1.582
LINK AI :	VOLUME=	9,700	CAPACITY=	1,520	V/C= 6.382
LINK AJ :	VOLUME=	4,162	CAPACITY=	830	V/C= 5.014
LINK AK :	VOLUME=	4,135	CAPACITY=	1,050	V/C= 3.938
LINK AL :	VOLUME=	329	CAPACITY=	1,050	V/C= 0.313
LINK AM :	VOLUME=	695	CAPACITY=	1,050	V/C= 0.662
LINK AN :	VOLUME=	1,649	CAPACITY=	1,050	V/C= 1.570
LINK AO :	VOLUME=	2,294	CAPACITY=	830	V/C= 2.764
LINK AP :	VOLUME=	0	CAPACITY=	1,050	V/C= 0.000
LINK AQ :	VOLUME=	69	CAPACITY=	1,050	V/C= 0.066
LINK AR :	VOLUME=	69	CAPACITY=	1,050	V/C= 0.066
LINK AS :	VOLUME=	1,286	CAPACITY=	830	V/C= 1.549
LINK AT :	VOLUME=	338	CAPACITY=	830	V/C= 0.407
LINK AU :	VOLUME=	2,192	CAPACITY=	1,520	V/C= 1.442
LINK AV :	VOLUME=	22	CAPACITY=	830	V/C= 0.027

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMBLP, FTMBLF, FTMBLH, FTMBLO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

```
LINK  A : VOLUME=     975 CAPACITY=     830 V/C= 1.174
LINK  B : VOLUME=     117 CAPACITY=     830 V/C= 0.141
LINK  C : VOLUME=   3,202 CAPACITY=     830 V/C= 3.858
LINK  D : VOLUME=     982 CAPACITY=     830 V/C= 1.183
LINK  E : VOLUME=       0 CAPACITY=     690 V/C= 0.000
LINK  F : VOLUME=   3,202 CAPACITY=     690 V/C= 4.641
LINK  G : VOLUME=   4,318 CAPACITY=   1,520 V/C= 2.841
LINK  H : VOLUME=     753 CAPACITY=     830 V/C= 0.907
LINK  I : VOLUME=      72 CAPACITY=     830 V/C= 0.087
LINK  J : VOLUME=   2,899 CAPACITY=     830 V/C= 3.493
LINK  K : VOLUME=   1,419 CAPACITY=   1,520 V/C= 0.934
LINK  L : VOLUME=     982 CAPACITY=   2,650 V/C= 0.371
LINK  M : VOLUME=   2,846 CAPACITY=   2,650 V/C= 1.074
LINK  N : VOLUME=   7,244 CAPACITY=     690 V/C= *10.499
LINK  O : VOLUME=  10,190 CAPACITY=   1,520 V/C= 6.704
LINK  P : VOLUME=     434 CAPACITY=     830 V/C= 0.523
LINK  Q : VOLUME=   1,880 CAPACITY=     830 V/C= 2.265
LINK  R : VOLUME=   2,462 CAPACITY=     830 V/C= 2.990
LINK  S : VOLUME=   1,659 CAPACITY=   1,520 V/C= 1.091
LINK  T : VOLUME=   4,429 CAPACITY=     830 V/C= 5.336
LINK  U : VOLUME=     954 CAPACITY=     830 V/C= 1.149
LINK  V : VOLUME=   6,241 CAPACITY=   2,650 V/C= 2.355
LINK  W : VOLUME=   5,736 CAPACITY=   2,650 V/C= 2.165
LINK  X : VOLUME=   6,089 CAPACITY=   2,650 V/C= 2.296
LINK  Y : VOLUME=   3,783 CAPACITY=     690 V/C= 5.481
LINK  Z : VOLUME=  17,715 CAPACITY=   1,520 V/C= *11.655
LINK AA : VOLUME=   1,550 CAPACITY=     830 V/C= 1.867
LINK BB : VOLUME=   1,236 CAPACITY=     830 V/C= 1.489
LINK CC : VOLUME=     825 CAPACITY=     830 V/C= 0.994
LINK DD : VOLUME=     173 CAPACITY=     830 V/C= 0.208
LINK EE : VOLUME=       0 CAPACITY=   2,250 V/C= 0.000
LINK FF : VOLUME=   2,498 CAPACITY=   2,250 V/C= 1.110
LINK GG : VOLUME=   2,867 CAPACITY=   1,770 V/C= 1.631
LINK HH : VOLUME=   5,189 CAPACITY=     830 V/C= 6.252
LINK II : VOLUME=   6,443 CAPACITY=     830 V/C= 7.763
LINK JJ : VOLUME=   4,691 CAPACITY=   2,250 V/C= 2.085
LINK KK : VOLUME=   2,326 CAPACITY=     830 V/C= 2.802
LINK LL : VOLUME=   1,837 CAPACITY=     830 V/C= 2.213
LINK MM : VOLUME=   7,234 CAPACITY=   1,770 V/C= 4.087
LINK NN : VOLUME=   1,128 CAPACITY=     830 V/C= 1.358
LINK OO : VOLUME=   4,076 CAPACITY=     830 V/C= 4.911
LINK PP : VOLUME=   4,472 CAPACITY=     830 V/C= 5.388
LINK QQ : VOLUME=  13,947 CAPACITY=   1,520 V/C= 9.176
LINK RR : VOLUME=     963 CAPACITY=     830 V/C= 1.160
LINK SS : VOLUME=   2,216 CAPACITY=     830 V/C= 2.670
LINK TT : VOLUME=   4,167 CAPACITY=   1,050 V/C= 3.969
LINK UU : VOLUME=   1,389 CAPACITY=   1,050 V/C= 1.323

LINK VV : VOLUME=     516 CAPACITY=   1,050 V/C= 0.491
LINK WW : VOLUME=   1,135 CAPACITY=   1,050 V/C= 1.081
LINK XX : VOLUME=      18 CAPACITY=     830 V/C= 0.022
LINK YY : VOLUME=       9 CAPACITY=   1,050 V/C= 0.009
LINK ZZ : VOLUME=     269 CAPACITY=   1,050 V/C= 0.256
LINK AB : VOLUME=  60,020 CAPACITY=   5,360 V/C= *11.198
LINK AC : VOLUME=  62,798 CAPACITY=   5,360 V/C= *11.716
LINK AD : VOLUME=  64,669 CAPACITY=   5,360 V/C= *12.065
LINK AE : VOLUME=  71,236 CAPACITY=   5,360 V/C= *13.290
LINK AF : VOLUME=  75,214 CAPACITY=   3,570 V/C= *21.068
LINK AG : VOLUME=  85,152 CAPACITY=   3,570 V/C= *23.852
LINK AH : VOLUME=   1,271 CAPACITY=     830 V/C= 1.531
LINK AI : VOLUME=  16,710 CAPACITY=   1,520 V/C= *10.993
LINK AJ : VOLUME=   7,458 CAPACITY=     830 V/C= 8.986
LINK AK : VOLUME=   7,431 CAPACITY=   1,050 V/C= 7.077
LINK AL : VOLUME=     312 CAPACITY=   1,050 V/C= 0.297
LINK AM : VOLUME=     682 CAPACITY=   1,050 V/C= 0.650
LINK AN : VOLUME=   2,105 CAPACITY=   1,050 V/C= 2.005
LINK AO : VOLUME=   2,745 CAPACITY=     830 V/C= 3.307
LINK AP : VOLUME=       0 CAPACITY=   1,050 V/C= 0.000
LINK AQ : VOLUME=      50 CAPACITY=   1,050 V/C= 0.048
LINK AR : VOLUME=      50 CAPACITY=   1,050 V/C= 0.048
LINK AS : VOLUME=   1,442 CAPACITY=     830 V/C= 1.737
LINK AT : VOLUME=     355 CAPACITY=     830 V/C= 0.428
LINK AU : VOLUME=   3,291 CAPACITY=   1,520 V/C= 2.165
LINK AV : VOLUME=      22 CAPACITY=     830 V/C= 0.027
```

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMBHP, FTMBHP, FTMBHH, FTMBHO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 1,074 CAPACITY= 830 V/C= 1.293
LINK B : VOLUME= 126 CAPACITY= 830 V/C= 0.152
LINK C : VOLUME= 3,474 CAPACITY= 830 V/C= 4.186
LINK D : VOLUME= 1,080 CAPACITY= 830 V/C= 1.301
LINK E : VOLUME= 0 CAPACITY= 690 V/C= 0.000
LINK F : VOLUME= 3,474 CAPACITY= 690 V/C= 5.035
LINK G : VOLUME= 4,618 CAPACITY= 1,520 V/C= 3.038
LINK H : VOLUME= 815 CAPACITY= 830 V/C= 0.982
LINK I : VOLUME= 76 CAPACITY= 830 V/C= 0.092
LINK J : VOLUME= 3,099 CAPACITY= 830 V/C= 3.734
LINK K : VOLUME= 1,519 CAPACITY= 1,520 V/C= 0.999
LINK L : VOLUME= 1,080 CAPACITY= 2,650 V/C= 0.408
LINK M : VOLUME= 2,899 CAPACITY= 2,650 V/C= 1.094
LINK N : VOLUME= 7,558 CAPACITY= 690 V/C= %10.954
LINK O : VOLUME= 10,571 CAPACITY= 1,520 V/C= 6.955
LINK P : VOLUME= 469 CAPACITY= 830 V/C= 0.564
LINK Q : VOLUME= 2,073 CAPACITY= 830 V/C= 2.498
LINK R : VOLUME= 2,747 CAPACITY= 830 V/C= 3.310
LINK S : VOLUME= 1,781 CAPACITY= 1,520 V/C= 1.172
LINK T : VOLUME= 4,475 CAPACITY= 830 V/C= 5.392
LINK U : VOLUME= 970 CAPACITY= 830 V/C= 1.169
LINK V : VOLUME= 6,416 CAPACITY= 2,650 V/C= 2.421
LINK W : VOLUME= 5,846 CAPACITY= 2,650 V/C= 2.206
LINK X : VOLUME= 6,368 CAPACITY= 2,650 V/C= 2.403
LINK Y : VOLUME= 3,901 CAPACITY= 690 V/C= 5.654
LINK Z : VOLUME= 18,633 CAPACITY= 1,520 V/C= %12.259
LINK AA : VOLUME= 1,591 CAPACITY= 830 V/C= 1.917
LINK BB : VOLUME= 1,251 CAPACITY= 830 V/C= 1.507
LINK CC : VOLUME= 946 CAPACITY= 830 V/C= 1.140
LINK DD : VOLUME= 181 CAPACITY= 830 V/C= 0.217
LINK EE : VOLUME= 0 CAPACITY= 2,250 V/C= 0.000
LINK FF : VOLUME= 2,552 CAPACITY= 2,250 V/C= 1.134
LINK GG : VOLUME= 3,006 CAPACITY= 1,770 V/C= 1.698
LINK HH : VOLUME= 5,420 CAPACITY= 830 V/C= 6.530
LINK II : VOLUME= 6,736 CAPACITY= 830 V/C= 8.116
LINK JJ : VOLUME= 4,917 CAPACITY= 2,250 V/C= 2.185
LINK KK : VOLUME= 2,387 CAPACITY= 830 V/C= 2.876
LINK LL : VOLUME= 1,922 CAPACITY= 830 V/C= 2.316
LINK MM : VOLUME= 7,524 CAPACITY= 1,770 V/C= 4.251
LINK NN : VOLUME= 1,168 CAPACITY= 830 V/C= 1.407
LINK OO : VOLUME= 4,328 CAPACITY= 830 V/C= 5.214
LINK PP : VOLUME= 4,725 CAPACITY= 830 V/C= 5.693
LINK QQ : VOLUME= 14,732 CAPACITY= 1,520 V/C= 9.692
LINK RR : VOLUME= 1,051 CAPACITY= 830 V/C= 1.266
LINK SS : VOLUME= 2,381 CAPACITY= 830 V/C= 2.869
LINK TT : VOLUME= 4,415 CAPACITY= 1,050 V/C= 4.205
LINK UU : VOLUME= 1,423 CAPACITY= 1,050 V/C= 1.355

LINK VV : VOLUME= 556 CAPACITY= 1,050 V/C= 0.530
LINK WW : VOLUME= 1,168 CAPACITY= 1,050 V/C= 1.112
LINK XX : VOLUME= 19 CAPACITY= 830 V/C= 0.023
LINK YY : VOLUME= 12 CAPACITY= 1,050 V/C= 0.011
LINK ZZ : VOLUME= 274 CAPACITY= 1,050 V/C= 0.261
LINK AB : VOLUME= 67,720 CAPACITY= 5,360 V/C= %12.634
LINK AC : VOLUME= 70,712 CAPACITY= 5,360 V/C= %13.193
LINK AD : VOLUME= 72,721 CAPACITY= 5,360 V/C= %13.567
LINK AE : VOLUME= 79,672 CAPACITY= 5,360 V/C= %14.864
LINK AF : VOLUME= 90,826 CAPACITY= 3,570 V/C= %25.441
LINK AG : VOLUME= 101,386 CAPACITY= 3,570 V/C= %28.399
LINK AH : VOLUME= 1,312 CAPACITY= 830 V/C= 1.581
LINK AI : VOLUME= 17,655 CAPACITY= 1,520 V/C= %11.615
LINK AJ : VOLUME= 7,853 CAPACITY= 830 V/C= 9.461
LINK AK : VOLUME= 7,822 CAPACITY= 1,050 V/C= 7.450
LINK AL : VOLUME= 327 CAPACITY= 1,050 V/C= 0.311
LINK AM : VOLUME= 694 CAPACITY= 1,050 V/C= 0.661
LINK AN : VOLUME= 2,293 CAPACITY= 1,050 V/C= 2.184
LINK AO : VOLUME= 2,939 CAPACITY= 830 V/C= 3.541
LINK AP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK AQ : VOLUME= 69 CAPACITY= 1,050 V/C= 0.066
LINK AR : VOLUME= 69 CAPACITY= 1,050 V/C= 0.066
LINK AS : VOLUME= 1,604 CAPACITY= 830 V/C= 1.933
LINK AT : VOLUME= 407 CAPACITY= 830 V/C= 0.490
LINK AU : VOLUME= 3,536 CAPACITY= 1,520 V/C= 2.326
LINK AV : VOLUME= 26 CAPACITY= 830 V/C= 0.031

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMCLP, FTMCLF, FTMCLH, FTMCLO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 1,015 CAPACITY= 830 V/C= 1.222
LINK B : VOLUME= 117 CAPACITY= 830 V/C= 0.141
LINK C : VOLUME= 3,202 CAPACITY= 830 V/C= 3.858
LINK D : VOLUME= 982 CAPACITY= 830 V/C= 1.183
LINK E : VOLUME= 0 CAPACITY= 690 V/C= 0.000
LINK F : VOLUME= 3,202 CAPACITY= 690 V/C= 4.641
LINK G : VOLUME= 6,717 CAPACITY= 1,520 V/C= 4.419
LINK H : VOLUME= 752 CAPACITY= 830 V/C= 0.906
LINK I : VOLUME= 73 CAPACITY= 830 V/C= 0.088
LINK J : VOLUME= 5,222 CAPACITY= 830 V/C= 6.292
LINK K : VOLUME= 1,435 CAPACITY= 1,520 V/C= 0.944
LINK L : VOLUME= 982 CAPACITY= 2,650 V/C= 0.371
LINK M : VOLUME= 2,918 CAPACITY= 2,650 V/C= 1.101
LINK N : VOLUME= 9,566 CAPACITY= 690 V/C= %13.864
LINK O : VOLUME= 12,910 CAPACITY= 1,520 V/C= 8.493
LINK P : VOLUME= 434 CAPACITY= 830 V/C= 0.523
LINK Q : VOLUME= 1,880 CAPACITY= 830 V/C= 2.265
LINK R : VOLUME= 2,482 CAPACITY= 830 V/C= 2.990
LINK S : VOLUME= 1,659 CAPACITY= 1,520 V/C= 1.091
LINK T : VOLUME= 4,429 CAPACITY= 830 V/C= 5.336
LINK U : VOLUME= 1,105 CAPACITY= 830 V/C= 1.331
LINK V : VOLUME= 6,627 CAPACITY= 2,650 V/C= 2.501
LINK W : VOLUME= 6,317 CAPACITY= 2,650 V/C= 2.384
LINK X : VOLUME= 7,300 CAPACITY= 2,650 V/C= 2.755
LINK Y : VOLUME= 6,600 CAPACITY= 690 V/C= 9.612
LINK Z : VOLUME= 22,956 CAPACITY= 1,520 V/C= %15.103
LINK AA : VOLUME= 1,664 CAPACITY= 830 V/C= 2.005
LINK BB : VOLUME= 1,143 CAPACITY= 830 V/C= 1.377
LINK CC : VOLUME= 825 CAPACITY= 830 V/C= 0.994
LINK DD : VOLUME= 173 CAPACITY= 830 V/C= 0.208
LINK EE : VOLUME= 0 CAPACITY= 2,250 V/C= 0.000
LINK FF : VOLUME= 2,543 CAPACITY= 2,250 V/C= 1.130
LINK GG : VOLUME= 2,932 CAPACITY= 1,770 V/C= 1.656
LINK HH : VOLUME= 5,136 CAPACITY= 830 V/C= 6.188
LINK II : VOLUME= 6,543 CAPACITY= 830 V/C= 7.883
LINK JJ : VOLUME= 4,806 CAPACITY= 2,250 V/C= 2.136
LINK KK : VOLUME= 2,674 CAPACITY= 830 V/C= 3.222
LINK LL : VOLUME= 2,269 CAPACITY= 830 V/C= 2.734
LINK MM : VOLUME= 7,444 CAPACITY= 1,770 V/C= 4.206
LINK NN : VOLUME= 1,544 CAPACITY= 830 V/C= 1.860
LINK OO : VOLUME= 4,483 CAPACITY= 830 V/C= 5.401
LINK PP : VOLUME= 4,967 CAPACITY= 830 V/C= 5.984
LINK QQ : VOLUME= 16,324 CAPACITY= 1,520 V/C= %10.739
LINK RR : VOLUME= 1,390 CAPACITY= 830 V/C= 1.674
LINK SS : VOLUME= 3,198 CAPACITY= 830 V/C= 3.853
LINK TT : VOLUME= 4,644 CAPACITY= 1,050 V/C= 4.423
LINK UU : VOLUME= 1,355 CAPACITY= 1,050 V/C= 1.290

LINK VV : VOLUME= 548 CAPACITY= 1,050 V/C= 0.521
LINK WW : VOLUME= 1,126 CAPACITY= 1,050 V/C= 1.072
LINK XX : VOLUME= 32 CAPACITY= 830 V/C= 0.039
LINK YY : VOLUME= 17 CAPACITY= 1,050 V/C= 0.016
LINK ZZ : VOLUME= 221 CAPACITY= 1,050 V/C= 0.210
LINK AB : VOLUME= 88,675 CAPACITY= 5,360 V/C= %16.544
LINK AC : VOLUME= 91,964 CAPACITY= 5,360 V/C= %17.157
LINK AD : VOLUME= 94,585 CAPACITY= 5,360 V/C= %17.646
LINK AE : VOLUME= 103,701 CAPACITY= 5,360 V/C= %19.347
LINK AF : VOLUME= 120,103 CAPACITY= 3,570 V/C= %33.642
LINK AG : VOLUME= 133,345 CAPACITY= 3,570 V/C= %37.352
LINK AH : VOLUME= 1,271 CAPACITY= 830 V/C= 1.531
LINK AI : VOLUME= 21,822 CAPACITY= 1,520 V/C= %14.357
LINK AJ : VOLUME= 9,906 CAPACITY= 830 V/C= %11.935
LINK AK : VOLUME= 9,857 CAPACITY= 1,050 V/C= 9.388
LINK AL : VOLUME= 354 CAPACITY= 1,050 V/C= 0.337
LINK AM : VOLUME= 671 CAPACITY= 1,050 V/C= 0.639
LINK AN : VOLUME= 2,688 CAPACITY= 1,050 V/C= 2.560
LINK AO : VOLUME= 3,219 CAPACITY= 830 V/C= 3.878
LINK AP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK AQ : VOLUME= 187 CAPACITY= 1,050 V/C= 0.178
LINK AR : VOLUME= 187 CAPACITY= 1,050 V/C= 0.178
LINK AS : VOLUME= 1,442 CAPACITY= 830 V/C= 1.737
LINK AT : VOLUME= 363 CAPACITY= 830 V/C= 0.437
LINK AU : VOLUME= 3,594 CAPACITY= 1,520 V/C= 2.364
LINK AV : VOLUME= 36 CAPACITY= 830 V/C= 0.043

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMCHP, FTMCHF, FTMCHH, FTMCHO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 1,115 CAPACITY= 830 V/C= 1.343
LINK B : VOLUME= 126 CAPACITY= 830 V/C= 0.152
LINK C : VOLUME= 3,474 CAPACITY= 830 V/C= 4.186
LINK D : VOLUME= 1,080 CAPACITY= 830 V/C= 1.301
LINK E : VOLUME= 0 CAPACITY= 690 V/C= 0.000
LINK F : VOLUME= 3,474 CAPACITY= 690 V/C= 5.035
LINK G : VOLUME= 7,029 CAPACITY= 1,520 V/C= 4.624
LINK H : VOLUME= 815 CAPACITY= 830 V/C= 0.982
LINK I : VOLUME= 76 CAPACITY= 830 V/C= 0.092
LINK J : VOLUME= 5,430 CAPACITY= 830 V/C= 6.542
LINK K : VOLUME= 1,599 CAPACITY= 1,520 V/C= 1.052
LINK L : VOLUME= 1,080 CAPACITY= 2,650 V/C= 0.408
LINK M : VOLUME= 2,966 CAPACITY= 2,650 V/C= 1.119
LINK N : VOLUME= 9,889 CAPACITY= 690 V/C= %14.332
LINK O : VOLUME= 13,297 CAPACITY= 1,520 V/C= 8.748
LINK P : VOLUME= 469 CAPACITY= 830 V/C= 0.564
LINK Q : VOLUME= 2,073 CAPACITY= 830 V/C= 2.498
LINK R : VOLUME= 2,747 CAPACITY= 830 V/C= 3.310
LINK S : VOLUME= 1,781 CAPACITY= 1,520 V/C= 1.172
LINK T : VOLUME= 4,475 CAPACITY= 830 V/C= 5.392
LINK U : VOLUME= 1,122 CAPACITY= 830 V/C= 1.351
LINK V : VOLUME= 6,760 CAPACITY= 2,650 V/C= 2.551
LINK W : VOLUME= 6,474 CAPACITY= 2,650 V/C= 2.443
LINK X : VOLUME= 7,579 CAPACITY= 2,650 V/C= 2.860
LINK Y : VOLUME= 6,812 CAPACITY= 690 V/C= 9.872
LINK Z : VOLUME= 23,924 CAPACITY= 1,520 V/C= %15.739
LINK AA : VOLUME= 1,706 CAPACITY= 830 V/C= 2.055
LINK BB : VOLUME= 1,156 CAPACITY= 830 V/C= 1.393
LINK CC : VOLUME= 945 CAPACITY= 830 V/C= 1.139
LINK DD : VOLUME= 181 CAPACITY= 830 V/C= 0.217
LINK EE : VOLUME= 0 CAPACITY= 2,250 V/C= 0.000
LINK FF : VOLUME= 2,597 CAPACITY= 2,250 V/C= 1.154
LINK GG : VOLUME= 3,051 CAPACITY= 1,770 V/C= 1.724
LINK HH : VOLUME= 5,365 CAPACITY= 830 V/C= 6.464
LINK II : VOLUME= 6,832 CAPACITY= 830 V/C= 8.231
LINK JJ : VOLUME= 5,029 CAPACITY= 2,250 V/C= 2.235
LINK KK : VOLUME= 2,735 CAPACITY= 830 V/C= 3.295
LINK LL : VOLUME= 2,352 CAPACITY= 830 V/C= 2.834
LINK MM : VOLUME= 7,704 CAPACITY= 1,770 V/C= 4.352
LINK NN : VOLUME= 1,587 CAPACITY= 830 V/C= 1.912
LINK OO : VOLUME= 4,715 CAPACITY= 830 V/C= 5.681
LINK PP : VOLUME= 5,219 CAPACITY= 830 V/C= 6.288
LINK QQ : VOLUME= 17,112 CAPACITY= 1,520 V/C= %11.258
LINK RR : VOLUME= 1,456 CAPACITY= 830 V/C= 1.757
LINK SS : VOLUME= 3,339 CAPACITY= 830 V/C= 4.023
LINK TT : VOLUME= 4,893 CAPACITY= 1,050 V/C= 4.660
LINK UU : VOLUME= 1,396 CAPACITY= 1,050 V/C= 1.330

LINK VV : VOLUME= 582 CAPACITY= 1,050 V/C= 0.555
LINK WW : VOLUME= 1,163 CAPACITY= 1,050 V/C= 1.108
LINK XX : VOLUME= 34 CAPACITY= 830 V/C= 0.041
LINK YY : VOLUME= 21 CAPACITY= 1,050 V/C= 0.020
LINK ZZ : VOLUME= 222 CAPACITY= 1,050 V/C= 0.211
LINK AB : VOLUME= 98,607 CAPACITY= 5,360 V/C= %18.397
LINK AC : VOLUME= 102,104 CAPACITY= 5,360 V/C= %19.049
LINK AD : VOLUME= 104,867 CAPACITY= 5,360 V/C= %19.565
LINK AE : VOLUME= 114,366 CAPACITY= 5,360 V/C= %21.337
LINK AF : VOLUME= 135,423 CAPACITY= 3,570 V/C= %37.934
LINK AG : VOLUME= 149,290 CAPACITY= 3,570 V/C= %41.813
LINK AH : VOLUME= 1,312 CAPACITY= 830 V/C= 1.581
LINK AI : VOLUME= 22,766 CAPACITY= 1,520 V/C= %14.978
LINK AJ : VOLUME= 10,304 CAPACITY= 830 V/C= %12.414
LINK AK : VOLUME= 10,249 CAPACITY= 1,050 V/C= 9.761
LINK AL : VOLUME= 371 CAPACITY= 1,050 V/C= 0.353
LINK AM : VOLUME= 682 CAPACITY= 1,050 V/C= 0.650
LINK AN : VOLUME= 2,913 CAPACITY= 1,050 V/C= 2.774
LINK AO : VOLUME= 3,449 CAPACITY= 830 V/C= 4.155
LINK AP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK AQ : VOLUME= 188 CAPACITY= 1,050 V/C= 0.179
LINK AR : VOLUME= 188 CAPACITY= 1,050 V/C= 0.179
LINK AS : VOLUME= 1,604 CAPACITY= 830 V/C= 1.933
LINK AT : VOLUME= 416 CAPACITY= 830 V/C= 0.501
LINK AU : VOLUME= 3,839 CAPACITY= 1,520 V/C= 2.526
LINK AV : VOLUME= 41 CAPACITY= 830 V/C= 0.049

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMDLP, FTMDLP, FTMDLH, FTMDLO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME= 1,020 CAPACITY= 830 V/C= 1.228
LINK B : VOLUME= 117 CAPACITY= 830 V/C= 0.141
LINK C : VOLUME= 3,286 CAPACITY= 830 V/C= 3.959
LINK D : VOLUME= 1,066 CAPACITY= 830 V/C= 1.284
LINK E : VOLUME= 0 CAPACITY= 690 V/C= 0.000
LINK F : VOLUME= 3,286 CAPACITY= 690 V/C= 4.762
LINK G : VOLUME= 6,840 CAPACITY= 1,520 V/C= 4.500
LINK H : VOLUME= 753 CAPACITY= 830 V/C= 0.907
LINK I : VOLUME= 72 CAPACITY= 830 V/C= 0.087
LINK J : VOLUME= 5,262 CAPACITY= 830 V/C= 6.340
LINK K : VOLUME= 1,578 CAPACITY= 1,520 V/C= 1.038
LINK L : VOLUME= 1,066 CAPACITY= 2,650 V/C= 0.402
LINK M : VOLUME= 2,945 CAPACITY= 2,650 V/C= 1.111
LINK N : VOLUME= 9,607 CAPACITY= 690 V/C= %13.923
LINK O : VOLUME= 12,988 CAPACITY= 1,520 V/C= 8.545
LINK P : VOLUME= 434 CAPACITY= 830 V/C= 0.523
LINK Q : VOLUME= 1,880 CAPACITY= 830 V/C= 2.265
LINK R : VOLUME= 2,482 CAPACITY= 830 V/C= 2.990
LINK S : VOLUME= 1,659 CAPACITY= 1,520 V/C= 1.091
LINK T : VOLUME= 4,429 CAPACITY= 830 V/C= 5.336
LINK U : VOLUME= 1,105 CAPACITY= 830 V/C= 1.331
LINK V : VOLUME= 6,634 CAPACITY= 2,650 V/C= 2.503
LINK W : VOLUME= 6,324 CAPACITY= 2,650 V/C= 2.386
LINK X : VOLUME= 7,319 CAPACITY= 2,650 V/C= 2.762
LINK Y : VOLUME= 6,664 CAPACITY= 690 V/C= 9.657
LINK Z : VOLUME= 23,672 CAPACITY= 1,520 V/C= %15.574
LINK AA : VOLUME= 1,665 CAPACITY= 830 V/C= 2.005
LINK BB : VOLUME= 1,142 CAPACITY= 830 V/C= 1.376
LINK CC : VOLUME= 825 CAPACITY= 830 V/C= 0.994
LINK DD : VOLUME= 173 CAPACITY= 830 V/C= 0.208
LINK EE : VOLUME= 0 CAPACITY= 2,250 V/C= 0.000
LINK FF : VOLUME= 2,543 CAPACITY= 2,250 V/C= 1.130
LINK GG : VOLUME= 2,932 CAPACITY= 1,770 V/C= 1.656
LINK HH : VOLUME= 5,135 CAPACITY= 830 V/C= 6.187
LINK II : VOLUME= 7,061 CAPACITY= 830 V/C= 8.507
LINK JJ : VOLUME= 5,167 CAPACITY= 2,250 V/C= 2.296
LINK KK : VOLUME= 2,675 CAPACITY= 830 V/C= 3.222
LINK LL : VOLUME= 2,377 CAPACITY= 830 V/C= 2.864
LINK MM : VOLUME= 8,120 CAPACITY= 1,770 V/C= 4.587
LINK NN : VOLUME= 1,545 CAPACITY= 830 V/C= 1.861
LINK OO : VOLUME= 5,202 CAPACITY= 830 V/C= 6.267
LINK PP : VOLUME= 5,612 CAPACITY= 830 V/C= 6.761
LINK QQ : VOLUME= 16,988 CAPACITY= 1,520 V/C= %11.176
LINK RR : VOLUME= 1,463 CAPACITY= 830 V/C= 1.762
LINK SS : VOLUME= 3,380 CAPACITY= 830 V/C= 4.072
LINK TT : VOLUME= 5,645 CAPACITY= 1,050 V/C= 5.376
LINK UU : VOLUME= 2,097 CAPACITY= 1,050 V/C= 1.997

LINK VV : VOLUME= 576 CAPACITY= 1,05. V/C= 0.5[illegible]
LINK WW : VOLUME= 1,806 CAPACITY= 1,050 V/C= 1.714
LINK XX : VOLUME= 42 CAPACITY= 830 V/C= 0.051
LINK YY : VOLUME= 24 CAPACITY= 1,050 V/C= 0.023
LINK ZZ : VOLUME= 248 CAPACITY= 1,050 V/C= 0.236
LINK AB : VOLUME= 112,345 CAPACITY= 5,360 V/C= %20.960
LINK AC : VOLUME= 115,893 CAPACITY= 5,360 V/C= %21.622
LINK AD : VOLUME= 118,706 CAPACITY= 5,360 V/C= %22.147
LINK AE : VOLUME= 127,915 CAPACITY= 5,360 V/C= %23.865
LINK AF . VOLUME= 139,947 CAPACITY= 3,570 V/C= %39.201
LINK AG : VOLUME= 153,555 CAPACITY= 3,570 V/C= %43.013
LINK AH : VOLUME= 1,271 CAPACITY= 830 V/C= 1.531
LINK AI : VOLUME= 22,347 CAPACITY= 1,520 V/C= %14.702
LINK AJ : VOLUME= 10,118 CAPACITY= 830 V/C= %12.190
LINK AK : VOLUME= 10,052 CAPACITY= 1,050 V/C= 9.573
LINK AL : VOLUME= 431 CAPACITY= 1,050 V/C= 0.410
LINK AM : VOLUME= 744 CAPACITY= 1,050 V/C= 0.709
LINK AN : VOLUME= 3,315 CAPACITY= 1,050 V/C= 3.157
LINK AO : VOLUME= 3,909 CAPACITY= 830 V/C= 4.710
LINK AP : VOLUME= 0 CAPACITY= 1,050 V/C= 0.000
LINK AQ : VOLUME= 254 CAPACITY= 1,050 V/C= 0.242
LINK AR : VOLUME= 254 CAPACITY= 1,050 V/C= 0.242
LINK AS : VOLUME= 1,442 CAPACITY= 830 V/C= 1.737
LINK AT : VOLUME= 364 CAPACITY= 830 V/C= 0.439
LINK AU : VOLUME= 3,594 CAPACITY= 1,520 V/C= 2.364
LINK AV : VOLUME= 52 CAPACITY= 830 V/C= 0.063

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

MARTIN COUNTY, TREASURE COAST
TRIP TABLE = COMBINED - FTMDHP, FTMDHF, FTMDHH, FTMDHO

PATH TABLE = MAR - MARTIN COUNTY ZONE TO ZONE PATHS

LINK A : VOLUME=	1,120	CAPACITY=	830	V/C= 1.349
LINK B : VOLUME=	126	CAPACITY=	830	V/C= 0.152
LINK C : VOLUME=	3,558	CAPACITY=	830	V/C= 4.287
LINK D : VOLUME=	1,164	CAPACITY=	830	V/C= 1.402
LINK E : VOLUME=	0	CAPACITY=	690	V/C= 0.000
LINK F : VOLUME=	3,558	CAPACITY=	690	V/C= 5.157
LINK G : VOLUME=	7,116	CAPACITY=	1,520	V/C= 4.682
LINK H : VOLUME=	815	CAPACITY=	830	V/C= 0.982
LINK I : VOLUME=	76	CAPACITY=	830	V/C= 0.092
LINK J : VOLUME=	5,431	CAPACITY=	830	V/C= 6.543
LINK K : VOLUME=	1,685	CAPACITY=	1,520	V/C= 1.109
LINK L : VOLUME=	1,164	CAPACITY=	2,650	V/C= 0.439
LINK M : VOLUME=	2,990	CAPACITY=	2,650	V/C= 1.128
LINK N : VOLUME=	9,890	CAPACITY=	690	V/C= %14.333
LINK O : VOLUME=	13,324	CAPACITY=	1,520	V/C= 8.766
LINK P : VOLUME=	469	CAPACITY=	830	V/C= 0.564
LINK Q : VOLUME=	2,073	CAPACITY=	830	V/C= 2.498
LINK R : VOLUME=	2,747	CAPACITY=	830	V/C= 3.310
LINK S : VOLUME=	1,781	CAPACITY=	1,520	V/C= 1.172
LINK T : VOLUME=	4,475	CAPACITY=	830	V/C= 5.392
LINK U : VOLUME=	1,122	CAPACITY=	830	V/C= 1.351
LINK V : VOLUME=	6,765	CAPACITY=	2,650	V/C= 2.553
LINK W : VOLUME=	6,479	CAPACITY=	2,650	V/C= 2.445
LINK X : VOLUME=	7,593	CAPACITY=	2,650	V/C= 2.863
LINK Y : VOLUME=	6,823	CAPACITY=	690	V/C= 9.886
LINK Z : VOLUME=	24,565	CAPACITY=	1,520	V/C= %16.161
LINK AA : VOLUME=	1,706	CAPACITY=	830	V/C= 2.055
LINK BB : VOLUME=	1,156	CAPACITY=	830	V/C= 1.393
LINK CC : VOLUME=	945	CAPACITY=	830	V/C= 1.139
LINK DD : VOLUME=	181	CAPACITY=	830	V/C= 0.217
LINK EE : VOLUME=	0	CAPACITY=	2,250	V/C= 0.000
LINK FF : VOLUME=	2,583	CAPACITY=	2,250	V/C= 1.148
LINK GG : VOLUME=	3,037	CAPACITY=	1,770	V/C= 1.716
LINK HH : VOLUME=	5,365	CAPACITY=	830	V/C= 6.464
LINK II : VOLUME=	7,337	CAPACITY=	830	V/C= 8.840
LINK JJ : VOLUME=	5,391	CAPACITY=	2,250	V/C= 2.396
LINK KK : VOLUME=	2,736	CAPACITY=	830	V/C= 3.296
LINK LL : VOLUME=	2,483	CAPACITY=	830	V/C= 2.992
LINK MM : VOLUME=	8,356	CAPACITY=	1,770	V/C= 4.721
LINK NN : VOLUME=	1,586	CAPACITY=	830	V/C= 1.910
LINK OO : VOLUME=	5,412	CAPACITY=	830	V/C= 6.520
LINK PP : VOLUME=	5,842	CAPACITY=	830	V/C= 7.039
LINK QQ : VOLUME=	17,742	CAPACITY=	1,520	V/C= %11.672
LINK RR : VOLUME=	1,532	CAPACITY=	830	V/C= 1.846
LINK SS : VOLUME=	3,544	CAPACITY=	830	V/C= 4.270
LINK TT : VOLUME=	5,860	CAPACITY=	1,050	V/C= 5.600
LINK UU : VOLUME=	2,144	CAPACITY=	1,050	V/C= 2.042
LINK VV : VOLUME=	582	CAPACITY=	1,050	V/C= 0.554
LINK WW : VOLUME=	1,941	CAPACITY=	1,050	V/C= 1.848
LINK XX : VOLUME=	73	CAPACITY=	830	V/C= 0.088
LINK YY : VOLUME=	27	CAPACITY=	1,050	V/C= 0.026
LINK ZZ : VOLUME=	251	CAPACITY=	1,050	V/C= 0.239
LINK AB : VOLUME=	124,447	CAPACITY=	5,360	V/C= %23.218
LINK AC : VOLUME=	126,183	CAPACITY=	5,360	V/C= %23.915
LINK AD : VOLUME=	131,161	CAPACITY=	5,360	V/C= %24.470
LINK AE : VOLUME=	140,749	CAPACITY=	5,360	V/C= %26.259
LINK AF : VOLUME=	162,638	CAPACITY=	3,570	V/C= %45.557
LINK AG : VOLUME=	176,864	CAPACITY=	3,570	V/C= %49.542
LINK AH : VOLUME=	1,312	CAPACITY=	830	V/C= 1.581
LINK AI : VOLUME=	23,308	CAPACITY=	1,520	V/C= %15.334
LINK AJ : VOLUME=	10,536	CAPACITY=	830	V/C= %12.696
LINK AK : VOLUME=	10,438	CAPACITY=	1,050	V/C= 9.941
LINK AL : VOLUME=	448	CAPACITY=	1,050	V/C= 0.427
LINK AM : VOLUME=	755	CAPACITY=	1,050	V/C= 0.719
LINK AN : VOLUME=	3,532	CAPACITY=	1,050	V/C= 3.364
LINK AO : VOLUME=	4,133	CAPACITY=	830	V/C= 4.980
LINK AP : VOLUME=	0	CAPACITY=	1,050	V/C= 0.000
LINK AQ : VOLUME=	256	CAPACITY=	1,050	V/C= 0.244
LINK AR : VOLUME=	256	CAPACITY=	1,050	V/C= 0.244
LINK AS : VOLUME=	1,604	CAPACITY=	830	V/C= 1.933
LINK AT : VOLUME=	417	CAPACITY=	830	V/C= 0.502
LINK AU : VOLUME=	3,839	CAPACITY=	1,520	V/C= 2.526
LINK AV : VOLUME=	85	CAPACITY=	830	V/C= 0.102

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

PALM BCH COUNTY, S.E.FLA.
TRIP TABLE = COMBINED - FTPALF, FTPALP, FTPALO, FTPALH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME=	0	CAPACITY=	890	V/C= 0.000
LINK B :	VOLUME=	2,983	CAPACITY=	890	V/C= 3.351
LINK C :	VOLUME=	1,449	CAPACITY=	2,740	V/C= 0.529
LINK D :	VOLUME=	2,077	CAPACITY=	1,820	V/C= 1.141
LINK E :	VOLUME=	7,118	CAPACITY=	1,820	V/C= 3.911
LINK F :	VOLUME=	6,246	CAPACITY=	890	V/C= 7.017
LINK G :	VOLUME=	7,452	CAPACITY=	1,820	V/C= 4.095
LINK H :	VOLUME=	1,803	CAPACITY=	1,820	V/C= 0.990
LINK I :	VOLUME=	2,562	CAPACITY=	890	V/C= 2.878
LINK J :	VOLUME=	680	CAPACITY=	1,820	V/C= 0.374
LINK K :	VOLUME=	9,477	CAPACITY=	1,430	V/C= 6.627
LINK L :	VOLUME=	1,447	CAPACITY=	890	V/C= 1.626
LINK M :	VOLUME=	7,252	CAPACITY=	2,740	V/C= 2.647
LINK N :	VOLUME=	6,340	CAPACITY=	2,740	V/C= 2.314
LINK O :	VOLUME=	568	CAPACITY=	890	V/C= 0.638
LINK P :	VOLUME=	39,984	CAPACITY=	4,970	V/C= 8.045
LINK Q :	VOLUME=	49,450	CAPACITY=	3,310	V/C= %14.940
LINK R :	VOLUME=	35,822	CAPACITY=	4,970	V/C= 7.208
LINK S :	VOLUME=	47,289	CAPACITY=	3,310	V/C= %14.287
LINK T :	VOLUME=	6,666	CAPACITY=	2,740	V/C= 2.433
LINK U :	VOLUME=	35,142	CAPACITY=	4,970	V/C= 7.071
LINK V :	VOLUME=	2,573	CAPACITY=	1,820	V/C= 1.413
LINK W :	VOLUME=	3,769	CAPACITY=	1,820	V/C= 2.071
LINK X :	VOLUME=	3,769	CAPACITY=	1,820	V/C= 2.071
LINK Y :	VOLUME=	4,889	CAPACITY=	890	V/C= 5.493
LINK Z :	VOLUME=	2,478	CAPACITY=	890	V/C= 2.784
LINK AA :	VOLUME=	7,874	CAPACITY=	2,740	V/C= 2.874
LINK BB :	VOLUME=	6,968	CAPACITY=	1,820	V/C= 3.828
LINK CC :	VOLUME=	621	CAPACITY=	890	V/C= 0.698
LINK DD :	VOLUME=	2,478	CAPACITY=	1,820	V/C= 1.362
LINK EE :	VOLUME=	2,109	CAPACITY=	1,820	V/C= 1.159
LINK FF :	VOLUME=	2,614	CAPACITY=	1,820	V/C= 1.436
LINK GG :	VOLUME=	1,530	CAPACITY=	1,820	V/C= 0.840
LINK HH :	VOLUME=	36,056	CAPACITY=	4,970	V/C= 7.255
LINK II :	VOLUME=	249	CAPACITY=	1,820	V/C= 0.137
LINK JJ :	VOLUME=	870	CAPACITY=	890	V/C= 0.978
LINK KK :	VOLUME=	1,438	CAPACITY=	890	V/C= 1.616
LINK LL :	VOLUME=	44,618	CAPACITY=	3,310	V/C= %13.480
LINK MM :	VOLUME=	249	CAPACITY=	1,820	V/C= 0.137
LINK NN :	VOLUME=	35,371	CAPACITY=	4,970	V/C= 7.117
LINK OO :	VOLUME=	2,758	CAPACITY=	1,820	V/C= 1.515
LINK PP :	VOLUME=	2,803	CAPACITY=	1,430	V/C= 1.960
LINK QQ :	VOLUME=	2,273	CAPACITY=	2,200	V/C= 1.033
LINK RR :	VOLUME=	1,477	CAPACITY=	1,430	V/C= 1.033
LINK SS :	VOLUME=	34,664	CAPACITY=	4,690	V/C= 7.391
LINK TT :	VOLUME=	1,732	CAPACITY=	1,430	V/C= 1.211
LINK UU :	VOLUME=	1,455	CAPACITY=	1,430	V/C= 1.017
LINK VV :	VOLUME=	0	CAPACITY=	1,430	V/C= 0.000
LINK WW :	VOLUME=	1,455	CAPACITY=	1,430	V/C= 1.017
LINK XX :	VOLUME=	2,118	CAPACITY=	1,430	V/C= 1.481
LINK YY :	VOLUME=	2,864	CAPACITY=	1,430	V/C= 2.003
LINK ZZ :	VOLUME=	3,135	CAPACITY=	1,430	V/C= 2.192

```
LINK AB : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK AC : VOLUME=   3,095 CAPACITY=     670 V/C= 4.619
LINK AD : VOLUME=     621 CAPACITY=   2,200 V/C= 0.282
LINK AE : VOLUME=   3,818 CAPACITY=   1,430 V/C= 2.670
LINK AF : VOLUME=   3,818 CAPACITY=   1,430 V/C= 2.670
LINK AG : VOLUME=  35,233 CAPACITY=   4,690 V/C= 7.512
LINK AH : VOLUME=   4,053 CAPACITY=   1,430 V/C= 2.834
LINK AI : VOLUME=   2,643 CAPACITY=   1,430 V/C= 1.848
LINK AJ : VOLUME=   2,455 CAPACITY=   2,200 V/C= 1.116
LINK AK : VOLUME=   5,921 CAPACITY=   1,820 V/C= 3.253
LINK AL : VOLUME=   2,433 CAPACITY=   1,820 V/C= 1.337
LINK AM : VOLUME=  42,581 CAPACITY=   3,130 V/C= %13.604
LINK AN : VOLUME=   4,279 CAPACITY=   2,200 V/C= 1.945
LINK AO : VOLUME=       5 CAPACITY=   1,430 V/C= 0.003
LINK AP : VOLUME=  33,590 CAPACITY=   4,690 V/C= 7.162
LINK AQ : VOLUME=   1,321 CAPACITY=   1,430 V/C= 0.924
LINK AR : VOLUME=     219 CAPACITY=     670 V/C= 0.327
LINK AS : VOLUME=   1,340 CAPACITY=   1,430 V/C= 0.937
LINK AT : VOLUME=   1,812 CAPACITY=   1,430 V/C= 1.267
LINK AU : VOLUME=  33,571 CAPACITY=   4,690 V/C= 7.158
LINK AV : VOLUME=   4,275 CAPACITY=   2,200 V/C= 1.943
LINK AW : VOLUME=   6,892 CAPACITY=   1,430 V/C= 4.820
LINK AX : VOLUME=   6,892 CAPACITY=   2,200 V/C= 3.133
LINK AY : VOLUME=   3,771 CAPACITY=   1,430 V/C= 2.637
LINK AZ : VOLUME=  31,759 CAPACITY=   4,690 V/C= 6.772
LINK BC : VOLUME=   4,997 CAPACITY=   1,430 V/C= 3.494
LINK BD : VOLUME=   7,193 CAPACITY=   1,430 V/C= 5.030
LINK BE : VOLUME=   4,274 CAPACITY=   1,430 V/C= 2.989
LINK BF : VOLUME=   1,776 CAPACITY=     890 V/C= 1.996
LINK BG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BH : VOLUME=     924 CAPACITY=   1,430 V/C= 0.646
LINK BI : VOLUME=   3,131 CAPACITY=     670 V/C= 4.672
LINK BJ : VOLUME=   1,103 CAPACITY=     670 V/C= 1.646
LINK BK : VOLUME=   1,730 CAPACITY=   1,430 V/C= 1.209
LINK BL : VOLUME=     916 CAPACITY=     670 V/C= 1.367
LINK BM : VOLUME=   2,070 CAPACITY=   1,430 V/C= 1.448
LINK BN : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BO : VOLUME=     375 CAPACITY=   1,430 V/C= 0.262
LINK BP : VOLUME=  30,335 CAPACITY=   4,690 V/C= 6.468
LINK BQ : VOLUME=   3,021 CAPACITY=     890 V/C= 3.394
LINK BR : VOLUME=   2,865 CAPACITY=     890 V/C= 3.219
LINK BS : VOLUME=  40,195 CAPACITY=   3,130 V/C= %12.842
LINK BT : VOLUME=   1,103 CAPACITY=   1,430 V/C= 0.771
LINK BU : VOLUME=   1,339 CAPACITY=   1,430 V/C= 0.936
LINK BV : VOLUME=   1,422 CAPACITY=   2,200 V/C= 0.647
LINK BW : VOLUME=   2,476 CAPACITY=   2,200 V/C= 1.126
LINK BX : VOLUME=   1,737 CAPACITY=     890 V/C= 1.952
LINK BY : VOLUME=   1,337 CAPACITY=     890 V/C= 1.503
LINK BZ : VOLUME=  30,197 CAPACITY=   4,690 V/C= 6.439
LINK CD : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CE : VOLUME=     431 CAPACITY=   1,430 V/C= 0.302
LINK CF : VOLUME=     639 CAPACITY=     670 V/C= 0.954
LINK CG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CH : VOLUME=   1,139 CAPACITY=   1,430 V/C= 0.797
LINK CI : VOLUME=  29,717 CAPACITY=   4,690 V/C= 6.336
LINK CJ : VOLUME=     819 CAPACITY=     670 V/C= 1.222
LINK CK : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CL : VOLUME=   1,459 CAPACITY=   2,200 V/C= 0.663
LINK CM : VOLUME=     852 CAPACITY=   1,430 V/C= 0.596
LINK CN : VOLUME=   1,200 CAPACITY=     670 V/C= 1.790
```

```
LINK CO : VOLUME=   2,084 CAPACITY=   1,430 V/C= 1.457
LINK CP : VOLUME=   3,874 CAPACITY=   1,430 V/C= 2.709
LINK CQ : VOLUME=   2,504 CAPACITY=   1,430 V/C= 1.751
LINK CR : VOLUME=  39,043 CAPACITY=   3,130 V/C= %12.474
LINK CS : VOLUME=   1,388 CAPACITY=   1,820 V/C= 0.763
LINK CT : VOLUME=   1,020 CAPACITY=   1,820 V/C= 0.560
LINK CU : VOLUME=  30,422 CAPACITY=   4,690 V/C= 6.487
LINK CV : VOLUME=     918 CAPACITY=   2,200 V/C= 0.417
LINK CW : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CX : VOLUME=   2,862 CAPACITY=   1,430 V/C= 2.001
LINK CY : VOLUME=     115 CAPACITY=     670 V/C= 0.171
LINK CZ : VOLUME=   1,217 CAPACITY=   1,430 V/C= 0.851
LINK DE : VOLUME=   2,869 CAPACITY=   2,200 V/C= 1.304
LINK DF : VOLUME=     189 CAPACITY=   2,200 V/C= 0.086
LINK DG : VOLUME=  29,125 CAPACITY=   4,690 V/C= 6.210
LINK DH : VOLUME=   1,336 CAPACITY=   2,200 V/C= 0.607
LINK DI : VOLUME=     180 CAPACITY=   1,430 V/C= 0.126
LINK DJ : VOLUME=   2,633 CAPACITY=   1,430 V/C= 1.841
LINK DK : VOLUME=   2,868 CAPACITY=   1,430 V/C= 2.006
LINK DL : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK DM : VOLUME=   1,056 CAPACITY=   1,430 V/C= 0.738
LINK DN : VOLUME=  28,487 CAPACITY=   6,260 V/C= 4.551
LINK DO : VOLUME=   1,020 CAPACITY=   1,430 V/C= 0.713
LINK DP : VOLUME=   3,061 CAPACITY=   1,430 V/C= 2.141
LINK DQ : VOLUME=   2,979 CAPACITY=   2,200 V/C= 1.354
LINK DR : VOLUME=   2,132 CAPACITY=   2,200 V/C= 0.969
LINK DS : VOLUME=   4,738 CAPACITY=   2,200 V/C= 2.154
LINK DT : VOLUME=   3,785 CAPACITY=   1,430 V/C= 2.647
LINK DU : VOLUME=   2,138 CAPACITY=   1,820 V/C= 1.175
LINK DV : VOLUME=   4,053 CAPACITY=   1,430 V/C= 2.834
LINK DW : VOLUME=   4,135 CAPACITY=   1,430 V/C= 2.891
LINK DX : VOLUME=   3,904 CAPACITY=   1,430 V/C= 2.730
LINK DY : VOLUME=  30,904 CAPACITY=   6,260 V/C= 4.937
LINK DZ : VOLUME=  35,000 CAPACITY=   4,970 V/C= 7.042
LINK EF : VOLUME=     611 CAPACITY=     670 V/C= 0.912
LINK EG : VOLUME=   3,442 CAPACITY=     670 V/C= 5.137
LINK EH : VOLUME=   2,831 CAPACITY=   1,430 V/C= 1.979
LINK EI : VOLUME=   2,831 CAPACITY=   1,430 V/C= 1.979
LINK EJ : VOLUME=   2,831 CAPACITY=   1,430 V/C= 1.979
LINK EK : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK EL : VOLUME=  27,000 CAPACITY=   6,260 V/C= 4.313
LINK EM : VOLUME=   2,433 CAPACITY=     890 V/C= 2.734
LINK EN : VOLUME=   2,433 CAPACITY=     890 V/C= 2.734
LINK EO : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK EP : VOLUME=      50 CAPACITY=     890 V/C= 0.056
LINK EQ : VOLUME=      50 CAPACITY=     890 V/C= 0.056
LINK ER : VOLUME=   2,483 CAPACITY=     890 V/C= 2.790
LINK ES : VOLUME=   1,231 CAPACITY=     890 V/C= 1.383
LINK ET : VOLUME=   2,450 CAPACITY=     890 V/C= 2.753
LINK EU : VOLUME=   3,681 CAPACITY=     890 V/C= 4.136
LINK EV : VOLUME=   2,005 CAPACITY=   1,820 V/C= 1.101
LINK EW : VOLUME=     850 CAPACITY=   2,200 V/C= 0.386
LINK EX : VOLUME=   1,354 CAPACITY=   2,200 V/C= 0.616
LINK EY : VOLUME=  36,792 CAPACITY=   4,690 V/C= 7.845
LINK EZ : VOLUME=   1,214 CAPACITY=   2,740 V/C= 0.443
LINK FG : VOLUME=   3,152 CAPACITY=   1,430 V/C= 2.204
LINK FH : VOLUME=     829 CAPACITY=   1,430 V/C= 0.580
LINK FI : VOLUME=      24 CAPACITY=   1,430 V/C= 0.016
```

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

PALM BCH COUNTY, S.E.FLA.
TRIP TABLE = COMBINED - FTPAHF, FTPAHP, FTPAHO, FTPAHH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME=	0	CAPACITY=	890	V/C= 0.000
LINK B :	VOLUME=	3,295	CAPACITY=	890	V/C= 3.702
LINK C :	VOLUME=	1,480	CAPACITY=	2,740	V/C= 0.540
LINK D :	VOLUME=	2,140	CAPACITY=	1,820	V/C= 1.176
LINK E :	VOLUME=	7,444	CAPACITY=	1,820	V/C= 4.090
LINK F :	VOLUME=	7,061	CAPACITY=	890	V/C= 7.933
LINK G :	VOLUME=	7,860	CAPACITY=	1,820	V/C= 4.319
LINK H :	VOLUME=	1,724	CAPACITY=	1,820	V/C= 0.947
LINK I :	VOLUME=	2,714	CAPACITY=	890	V/C= 3.049
LINK J :	VOLUME=	751	CAPACITY=	1,820	V/C= 0.413
LINK K :	VOLUME=	10,414	CAPACITY=	1,430	V/C= 7.282
LINK L :	VOLUME=	1,476	CAPACITY=	890	V/C= 1.658
LINK M :	VOLUME=	8,100	CAPACITY=	2,740	V/C= 2.956
LINK N :	VOLUME=	7,024	CAPACITY=	2,740	V/C= 2.564
LINK O :	VOLUME=	623	CAPACITY=	890	V/C= 0.700
LINK P :	VOLUME=	46,822	CAPACITY=	4,970	V/C= 9.421
LINK Q :	VOLUME=	63,579	CAPACITY=	3,310	V/C= %19.208
LINK R :	VOLUME=	42,184	CAPACITY=	4,970	V/C= 8.488
LINK S :	VOLUME=	61,057	CAPACITY=	3,310	V/C= %18.446
LINK T :	VOLUME=	7,538	CAPACITY=	2,740	V/C= 2.751
LINK U :	VOLUME=	41,433	CAPACITY=	4,970	V/C= 8.337
LINK V :	VOLUME=	2,511	CAPACITY=	1,820	V/C= 1.379
LINK W :	VOLUME=	3,407	CAPACITY=	1,820	V/C= 1.872
LINK X :	VOLUME=	3,407	CAPACITY=	1,820	V/C= 1.872
LINK Y :	VOLUME=	5,916	CAPACITY=	890	V/C= 6.647
LINK Z :	VOLUME=	2,279	CAPACITY=	890	V/C= 2.561
LINK AA :	VOLUME=	8,382	CAPACITY=	2,740	V/C= 3.059
LINK BB :	VOLUME=	7,783	CAPACITY=	1,820	V/C= 4.276
LINK CC :	VOLUME=	729	CAPACITY=	890	V/C= 0.819
LINK DD :	VOLUME=	2,279	CAPACITY=	1,820	V/C= 1.252
LINK EE :	VOLUME=	2,007	CAPACITY=	1,820	V/C= 1.103
LINK FF :	VOLUME=	1,981	CAPACITY=	1,820	V/C= 1.088
LINK GG :	VOLUME=	1,813	CAPACITY=	1,820	V/C= 0.996
LINK HH :	VOLUME=	41,687	CAPACITY=	4,970	V/C= 8.388
LINK II :	VOLUME=	261	CAPACITY=	1,820	V/C= 0.143
LINK JJ :	VOLUME=	990	CAPACITY=	890	V/C= 1.112
LINK KK :	VOLUME=	1,613	CAPACITY=	890	V/C= 1.812
LINK LL :	VOLUME=	58,068	CAPACITY=	3,310	V/C= %17.543
LINK MM :	VOLUME=	261	CAPACITY=	1,820	V/C= 0.143
LINK NN :	VOLUME=	40,478	CAPACITY=	4,970	V/C= 8.144
LINK OO :	VOLUME=	3,164	CAPACITY=	1,820	V/C= 1.738
LINK PP :	VOLUME=	3,104	CAPACITY=	1,430	V/C= 2.170
LINK QQ :	VOLUME=	1,935	CAPACITY=	2,200	V/C= 0.879
LINK RR :	VOLUME=	1,460	CAPACITY=	1,430	V/C= 1.021
LINK SS :	VOLUME=	40,341	CAPACITY=	4,690	V/C= 8.601
LINK TT :	VOLUME=	1,917	CAPACITY=	1,430	V/C= 1.341
LINK UU :	VOLUME=	1,530	CAPACITY=	1,430	V/C= 1.070
LINK VV :	VOLUME=	0	CAPACITY=	1,430	V/C= 0.000
LINK WW :	VOLUME=	1,530	CAPACITY=	1,430	V/C= 1.070
LINK XX :	VOLUME=	2,352	CAPACITY=	1,430	V/C= 1.644
LINK YY :	VOLUME=	3,171	CAPACITY=	1,430	V/C= 2.217
LINK ZZ :	VOLUME=	3,325	CAPACITY=	1,430	V/C= 2.325
LINK AB :	VOLUME=	0	CAPACITY=	670	V/C= 0.000
LINK AC :	VOLUME=	3,378	CAPACITY=	670	V/C= 5.042

```
LINK AD : VOLUME=     634 CAPACITY=   2,200 V/C= 0.288
LINK AE : VOLUME=   4,157 CAPACITY=   1,430 V/C= 2.907
LINK AF : VOLUME=   4,157 CAPACITY=   1,430 V/C= 2.907
LINK AG : VOLUME=  41,124 CAPACITY=   4,690 V/C= 8.769
LINK AH : VOLUME=   3,926 CAPACITY=   1,430 V/C= 2.745
LINK AI : VOLUME=   2,763 CAPACITY=   1,430 V/C= 1.932
LINK AJ : VOLUME=   2,793 CAPACITY=   2,200 V/C= 1.269
LINK AK : VOLUME=   6,115 CAPACITY=   1,820 V/C= 3.360
LINK AL : VOLUME=   2,588 CAPACITY=   1,820 V/C= 1.422
LINK AM : VOLUME=  55,799 CAPACITY=   3,130 V/C= %17.827
LINK AN : VOLUME=   4,689 CAPACITY=   2,200 V/C= 2.131
LINK AO : VOLUME=       5 CAPACITY=   1,430 V/C= 0.003
LINK AP : VOLUME=  39,669 CAPACITY=   4,690 V/C= 8.458
LINK AQ : VOLUME=   1,375 CAPACITY=   1,430 V/C= 0.962
LINK AR : VOLUME=     227 CAPACITY=     670 V/C= 0.339
LINK AS : VOLUME=   1,357 CAPACITY=   1,430 V/C= 0.949
LINK AT : VOLUME=   2,107 CAPACITY=   1,430 V/C= 1.473
LINK AU : VOLUME=  39,650 CAPACITY=   4,690 V/C= 8.454
LINK AV : VOLUME=   4,685 CAPACITY=   2,200 V/C= 2.129
LINK AW : VOLUME=   7,588 CAPACITY=   1,430 V/C= 5.306
LINK AX : VOLUME=   7,588 CAPACITY=   2,200 V/C= 3.449
LINK AY : VOLUME=   4,272 CAPACITY=   1,430 V/C= 2.987
LINK AZ : VOLUME=  37,543 CAPACITY=   4,690 V/C= 8.005
LINK BC : VOLUME=   5,299 CAPACITY=   1,430 V/C= 3.706
LINK BD : VOLUME=   7,809 CAPACITY=   1,430 V/C= 5.461
LINK BE : VOLUME=   4,540 CAPACITY=   1,430 V/C= 3.175
LINK BF : VOLUME=   1,803 CAPACITY=     890 V/C= 2.026
LINK BG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BH : VOLUME=     988 CAPACITY=   1,430 V/C= 0.691
LINK BI : VOLUME=   3,119 CAPACITY=     670 V/C= 4.654
LINK BJ : VOLUME=   1,211 CAPACITY=     670 V/C= 1.807
LINK BK : VOLUME=   1,779 CAPACITY=   1,430 V/C= 1.244
LINK BL : VOLUME=     959 CAPACITY=     670 V/C= 1.431
LINK BM : VOLUME=   2,107 CAPACITY=   1,430 V/C= 1.473
LINK BN : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BO : VOLUME=     493 CAPACITY=   1,430 V/C= 0.345
LINK BP : VOLUME=  36,136 CAPACITY=   4,690 V/C= 7.705
LINK BQ : VOLUME=   3,093 CAPACITY=     890 V/C= 3.475
LINK BR : VOLUME=   2,886 CAPACITY=     890 V/C= 3.242
LINK BS : VOLUME=  53,162 CAPACITY=   3,130 V/C= %16.985
LINK BT : VOLUME=   1,211 CAPACITY=   1,430 V/C= 0.847
LINK BU : VOLUME=   1,343 CAPACITY=   1,430 V/C= 0.939
LINK BV : VOLUME=   1,464 CAPACITY=   2,200 V/C= 0.665
LINK BW : VOLUME=   2,510 CAPACITY=   2,200 V/C= 1.141
LINK BX : VOLUME=   1,755 CAPACITY=     890 V/C= 1.972
LINK BY : VOLUME=   1,376 CAPACITY=     890 V/C= 1.547
LINK BZ : VOLUME=  35,821 CAPACITY=   4,690 V/C= 7.638
LINK CD : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CE : VOLUME=     659 CAPACITY=   1,430 V/C= 0.461
LINK CF : VOLUME=     706 CAPACITY=     670 V/C= 1.054
LINK CG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CH : VOLUME=   1,358 CAPACITY=   1,430 V/C= 0.950
LINK CI : VOLUME=  35,637 CAPACITY=   4,690 V/C= 7.599
LINK CJ : VOLUME=     895 CAPACITY=     670 V/C= 1.336
LINK CK : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CL : VOLUME=   1,596 CAPACITY=   2,200 V/C= 0.725
LINK CM : VOLUME=     942 CAPACITY=   1,430 V/C= 0.658
LINK CN : VOLUME=   1,296 CAPACITY=     670 V/C= 1.934
LINK CO : VOLUME=   2,651 CAPACITY=   1,430 V/C= 1.853
LINK CP : VOLUME=   4,508 CAPACITY=   1,430 V/C= 3.153
```

LINK CQ : VOLUME= 2,608 CAPACITY= 1,430 V/C= 1.824
LINK CR : VOLUME= 51,476 CAPACITY= 3,130 V/C= %16.446
LINK CS : VOLUME= 1,430 CAPACITY= 1,820 V/C= 0.786
LINK CT : VOLUME= 1,043 CAPACITY= 1,820 V/C= 0.573
LINK CU : VOLUME= 36,684 CAPACITY= 4,690 V/C= 7.822
LINK CV : VOLUME= 969 CAPACITY= 2,200 V/C= 0.440
LINK CW : VOLUME= 0 CAPACITY= 670 V/C= 0.000
LINK CX : VOLUME= 3,192 CAPACITY= 1,430 V/C= 2.232
LINK CY : VOLUME= 138 CAPACITY= 670 V/C= 0.206
LINK CZ : VOLUME= 1,341 CAPACITY= 1,430 V/C= 0.937
LINK DE : VOLUME= 3,294 CAPACITY= 2,200 V/C= 1.497
LINK DF : VOLUME= 198 CAPACITY= 2,200 V/C= 0.090
LINK DG : VOLUME= 34,820 CAPACITY= 4,690 V/C= 7.424
LINK DH : VOLUME= 1,541 CAPACITY= 2,200 V/C= 0.700
LINK DI : VOLUME= 189 CAPACITY= 1,430 V/C= 0.132
LINK DJ : VOLUME= 2,916 CAPACITY= 1,430 V/C= 2.039
LINK DK : VOLUME= 3,173 CAPACITY= 1,430 V/C= 2.219
LINK DL : VOLUME= 0 CAPACITY= 670 V/C= 0.000
LINK DM : VOLUME= 1,023 CAPACITY= 1,430 V/C= 0.715
LINK DN : VOLUME= 33,891 CAPACITY= 6,260 V/C= 5.414
LINK DO : VOLUME= 1,043 CAPACITY= 1,430 V/C= 0.729
LINK DP : VOLUME= 3,328 CAPACITY= 1,430 V/C= 2.327
LINK DQ : VOLUME= 3,150 CAPACITY= 2,200 V/C= 1.432
LINK DR : VOLUME= 2,361 CAPACITY= 2,200 V/C= 1.073
LINK DS : VOLUME= 5,087 CAPACITY= 2,200 V/C= 2.312
LINK DT : VOLUME= 4,098 CAPACITY= 1,430 V/C= 2.866
LINK DU : VOLUME= 1,896 CAPACITY= 1,820 V/C= 1.042
LINK DV : VOLUME= 4,368 CAPACITY= 1,430 V/C= 3.055
LINK DW : VOLUME= 4,481 CAPACITY= 1,430 V/C= 3.134
LINK DX : VOLUME= 4,149 CAPACITY= 1,430 V/C= 2.901
LINK DY : VOLUME= 36,649 CAPACITY= 6,260 V/C= 5.854
LINK DZ : VOLUME= 47,300 CAPACITY= 4,970 V/C= 9.517
LINK EF : VOLUME= 687 CAPACITY= 670 V/C= 1.025
LINK EG : VOLUME= 3,682 CAPACITY= 670 V/C= 5.495
LINK EH : VOLUME= 2,995 CAPACITY= 1,430 V/C= 2.094
LINK EI : VOLUME= 2,995 CAPACITY= 1,430 V/C= 2.094
LINK EJ : VOLUME= 2,995 CAPACITY= 1,430 V/C= 2.094
LINK EK : VOLUME= 0 CAPACITY= 1,430 V/C= 0.000
LINK EL : VOLUME= 32,500 CAPACITY= 6,260 V/C= 5.192
LINK EM : VOLUME= 2,588 CAPACITY= 890 V/C= 2.908
LINK EN : VOLUME= 2,588 CAPACITY= 890 V/C= 2.908
LINK EO : VOLUME= 0 CAPACITY= 890 V/C= 0.000
LINK EP : VOLUME= 69 CAPACITY= 890 V/C= 0.078
LINK EQ : VOLUME= 69 CAPACITY= 890 V/C= 0.078
LINK ER : VOLUME= 2,657 CAPACITY= 890 V/C= 2.985
LINK ES : VOLUME= 1,363 CAPACITY= 890 V/C= 1.531
LINK ET : VOLUME= 3,530 CAPACITY= 890 V/C= 3.966
LINK EU : VOLUME= 4,893 CAPACITY= 890 V/C= 5.498
LINK EV : VOLUME= 2,119 CAPACITY= 1,820 V/C= 1.164
LINK EW : VOLUME= 672 CAPACITY= 2,200 V/C= 0.305
LINK EX : VOLUME= 645 CAPACITY= 2,200 V/C= 0.293
LINK EY : VOLUME= 41,664 CAPACITY= 4,690 V/C= 8.883
LINK EZ : VOLUME= 1,258 CAPACITY= 2,740 V/C= 0.459
LINK FG : VOLUME= 3,464 CAPACITY= 1,430 V/C= 2.422
LINK FH : VOLUME= 880 CAPACITY= 1,430 V/C= 0.615
LINK FI : VOLUME= 24 CAPACITY= 1,430 V/C= 0.016

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

TRIP TABLE = COMBINED - FTPBLF, FTPBLP, FTPBLO, FTPBLH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME=	0	CAPACITY=	890	V/C= 0.000
LINK B :	VOLUME=	2,965	CAPACITY=	890	V/C= 3.331
LINK C :	VOLUME=	1,055	CAPACITY=	2,740	V/C= 0.385
LINK D :	VOLUME=	1,476	CAPACITY=	1,820	V/C= 0.811
LINK E :	VOLUME=	7,520	CAPACITY=	1,820	V/C= 4.132
LINK F :	VOLUME=	7,215	CAPACITY=	890	V/C= 8.107
LINK G :	VOLUME=	7,254	CAPACITY=	1,820	V/C= 3.985
LINK H :	VOLUME=	1,464	CAPACITY=	1,820	V/C= 0.804
LINK I :	VOLUME=	2,411	CAPACITY=	890	V/C= 2.709
LINK J :	VOLUME=	938	CAPACITY=	1,820	V/C= 0.515
LINK K :	VOLUME=	11,417	CAPACITY=	1,430	V/C= 7.984
LINK L :	VOLUME=	1,051	CAPACITY=	890	V/C= 1.181
LINK M :	VOLUME=	9,753	CAPACITY=	2,740	V/C= 3.559
LINK N :	VOLUME=	8,555	CAPACITY=	2,740	V/C= 3.122
LINK O :	VOLUME=	775	CAPACITY=	890	V/C= 0.871
LINK P :	VOLUME=	61,020	CAPACITY=	4,970	V/C= %12.278
LINK Q :	VOLUME=	77,214	CAPACITY=	3,310	V/C= %23.327
LINK R :	VOLUME=	55,384	CAPACITY=	4,970	V/C= %11.144
LINK S :	VOLUME=	74,196	CAPACITY=	3,310	V/C= %22.416
LINK T :	VOLUME=	7,255	CAPACITY=	2,740	V/C= 2.648
LINK U :	VOLUME=	54,446	CAPACITY=	4,970	V/C= %10.955
LINK V :	VOLUME=	2,070	CAPACITY=	1,820	V/C= 1.137
LINK W :	VOLUME=	2,677	CAPACITY=	1,820	V/C= 1.471
LINK X :	VOLUME=	2,677	CAPACITY=	1,820	V/C= 1.471
LINK Y :	VOLUME=	5,586	CAPACITY=	890	V/C= 6.276
LINK Z :	VOLUME=	1,581	CAPACITY=	890	V/C= 1.776
LINK AA :	VOLUME=	8,190	CAPACITY=	2,740	V/C= 2.989
LINK BB :	VOLUME=	8,460	CAPACITY=	1,820	V/C= 4.648
LINK CC :	VOLUME=	822	CAPACITY=	890	V/C= 0.923
LINK DD :	VOLUME=	1,581	CAPACITY=	1,820	V/C= 0.869
LINK EE :	VOLUME=	1,970	CAPACITY=	1,820	V/C= 1.083
LINK FF :	VOLUME=	1,988	CAPACITY=	1,820	V/C= 1.092
LINK GG :	VOLUME=	1,658	CAPACITY=	1,820	V/C= 0.911
LINK HH :	VOLUME=	55,718	CAPACITY=	4,970	V/C= %11.211
LINK II :	VOLUME=	480	CAPACITY=	1,820	V/C= 0.263
LINK JJ :	VOLUME=	1,301	CAPACITY=	890	V/C= 1.462
LINK KK :	VOLUME=	2,076	CAPACITY=	890	V/C= 2.333
LINK LL :	VOLUME=	69,797	CAPACITY=	3,310	V/C= %21.087
LINK MM :	VOLUME=	480	CAPACITY=	1,820	V/C= 0.263
LINK NN :	VOLUME=	54,717	CAPACITY=	4,970	V/C= %11.009
LINK OO :	VOLUME=	2,886	CAPACITY=	1,820	V/C= 1.586
LINK PP :	VOLUME=	5,209	CAPACITY=	1,430	V/C= 3.643
LINK QQ :	VOLUME=	1,983	CAPACITY=	2,200	V/C= 0.901
LINK RR :	VOLUME=	1,027	CAPACITY=	1,430	V/C= 0.718
LINK SS :	VOLUME=	52,911	CAPACITY=	4,690	V/C= %11.282
LINK TT :	VOLUME=	2,995	CAPACITY=	1,430	V/C= 2.094
LINK UU :	VOLUME=	1,455	CAPACITY=	1,430	V/C= 1.017
LINK VV :	VOLUME=	0	CAPACITY=	1,430	V/C= 0.000
LINK WW :	VOLUME=	1,455	CAPACITY=	1,430	V/C= 1.017
LINK XX :	VOLUME=	3,118	CAPACITY=	1,430	V/C= 2.180
LINK YY :	VOLUME=	4,893	CAPACITY=	1,430	V/C= 3.422
LINK ZZ :	VOLUME=	5,386	CAPACITY=	1,430	V/C= 3.767
LINK AB :	VOLUME=	0	CAPACITY=	670	V/C= 0.000
LINK AC :	VOLUME=	3,158	CAPACITY=	670	V/C= 4.713
LINK AD :	VOLUME=	736	CAPACITY=	2,200	V/C= 0.335
LINK AE :	VOLUME=	5,321	CAPACITY=	1,430	V/C= 3.721

```
LINK AF : VOLUME=   5,321 CAPACITY=   1,430 V/C= 3.721
LINK AG : VOLUME=  55,435 CAPACITY=   4,690 V/C= %11.820
LINK AH : VOLUME=   4,728 CAPACITY=   1,430 V/C= 3.306
LINK AI : VOLUME=   3,790 CAPACITY=   1,430 V/C= 2.650
LINK AJ : VOLUME=   2,661 CAPACITY=   2,200 V/C= 1.209
LINK AK : VOLUME=   7,227 CAPACITY=   1,820 V/C= 3.971
LINK AL : VOLUME=   3,102 CAPACITY=   1,820 V/C= 1.704
LINK AM : VOLUME=  66,061 CAPACITY=   3,130 V/C= %21.106
LINK AN : VOLUME=   3,606 CAPACITY=   2,200 V/C= 1.639
LINK AO : VOLUME=     133 CAPACITY=   1,430 V/C= 0.093
LINK AP : VOLUME=  53,536 CAPACITY=   4,690 V/C= %11.415
LINK AQ : VOLUME=   1,791 CAPACITY=   1,430 V/C= 1.252
LINK AR : VOLUME=     157 CAPACITY=     670 V/C= 0.234
LINK AS : VOLUME=   1,946 CAPACITY=   1,430 V/C= 1.360
LINK AT : VOLUME=   4,105 CAPACITY=   1,430 V/C= 2.870
LINK AU : VOLUME=  52,177 CAPACITY=   4,690 V/C= %11.125
LINK AV : VOLUME=   3,473 CAPACITY=   2,200 V/C= 1.579
LINK AW : VOLUME=   6,831 CAPACITY=   1,430 V/C= 4.777
LINK AX : VOLUME=   6,831 CAPACITY=   2,200 V/C= 3.105
LINK AY : VOLUME=   6,142 CAPACITY=   1,430 V/C= 4.295
LINK AZ : VOLUME=  48,072 CAPACITY=   4,690 V/C= %10.250
LINK BC : VOLUME=   6,533 CAPACITY=   1,430 V/C= 4.569
LINK BD : VOLUME=   8,361 CAPACITY=   1,430 V/C= 5.847
LINK BE : VOLUME=   6,236 CAPACITY=   1,430 V/C= 4.361
LINK BF : VOLUME=   1,797 CAPACITY=     890 V/C= 2.019
LINK BG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BH : VOLUME=   1,615 CAPACITY=   1,430 V/C= 1.129
LINK BI : VOLUME=   3,113 CAPACITY=     670 V/C= 4.646
LINK BJ : VOLUME=   1,103 CAPACITY=     670 V/C= 1.646
LINK BK : VOLUME=   1,979 CAPACITY=   1,430 V/C= 1.384
LINK BL : VOLUME=   1,370 CAPACITY=     670 V/C= 2.045
LINK BM : VOLUME=   1,831 CAPACITY=   1,430 V/C= 1.280
LINK BN : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BO : VOLUME=     939 CAPACITY=   1,430 V/C= 0.657
LINK BP : VOLUME=  47,397 CAPACITY=   4,690 V/C= %10.106
LINK BQ : VOLUME=   2,739 CAPACITY=     890 V/C= 3.077
LINK BR : VOLUME=   2,878 CAPACITY=     890 V/C= 3.233
LINK BS : VOLUME=  61,618 CAPACITY=   3,130 V/C= %19.686
LINK BT : VOLUME=   1,103 CAPACITY=   1,430 V/C= 0.771
LINK BU : VOLUME=   2,008 CAPACITY=   1,430 V/C= 1.404
LINK BV : VOLUME=   2,462 CAPACITY=   2,200 V/C= 1.119
LINK BW : VOLUME=   2,804 CAPACITY=   2,200 V/C= 1.275
LINK BX : VOLUME=   2,050 CAPACITY=     890 V/C= 2.303
LINK BY : VOLUME=   1,342 CAPACITY=     890 V/C= 1.508
LINK BZ : VOLUME=  47,254 CAPACITY=   4,690 V/C= %10.075
LINK CD : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CE : VOLUME=   1,962 CAPACITY=   1,430 V/C= 1.372
LINK CF : VOLUME=     639 CAPACITY=     670 V/C= 0.954
LINK CG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CH : VOLUME=   3,242 CAPACITY=   1,430 V/C= 2.267
LINK CI : VOLUME=  45,054 CAPACITY=   4,690 V/C= 9.606
LINK CJ : VOLUME=     769 CAPACITY=     670 V/C= 1.147
LINK CK : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CL : VOLUME=   3,183 CAPACITY=   2,200 V/C= 1.447
LINK CM : VOLUME=     852 CAPACITY=   1,430 V/C= 0.596
LINK CN : VOLUME=   3,257 CAPACITY=     670 V/C= 4.862
LINK CO : VOLUME=   4,010 CAPACITY=   1,430 V/C= 2.804
LINK CP : VOLUME=   6,100 CAPACITY=   1,430 V/C= 4.266
LINK CQ : VOLUME=   3,600 CAPACITY=   1,430 V/C= 2.517
LINK CR : VOLUME=  58,976 CAPACITY=   3,130 V/C= %18.842
```

```
LINK CS : VOLUME=   1,805 CAPACITY=   1,820 V/C= 0.991
LINK CT : VOLUME=   1,320 CAPACITY=   1,820 V/C= 0.725
LINK CU : VOLUME=  46,127 CAPACITY=   4,690 V/C= 9.835
LINK CV : VOLUME=   1,772 CAPACITY=   2,200 V/C= 0.805
LINK CW : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CX : VOLUME=   2,897 CAPACITY=   1,430 V/C= 2.026
LINK CY : VOLUME=     150 CAPACITY=     670 V/C= 0.223
LINK CZ : VOLUME=   2,769 CAPACITY=   1,430 V/C= 1.936
LINK DE : VOLUME=   3,706 CAPACITY=   2,200 V/C= 1.684
LINK DF : VOLUME=     356 CAPACITY=   2,200 V/C= 0.162
LINK DG : VOLUME=  43,827 CAPACITY=   4,690 V/C= 9.345
LINK DH : VOLUME=   2,044 CAPACITY=   2,200 V/C= 0.929
LINK DI : VOLUME=     130 CAPACITY=   1,430 V/C= 0.091
LINK DJ : VOLUME=   2,598 CAPACITY=   1,430 V/C= 1.817
LINK DK : VOLUME=   4,460 CAPACITY=   1,430 V/C= 3.119
LINK DL : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK DM : VOLUME=   3,046 CAPACITY=   1,430 V/C= 2.130
LINK DN : VOLUME=  42,378 CAPACITY=   6,260 V/C= 6.770
LINK DO : VOLUME=   1,320 CAPACITY=   1,430 V/C= 0.923
LINK DP : VOLUME=   6,665 CAPACITY=   1,430 V/C= 4.661
LINK DQ : VOLUME=   5,229 CAPACITY=   2,200 V/C= 2.377
LINK DR : VOLUME=   3,966 CAPACITY=   2,200 V/C= 1.803
LINK DS : VOLUME=   6,606 CAPACITY=   2,200 V/C= 3.003
LINK DT : VOLUME=   5,131 CAPACITY=   1,430 V/C= 3.588
LINK DU : VOLUME=   2,313 CAPACITY=   1,820 V/C= 1.271
LINK DV : VOLUME=   4,213 CAPACITY=   1,430 V/C= 2.946
LINK DW : VOLUME=   8,185 CAPACITY=   1,430 V/C= 5.724
LINK DX : VOLUME=   4,082 CAPACITY=   1,430 V/C= 2.855
LINK DY : VOLUME=  45,382 CAPACITY=   6,260 V/C= 7.250
LINK DZ : VOLUME=  54,100 CAPACITY=   4,970 V/C= %10.885
LINK EF : VOLUME=     826 CAPACITY=     670 V/C= 1.232
LINK EG : VOLUME=   3,388 CAPACITY=     670 V/C= 5.056
LINK EH : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EI : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EJ : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EK : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK EL : VOLUME=  41,300 CAPACITY=   6,260 V/C= 6.597
LINK EM : VOLUME=   3,102 CAPACITY=     890 V/C= 3.485
LINK EN : VOLUME=   3,102 CAPACITY=     890 V/C= 3.485
LINK EO : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK EP : VOLUME=      41 CAPACITY=     890 V/C= 0.046
LINK EQ : VOLUME=      41 CAPACITY=     890 V/C= 0.046
LINK ER : VOLUME=   3,143 CAPACITY=     890 V/C= 3.531
LINK ES : VOLUME=   1,879 CAPACITY=     890 V/C= 2.111
LINK ET : VOLUME=   4,270 CAPACITY=     890 V/C= 4.798
LINK EU : VOLUME=   6,149 CAPACITY=     890 V/C= 6.909
LINK EV : VOLUME=   1,999 CAPACITY=   1,820 V/C= 1.098
LINK EW : VOLUME=     627 CAPACITY=   2,200 V/C= 0.285
LINK EX : VOLUME=     645 CAPACITY=   2,200 V/C= 0.293
LINK EY : VOLUME=  55,749 CAPACITY=   4,690 V/C= %11.887
LINK EZ : VOLUME=   2,109 CAPACITY=   2,740 V/C= 0.770
LINK FG : VOLUME=   6,050 CAPACITY=   1,430 V/C= 4.231
LINK FH : VOLUME=   3,003 CAPACITY=   1,430 V/C= 2.100
LINK FI : VOLUME=   1,492 CAPACITY=   1,430 V/C= 1.043
```

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

PALM BCH COUNTY, S.E.FLA.
TRIP TABLE = COMBINED - FTPBHF, FTPBHP, FTPBHO, FTPBHH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

LINK A :	VOLUME=	0	CAPACITY=	890	V/C= 0.000
LINK B :	VOLUME=	3,295	CAPACITY=	890	V/C= 3.702
LINK C :	VOLUME=	1,091	CAPACITY=	2,740	V/C= 0.398
LINK D :	VOLUME=	1,548	CAPACITY=	1,820	V/C= 0.850
LINK E :	VOLUME=	7,855	CAPACITY=	1,820	V/C= 4.316
LINK F :	VOLUME=	7,794	CAPACITY=	890	V/C= 8.757
LINK G :	VOLUME=	7,733	CAPACITY=	1,820	V/C= 4.249
LINK H :	VOLUME=	1,368	CAPACITY=	1,820	V/C= 0.752
LINK I :	VOLUME=	2,571	CAPACITY=	890	V/C= 2.889
LINK J :	VOLUME=	1,010	CAPACITY=	1,820	V/C= 0.555
LINK K :	VOLUME=	12,342	CAPACITY=	1,430	V/C= 8.630
LINK L :	VOLUME=	1,087	CAPACITY=	890	V/C= 1.221
LINK M :	VOLUME=	10,624	CAPACITY=	2,740	V/C= 3.877
LINK N :	VOLUME=	9,275	CAPACITY=	2,740	V/C= 3.385
LINK O :	VOLUME=	831	CAPACITY=	890	V/C= 0.934
LINK P :	VOLUME=	68,720	CAPACITY=	4,970	V/C= %13.827
LINK Q :	VOLUME=	92,826	CAPACITY=	3,310	V/C= %28.044
LINK R :	VOLUME=	62,591	CAPACITY=	4,970	V/C= %12.594
LINK S :	VOLUME=	89,486	CAPACITY=	3,310	V/C= %27.035
LINK T :	VOLUME=	8,162	CAPACITY=	2,740	V/C= 2.979
LINK U :	VOLUME=	61,581	CAPACITY=	4,970	V/C= %12.391
LINK V :	VOLUME=	2,040	CAPACITY=	1,820	V/C= 1.121
LINK W :	VOLUME=	2,686	CAPACITY=	1,820	V/C= 1.476
LINK X :	VOLUME=	2,686	CAPACITY=	1,820	V/C= 1.476
LINK Y :	VOLUME=	6,447	CAPACITY=	890	V/C= 7.244
LINK Z :	VOLUME=	1,748	CAPACITY=	890	V/C= 1.964
LINK AA :	VOLUME=	9,010	CAPACITY=	2,740	V/C= 3.288
LINK BB :	VOLUME=	9,027	CAPACITY=	1,820	V/C= 4.960
LINK CC :	VOLUME=	928	CAPACITY=	890	V/C= 1.043
LINK DD :	VOLUME=	1,748	CAPACITY=	1,820	V/C= 0.960
LINK EE :	VOLUME=	2,063	CAPACITY=	1,820	V/C= 1.134
LINK FF :	VOLUME=	2,066	CAPACITY=	1,820	V/C= 1.135
LINK GG :	VOLUME=	1,614	CAPACITY=	1,820	V/C= 0.887
LINK HH :	VOLUME=	62,286	CAPACITY=	4,970	V/C= %12.532
LINK II :	VOLUME=	499	CAPACITY=	1,820	V/C= 0.274
LINK JJ :	VOLUME=	1,427	CAPACITY=	890	V/C= 1.603
LINK KK :	VOLUME=	2,258	CAPACITY=	890	V/C= 2.537
LINK LL :	VOLUME=	84,731	CAPACITY=	3,310	V/C= %25.598
LINK MM :	VOLUME=	499	CAPACITY=	1,820	V/C= 0.274
LINK NN :	VOLUME=	61,252	CAPACITY=	4,970	V/C= %12.324
LINK OO :	VOLUME=	2,965	CAPACITY=	1,820	V/C= 1.629
LINK PP :	VOLUME=	5,383	CAPACITY=	1,430	V/C= 3.764
LINK QQ :	VOLUME=	1,960	CAPACITY=	2,200	V/C= 0.891
LINK RR :	VOLUME=	1,130	CAPACITY=	1,430	V/C= 0.790
LINK SS :	VOLUME=	59,530	CAPACITY=	4,690	V/C= %12.693
LINK TT :	VOLUME=	3,033	CAPACITY=	1,430	V/C= 2.121
LINK UU :	VOLUME=	1,530	CAPACITY=	1,430	V/C= 1.070
LINK VV :	VOLUME=	0	CAPACITY=	1,430	V/C= 0.000
LINK WW :	VOLUME=	1,530	CAPACITY=	1,430	V/C= 1.070
LINK XX :	VOLUME=	3,192	CAPACITY=	1,430	V/C= 2.232
LINK YY :	VOLUME=	5,061	CAPACITY=	1,430	V/C= 3.539
LINK ZZ :	VOLUME=	5,827	CAPACITY=	1,430	V/C= 4.075
LINK AB :	VOLUME=	0	CAPACITY=	670	V/C= 0.000
LINK AC :	VOLUME=	3,439	CAPACITY=	670	V/C= 5.133
LINK AD :	VOLUME=	750	CAPACITY=	2,200	V/C= 0.341
LINK AE :	VOLUME=	5,790	CAPACITY=	1,430	V/C= 4.049
LINK AF :	VOLUME=	5,790	CAPACITY=	1,430	V/C= 4.049
LINK AG :	VOLUME=	62,233	CAPACITY=	4,690	V/C= %13.269

```
LINK AH :- VOLUME=   4,990 CAPACITY=   1,430 V/C= 3.490
LINK AI : VOLUME=   3,982 CAPACITY=   1,430 V/C= 2.785
LINK AJ : VOLUME=   2,736 CAPACITY=   2,200 V/C= 1.243
LINK AK : VOLUME=   7,420 CAPACITY=   1,820 V/C= 4.077
LINK AL : VOLUME=   3,255 CAPACITY=   1,820 V/C= 1.788
LINK AM : VOLUME=  80,722 CAPACITY=   3,130 V/C= %25.790
LINK AN : VOLUME=   3,674 CAPACITY=   2,200 V/C= 1.670
LINK AO : VOLUME=     133 CAPACITY=   1,430 V/C= 0.093
LINK AP : VOLUME=  60,123 CAPACITY=   4,690 V/C= %12.819
LINK AQ : VOLUME=   2,005 CAPACITY=   1,430 V/C= 1.402
LINK AR : VOLUME=     165 CAPACITY=     670 V/C= 0.246
LINK AS : VOLUME=   2,005 CAPACITY=   1,430 V/C= 1.402
LINK AT : VOLUME=   4,353 CAPACITY=   1,430 V/C= 3.044
LINK AU : VOLUME=  58,905 CAPACITY=   4,690 V/C= %12.560
LINK AV : VOLUME=   3,541 CAPACITY=   2,200 V/C= 1.610
LINK AW : VOLUME=   7,526 CAPACITY=   1,430 V/C= 5.263
LINK AX : VOLUME=   7,526 CAPACITY=   2,200 V/C= 3.421
LINK AY : VOLUME=   6,589 CAPACITY=   1,430 V/C= 4.608
LINK AZ : VOLUME=  54,552 CAPACITY=   4,690 V/C= %11.632
LINK BC : VOLUME=   6,976 CAPACITY=   1,430 V/C= 4.878
LINK BD : VOLUME=   8,768 CAPACITY=   1,430 V/C= 6.131
LINK BE : VOLUME=   6,567 CAPACITY=   1,430 V/C= 4.592
LINK BF : VOLUME=   1,802 CAPACITY=     890 V/C= 2.025
LINK BG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BH : VOLUME=   1,657 CAPACITY=   1,430 V/C= 1.159
LINK BI : VOLUME=   3,213 CAPACITY=     670 V/C= 4.796
LINK BJ : VOLUME=   1,211 CAPACITY=     670 V/C= 1.807
LINK BK : VOLUME=   2,104 CAPACITY=   1,430 V/C= 1.471
LINK BL : VOLUME=   1,242 CAPACITY=     670 V/C= 1.854
LINK BM : VOLUME=   2,087 CAPACITY=   1,430 V/C= 1.459
LINK BN : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BO : VOLUME=     961 CAPACITY=   1,430 V/C= 0.672
LINK BP : VOLUME=  53,665 CAPACITY=   4,690 V/C= %11.442
LINK BQ : VOLUME=   2,994 CAPACITY=     890 V/C= 3.364
LINK BR : VOLUME=   3,311 CAPACITY=     890 V/C= 3.720
LINK BS : VOLUME=  75,945 CAPACITY=   3,130 V/C= %24.264
LINK BT : VOLUME=   1,211 CAPACITY=   1,430 V/C= 0.847
LINK BU : VOLUME=   2,121 CAPACITY=   1,430 V/C= 1.483
LINK BV : VOLUME=   2,521 CAPACITY=   2,200 V/C= 1.146
LINK BW : VOLUME=   3,247 CAPACITY=   2,200 V/C= 1.476
LINK BX : VOLUME=   2,069 CAPACITY=     890 V/C= 2.325
LINK BY : VOLUME=   1,358 CAPACITY=     890 V/C= 1.526
LINK BZ : VOLUME=  53,463 CAPACITY=   4,690 V/C= %11.399
LINK CD : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CE : VOLUME=   2,000 CAPACITY=   1,430 V/C= 1.399
LINK CF : VOLUME=     706 CAPACITY=     670 V/C= 1.054
LINK CG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CH : VOLUME=   3,314 CAPACITY=   1,430 V/C= 2.317
LINK CI : VOLUME=  51,335 CAPACITY=   4,690 V/C= %10.946
LINK CJ : VOLUME=     845 CAPACITY=     670 V/C= 1.261
LINK CK : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CL : VOLUME=   3,327 CAPACITY=   2,200 V/C= 1.512
LINK CM : VOLUME=     942 CAPACITY=   1,430 V/C= 0.658
LINK CN : VOLUME=   3,457 CAPACITY=     670 V/C= 5.159
LINK CO : VOLUME=   4,388 CAPACITY=   1,430 V/C= 3.069
LINK CP : VOLUME=   6,521 CAPACITY=   1,430 V/C= 4.560
LINK CQ : VOLUME=   3,973 CAPACITY=   1,430 V/C= 2.778
LINK CR : VOLUME=  72,932 CAPACITY=   3,130 V/C= %23.301
LINK CS : VOLUME=   1,853 CAPACITY=   1,820 V/C= 1.018
LINK CT : VOLUME=   1,347 CAPACITY=   1,820 V/C= 0.740
```

```
LINK CU : VOLUME=  52,401 CAPACITY=   4,690 V/C= %11.173
LINK CV : VOLUME=   1,854 CAPACITY=   2,200 V/C= 0.843
LINK CW : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CX : VOLUME=   3,226 CAPACITY=   1,430 V/C= 2.256
LINK CY : VOLUME=     173 CAPACITY=     670 V/C= 0.257
LINK CZ : VOLUME=   2,917 CAPACITY=   1,430 V/C= 2.040
LINK DE : VOLUME=   4,101 CAPACITY=   2,200 V/C= 1.864
LINK DF : VOLUME=     367 CAPACITY=   2,200 V/C= 0.167
LINK DG : VOLUME=  49,830 CAPACITY=   4,690 V/C= %10.625
LINK DH : VOLUME=   2,184 CAPACITY=   2,200 V/C= 0.993
LINK DI : VOLUME=     139 CAPACITY=   1,430 V/C= 0.097
LINK DJ : VOLUME=   2,881 CAPACITY=   1,430 V/C= 2.015
LINK DK : VOLUME=   4,750 CAPACITY=   1,430 V/C= 3.322
LINK DL : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK DM : VOLUME=   3,092 CAPACITY=   1,430 V/C= 2.162
LINK DN : VOLUME=  48,323 CAPACITY=   6,260 V/C= 7.719
LINK DO : VOLUME=   1,347 CAPACITY=   1,430 V/C= 0.942
LINK DP : VOLUME=   6,931 CAPACITY=   1,430 V/C= 4.847
LINK DQ : VOLUME=   5,501 CAPACITY=   2,200 V/C= 2.500
LINK DR : VOLUME=   4,187 CAPACITY=   2,200 V/C= 1.903
LINK DS : VOLUME=   7,016 CAPACITY=   2,200 V/C= 3.189
LINK DT : VOLUME=   5,500 CAPACITY=   1,430 V/C= 3.846
LINK DU : VOLUME=   2,342 CAPACITY=   1,820 V/C= 1.287
LINK DV : VOLUME=   4,530 CAPACITY=   1,430 V/C= 3.168
LINK DW : VOLUME=   8,520 CAPACITY=   1,430 V/C= 5.958
LINK DX : VOLUME=   4,315 CAPACITY=   1,430 V/C= 3.017
LINK DY : VOLUME=  51,515 CAPACITY=   6,260 V/C= 8.229
LINK DZ : VOLUME=  67,700 CAPACITY=   4,970 V/C= %13.622
LINK EF : VOLUME=     902 CAPACITY=     670 V/C= 1.346
LINK EG : VOLUME=   3,628 CAPACITY=     670 V/C= 5.415
LINK EH : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
LINK EI : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
LINK EJ : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
LINK EK : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK EL : VOLUME=  47,200 CAPACITY=   6,260 V/C= 7.540
LINK EM : VOLUME=   3,255 CAPACITY=     890 V/C= 3.657
LINK EN : VOLUME=   3,255 CAPACITY=     890 V/C= 3.657
LINK EO : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK EP : VOLUME=      41 CAPACITY=     890 V/C= 0.046
LINK EQ : VOLUME=      41 CAPACITY=     890 V/C= 0.046
LINK ER : VOLUME=   3,296 CAPACITY=     890 V/C= 3.703
LINK ES : VOLUME=   2,032 CAPACITY=     890 V/C= 2.283
LINK ET : VOLUME=   5,560 CAPACITY=     890 V/C= 6.247
LINK EU : VOLUME=   7,592 CAPACITY=     890 V/C= 8.530
LINK EV : VOLUME=   1,968 CAPACITY=   1,820 V/C= 1.081
LINK EW : VOLUME=     644 CAPACITY=   2,200 V/C= 0.293
LINK EX : VOLUME=     646 CAPACITY=   2,200 V/C= 0.294
LINK EY : VOLUME=  62,315 CAPACITY=   4,690 V/C= %13.287
LINK EZ : VOLUME=   2,156 CAPACITY=   2,740 V/C= 0.787
LINK FG : VOLUME=   6,358 CAPACITY=   1,430 V/C= 4.446
LINK FH : VOLUME=   2,980 CAPACITY=   1,430 V/C= 2.084
LINK FI : VOLUME=   1,351 CAPACITY=   1,430 V/C= 0.945

          ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

PALM BCH COUNTY, S.E.FLA.
TRIP TABLE = COMBINED - FTPCLF, FTPCLP, FTPCLO, FTPCLH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS
```

```
LINK  A :- VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK  B : VOLUME=   2,983 CAPACITY=     890 V/C= 3.351
LINK  C : VOLUME=   1,769 CAPACITY=   2,740 V/C= 0.646
LINK  D : VOLUME=     412 CAPACITY=   1,820 V/C= 0.226
LINK  E : VOLUME=   9,789 CAPACITY=   1,820 V/C= 5.378
LINK  F : VOLUME=   6,468 CAPACITY=     890 V/C= 7.267
LINK  G : VOLUME=   6,586 CAPACITY=   1,820 V/C= 3.618
LINK  H : VOLUME=   3,590 CAPACITY=   1,820 V/C= 1.973
LINK  I : VOLUME=   2,785 CAPACITY=     890 V/C= 3.129
LINK  J : VOLUME=   1,090 CAPACITY=   1,820 V/C= 0.599
LINK  K : VOLUME=  15,052 CAPACITY=   1,430 V/C= %10.526
LINK  L : VOLUME=   1,671 CAPACITY=     890 V/C= 1.878
LINK  M : VOLUME=  15,483 CAPACITY=   2,740 V/C= 5.651
LINK  N : VOLUME=  13,155 CAPACITY=   2,740 V/C= 4.801
LINK  O : VOLUME=   1,051 CAPACITY=     890 V/C= 1.181
LINK  P : VOLUME=  89,875 CAPACITY=   4,970 V/C= %18.084
LINK  Q : VOLUME= 122,103 CAPACITY=   3,310 V/C= %36.889
LINK  R : VOLUME=  83,168 CAPACITY=   4,970 V/C= %16.734
LINK  S : VOLUME= 117,630 CAPACITY=   3,310 V/C= %35.538
LINK  T : VOLUME=   9,649 CAPACITY=   2,740 V/C= 3.521
LINK  U : VOLUME=  82,079 CAPACITY=   4,970 V/C= %16.515
LINK  V : VOLUME=   4,584 CAPACITY=   1,820 V/C= 2.519
LINK  W : VOLUME=   3,240 CAPACITY=   1,820 V/C= 1.780
LINK  X : VOLUME=   3,240 CAPACITY=   1,820 V/C= 1.780
LINK  Y : VOLUME=   5,786 CAPACITY=     890 V/C= 6.501
LINK  Z : VOLUME=   1,581 CAPACITY=     890 V/C= 1.776
LINK AA : VOLUME=  12,209 CAPACITY=   2,740 V/C= 4.456
LINK BB : VOLUME=  10,701 CAPACITY=   1,820 V/C= 5.880
LINK CC : VOLUME=     948 CAPACITY=     890 V/C= 1.065
LINK DD : VOLUME=   1,581 CAPACITY=   1,820 V/C= 0.869
LINK EE : VOLUME=   2,947 CAPACITY=   1,820 V/C= 1.619
LINK FF : VOLUME=   2,774 CAPACITY=   1,820 V/C= 1.524
LINK GG : VOLUME=   3,171 CAPACITY=   1,820 V/C= 1.742
LINK HH : VOLUME=  83,426 CAPACITY=   4,970 V/C= %16.786
LINK II : VOLUME=     602 CAPACITY=   1,820 V/C= 0.330
LINK JJ : VOLUME=   1,549 CAPACITY=     890 V/C= 1.740
LINK KK : VOLUME=   2,600 CAPACITY=     890 V/C= 2.921
LINK LL : VOLUME= 113,776 CAPACITY=   3,310 V/C= %34.373
LINK MM : VOLUME=     602 CAPACITY=   1,820 V/C= 0.330
LINK NN : VOLUME=  80,949 CAPACITY=   4,970 V/C= %16.288
LINK OO : VOLUME=   2,799 CAPACITY=   1,820 V/C= 1.538
LINK PP : VOLUME=   5,559 CAPACITY=   1,430 V/C= 3.887
LINK QQ : VOLUME=   1,878 CAPACITY=   2,200 V/C= 0.853
LINK RR : VOLUME=   1,065 CAPACITY=   1,430 V/C= 0.745
LINK SS : VOLUME=  78,446 CAPACITY=   4,690 V/C= %16.726
LINK TT : VOLUME=   3,160 CAPACITY=   1,430 V/C= 2.210
LINK UU : VOLUME=   1,455 CAPACITY=   1,430 V/C= 1.017
LINK VV : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK WW : VOLUME=   1,455 CAPACITY=   1,430 V/C= 1.017
LINK XX : VOLUME=   2,943 CAPACITY=   1,430 V/C= 2.058
LINK YY : VOLUME=   5,193 CAPACITY=   1,430 V/C= 3.632
LINK ZZ : VOLUME=   5,886 CAPACITY=   1,430 V/C= 4.116
LINK AB : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK AC : VOLUME=   3,157 CAPACITY=     670 V/C= 4.712
LINK AD : VOLUME=     628 CAPACITY=   2,200 V/C= 0.285
LINK AE : VOLUME=   5,539 CAPACITY=   1,430 V/C= 3.873
LINK AF : VOLUME=   5,539 CAPACITY=   1,430 V/C= 3.873
LINK AG : VOLUME=  81,034 CAPACITY=   4,690 V/C= %17.278
LINK AH : VOLUME=   4,589 CAPACITY=   1,430 V/C= 3.209
LINK AI : VOLUME=   3,858 CAPACITY=   1,430 V/C= 2.698
```

LINK AJ : VOLUME= 2,763 CAPACITY= 2,200 V/C= 1.256
LINK AK : VOLUME= 7,020 CAPACITY= 1,820 V/C= 3.857
LINK AL : VOLUME= 3,184 CAPACITY= 1,820 V/C= 1.749
LINK AM : VOLUME= 107,920 CAPACITY= 3,130 V/C= %34.479
LINK AN : VOLUME= 3,253 CAPACITY= 2,200 V/C= 1.479
LINK AO : VOLUME= 93 CAPACITY= 1,430 V/C= 0.065
LINK AP : VOLUME= 78,656 CAPACITY= 4,690 V/C= %16.771
LINK AQ : VOLUME= 1,665 CAPACITY= 1,430 V/C= 1.164
LINK AR : VOLUME= 157 CAPACITY= 670 V/C= 0.234
LINK AS : VOLUME= 1,665 CAPACITY= 1,430 V/C= 1.164
LINK AT : VOLUME= 4,403 CAPACITY= 1,430 V/C= 3.079
LINK AU : VOLUME= 77,346 CAPACITY= 4,690 V/C= %16.492
LINK AV : VOLUME= 3,161 CAPACITY= 2,200 V/C= 1.437
LINK AW : VOLUME= 6,830 CAPACITY= 1,430 V/C= 4.776
LINK AX : VOLUME= 6,830 CAPACITY= 2,200 V/C= 3.105
LINK AY : VOLUME= 6,395 CAPACITY= 1,430 V/C= 4.472
LINK AZ : VOLUME= 72,943 CAPACITY= 4,690 V/C= %15.553
LINK BC : VOLUME= 6,874 CAPACITY= 1,430 V/C= 4.807
LINK BD : VOLUME= 9,152 CAPACITY= 1,430 V/C= 6.400
LINK BE : VOLUME= 7,443 CAPACITY= 1,430 V/C= 5.205
LINK BF : VOLUME= 1,842 CAPACITY= 890 V/C= 2.070
LINK BG : VOLUME= 0 CAPACITY= 670 V/C= 0.000
LINK BH : VOLUME= 1,495 CAPACITY= 1,430 V/C= 1.045
LINK BI : VOLUME= 3,651 CAPACITY= 670 V/C= 5.449
LINK BJ : VOLUME= 1,103 CAPACITY= 670 V/C= 1.646
LINK BK : VOLUME= 1,861 CAPACITY= 1,430 V/C= 1.301
LINK BL : VOLUME= 1,556 CAPACITY= 670 V/C= 2.322
LINK BM : VOLUME= 2,310 CAPACITY= 1,430 V/C= 1.615
LINK BN : VOLUME= 0 CAPACITY= 670 V/C= 0.000
LINK BO : VOLUME= 939 CAPACITY= 1,430 V/C= 0.656
LINK BP : VOLUME= 71,861 CAPACITY= 4,690 V/C= %15.322
LINK BQ : VOLUME= 3,033 CAPACITY= 890 V/C= 3.407
LINK BR : VOLUME= 3,067 CAPACITY= 890 V/C= 3.446
LINK BS : VOLUME= 101,733 CAPACITY= 3,130 V/C= %32.502
LINK BT : VOLUME= 1,103 CAPACITY= 1,430 V/C= 0.771
LINK BU : VOLUME= 1,796 CAPACITY= 1,430 V/C= 1.256
LINK BV : VOLUME= 2,429 CAPACITY= 2,200 V/C= 1.104
LINK BW : VOLUME= 3,015 CAPACITY= 2,200 V/C= 1.370
LINK BX : VOLUME= 1,719 CAPACITY= 890 V/C= 1.931
LINK BY : VOLUME= 1,157 CAPACITY= 890 V/C= 1.300
LINK BZ : VOLUME= 71,595 CAPACITY= 4,690 V/C= %15.265
LINK CD : VOLUME= 0 CAPACITY= 670 V/C= 0.000
LINK CE : VOLUME= 1,701 CAPACITY= 1,430 V/C= 1.190
LINK CF : VOLUME= 639 CAPACITY= 670 V/C= 0.954
LINK CG : VOLUME= 0 CAPACITY= 670 V/C= 0.000
LINK CH : VOLUME= 3,117 CAPACITY= 1,430 V/C= 2.180
LINK CI : VOLUME= 69,181 CAPACITY= 4,690 V/C= %14.751
LINK CJ : VOLUME= 769 CAPACITY= 670 V/C= 1.147
LINK CK : VOLUME= 0 CAPACITY= 670 V/C= 0.000
LINK CL : VOLUME= 3,022 CAPACITY= 2,200 V/C= 1.374
LINK CM : VOLUME= 852 CAPACITY= 1,430 V/C= 0.596
LINK CN : VOLUME= 3,403 CAPACITY= 670 V/C= 5.079
LINK CO : VOLUME= 3,979 CAPACITY= 1,430 V/C= 2.782
LINK CP : VOLUME= 6,238 CAPACITY= 1,430 V/C= 4.362
LINK CQ : VOLUME= 4,085 CAPACITY= 1,430 V/C= 2.856
LINK CR : VOLUME= 98,476 CAPACITY= 3,130 V/C= %31.462
LINK CS : VOLUME= 2,044 CAPACITY= 1,820 V/C= 1.123
LINK CT : VOLUME= 1,626 CAPACITY= 1,820 V/C= 0.893
LINK CU : VOLUME= 69,993 CAPACITY= 4,690 V/C= %14.924
LINK CV : VOLUME= 1,569 CAPACITY= 2,200 V/C= 0.713

```
LINK CW : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CX : VOLUME=   2,897 CAPACITY=   1,430 V/C= 2.026
LINK CY : VOLUME=     150 CAPACITY=     670 V/C= 0.223
LINK CZ : VOLUME=   2,358 CAPACITY=   1,430 V/C= 1.649
LINK DE : VOLUME=   3,786 CAPACITY=   2,200 V/C= 1.721
LINK DF : VOLUME=     289 CAPACITY=   2,200 V/C= 0.131
LINK DG : VOLUME=  67,987 CAPACITY=   4,690 V/C= %14.496
LINK DH : VOLUME=   1,901 CAPACITY=   2,200 V/C= 0.864
LINK DI : VOLUME=     130 CAPACITY=   1,430 V/C= 0.091
LINK DJ : VOLUME=   2,598 CAPACITY=   1,430 V/C= 1.817
LINK DK : VOLUME=   3,944 CAPACITY=   1,430 V/C= 2.758
LINK DL : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK DM : VOLUME=   2,376 CAPACITY=   1,430 V/C= 1.661
LINK DN : VOLUME=  66,651 CAPACITY=   6,260 V/C= %10.647
LINK DO : VOLUME=   1,626 CAPACITY=   1,430 V/C= 1.137
LINK DP : VOLUME=   5,724 CAPACITY=   1,430 V/C= 4.003
LINK DQ : VOLUME=   4,556 CAPACITY=   2,200 V/C= 2.071
LINK DR : VOLUME=   4,371 CAPACITY=   2,200 V/C= 1.987
LINK DS : VOLUME=   6,484 CAPACITY=   2,200 V/C= 2.947
LINK DT : VOLUME=   5,029 CAPACITY=   1,430 V/C= 3.517
LINK DU : VOLUME=   2,315 CAPACITY=   1,820 V/C= 1.272
LINK DV : VOLUME=   4,213 CAPACITY=   1,430 V/C= 2.946
LINK DW : VOLUME=   7,088 CAPACITY=   1,430 V/C= 4.957
LINK DX : VOLUME=   3,926 CAPACITY=   1,430 V/C= 2.745
LINK DY : VOLUME=  68,926 CAPACITY=   6,260 V/C= %11.011
LINK DZ : VOLUME=  93,300 CAPACITY=   4,970 V/C= %18.773
LINK EF : VOLUME=     826 CAPACITY=     670 V/C= 1.232
LINK EG : VOLUME=   3,388 CAPACITY=     670 V/C= 5.056
LINK EH : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EI : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EJ : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EK : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK EL : VOLUME=  65,000 CAPACITY=   6,260 V/C= %10.383
LINK EM : VOLUME=   3,184 CAPACITY=     890 V/C= 3.578
LINK EN : VOLUME=   3,184 CAPACITY=     890 V/C= 3.578
LINK EO : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK EP : VOLUME=     187 CAPACITY=     890 V/C= 0.210
LINK EQ : VOLUME=     187 CAPACITY=     890 V/C= 0.210
LINK ER : VOLUME=   3,371 CAPACITY=     890 V/C= 3.788
LINK ES : VOLUME=   2,574 CAPACITY=     890 V/C= 2.892
LINK ET : VOLUME=   9,127 CAPACITY=     890 V/C= %10.255
LINK EU : VOLUME=  11,701 CAPACITY=     890 V/C= %13.147
LINK EV : VOLUME=   2,976 CAPACITY=   1,820 V/C= 1.635
LINK EW : VOLUME=   1,076 CAPACITY=   2,200 V/C= 0.489
LINK EX : VOLUME=     903 CAPACITY=   2,200 V/C= 0.410
LINK EY : VOLUME=  83,255 CAPACITY=   4,690 V/C= %17.752
LINK EZ : VOLUME=   1,826 CAPACITY=   2,740 V/C= 0.666
LINK FG : VOLUME=   6,068 CAPACITY=   1,430 V/C= 4.243
LINK FH : VOLUME=   3,240 CAPACITY=   1,430 V/C= 2.266
LINK FI : VOLUME=   1,403 CAPACITY=   1,430 V/C= 0.981
```

ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

PALM BCH COUNTY, S.E.FLA.
TRIP TABLE = COMBINED - FTPCHF, FTPCHP, FTPCHO, FTPCHH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

```
LINK  A : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK  B : VOLUME=   3,295 CAPACITY=     890 V/C= 3.702
```

```
LINK  C : VOLUME=   1,814 CAPACITY=   2,740 V/C= 0.662
LINK  D : VOLUME=     421 CAPACITY=   1,820 V/C= 0.231
LINK  E : VOLUME=  10,179 CAPACITY=   1,820 V/C= 5.593
LINK  F : VOLUME=   7,011 CAPACITY=     890 V/C= 7.877
LINK  G : VOLUME=   7,012 CAPACITY=   1,820 V/C= 3.852
LINK  H : VOLUME=   3,534 CAPACITY=   1,820 V/C= 1.942
LINK  I : VOLUME=   2,957 CAPACITY=     890 V/C= 3.322
LINK  J : VOLUME=   1,083 CAPACITY=   1,820 V/C= 0.595
LINK  K : VOLUME=  16,123 CAPACITY=   1,430 V/C= %11.275
LINK  L : VOLUME=   1,676 CAPACITY=     890 V/C= 1.883
LINK  M : VOLUME=  16,451 CAPACITY=   2,740 V/C= 6.004
LINK  N : VOLUME=  13,899 CAPACITY=   2,740 V/C= 5.072
LINK  O : VOLUME=   1,100 CAPACITY=     890 V/C= 1.236
LINK  P : VOLUME=  99,907 CAPACITY=   4,970 V/C= %20.102
LINK  Q : VOLUME= 137,923 CAPACITY=   3,310 V/C= %41.669
LINK  R : VOLUME=  92,653 CAPACITY=   4,970 V/C= %18.643
LINK  S : VOLUME= 133,145 CAPACITY=   3,310 V/C= %40.225
LINK  T : VOLUME=  10,744 CAPACITY=   2,740 V/C= 3.921
LINK  U : VOLUME=  91,571 CAPACITY=   4,970 V/C= %18.425
LINK  V : VOLUME=   4,620 CAPACITY=   1,820 V/C= 2.538
LINK  W : VOLUME=   3,243 CAPACITY=   1,820 V/C= 1.782
LINK  X : VOLUME=   3,243 CAPACITY=   1,820 V/C= 1.782
LINK  Y : VOLUME=   6,447 CAPACITY=     890 V/C= 7.244
LINK  Z : VOLUME=   1,748 CAPACITY=     890 V/C= 1.964
LINK AA : VOLUME=  13,251 CAPACITY=   2,740 V/C= 4.836
LINK BB : VOLUME=  11,335 CAPACITY=   1,820 V/C= 6.228
LINK CC : VOLUME=   1,076 CAPACITY=     890 V/C= 1.209
LINK DD : VOLUME=   1,748 CAPACITY=   1,820 V/C= 0.960
LINK EE : VOLUME=   3,068 CAPACITY=   1,820 V/C= 1.686
LINK FF : VOLUME=   2,867 CAPACITY=   1,820 V/C= 1.575
LINK GG : VOLUME=   2,858 CAPACITY=   1,820 V/C= 1.570
LINK HH : VOLUME=  92,868 CAPACITY=   4,970 V/C= %18.686
LINK II : VOLUME=     643 CAPACITY=   1,820 V/C= 0.353
LINK JJ : VOLUME=   1,719 CAPACITY=     890 V/C= 1.931
LINK KK : VOLUME=   2,819 CAPACITY=     890 V/C= 3.167
LINK LL : VOLUME= 128,945 CAPACITY=   3,310 V/C= %38.956
LINK MM : VOLUME=     643 CAPACITY=   1,820 V/C= 0.353
LINK NN : VOLUME=  90,357 CAPACITY=   4,970 V/C= %18.180
LINK OO : VOLUME=   2,566 CAPACITY=   1,820 V/C= 1.410
LINK PP : VOLUME=   5,598 CAPACITY=   1,430 V/C= 3.914
LINK QQ : VOLUME=   2,029 CAPACITY=   2,200 V/C= 0.922
LINK RR : VOLUME=   1,075 CAPACITY=   1,430 V/C= 0.751
LINK SS : VOLUME=  88,188 CAPACITY=   4,690 V/C= %18.803
LINK TT : VOLUME=   3,052 CAPACITY=   1,430 V/C= 2.134
LINK UU : VOLUME=   1,530 CAPACITY=   1,430 V/C= 1.070
LINK VV : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK WW : VOLUME=   1,530 CAPACITY=   1,430 V/C= 1.070
LINK XX : VOLUME=   2,861 CAPACITY=   1,430 V/C= 2.000
LINK YY : VOLUME=   5,181 CAPACITY=   1,430 V/C= 3.623
LINK ZZ : VOLUME=   5,781 CAPACITY=   1,430 V/C= 4.043
LINK AB : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK AC : VOLUME=   2,940 CAPACITY=     670 V/C= 4.388
LINK AD : VOLUME=     641 CAPACITY=   2,200 V/C= 0.291
LINK AE : VOLUME=   5,123 CAPACITY=   1,430 V/C= 3.582
LINK AF : VOLUME=   5,123 CAPACITY=   1,430 V/C= 3.582
LINK AG : VOLUME=  90,874 CAPACITY=   4,690 V/C= %19.376
LINK AH : VOLUME=   4,568 CAPACITY=   1,430 V/C= 3.194
LINK AI : VOLUME=   4,002 CAPACITY=   1,430 V/C= 2.798
LINK AJ : VOLUME=   2,784 CAPACITY=   2,200 V/C= 1.265
LINK AK : VOLUME=   7,218 CAPACITY=   1,820 V/C= 3.966
```

```
LINK AL : VOLUME=   3,343 CAPACITY=   1,820 V/C= 1.837
LINK AM : VOLUME= 123,248 CAPACITY=   3,130 V/C= %39.376
LINK AN : VOLUME=   3,328 CAPACITY=   2,200 V/C= 1.513
LINK AO : VOLUME=      94 CAPACITY=   1,430 V/C= 0.065
LINK AP : VOLUME=  88,259 CAPACITY=   4,690 V/C= %18.819
LINK AQ : VOLUME=   1,398 CAPACITY=   1,430 V/C= 0.978
LINK AR : VOLUME=     165 CAPACITY=     670 V/C= 0.246
LINK AS : VOLUME=   1,724 CAPACITY=   1,430 V/C= 1.206
LINK AT : VOLUME=   4,683 CAPACITY=   1,430 V/C= 3.275
LINK AU : VOLUME=  86,517 CAPACITY=   4,690 V/C= %18.447
LINK AV : VOLUME=   3,235 CAPACITY=   2,200 V/C= 1.470
LINK AW : VOLUME=   7,526 CAPACITY=   1,430 V/C= 5.263
LINK AX : VOLUME=   7,526 CAPACITY=   2,200 V/C= 3.421
LINK AY : VOLUME=   6,818 CAPACITY=   1,430 V/C= 4.768
LINK AZ : VOLUME=  81,834 CAPACITY=   4,690 V/C= %17.449
LINK BC : VOLUME=   7,296 CAPACITY=   1,430 V/C= 5.102
LINK BD : VOLUME=   9,725 CAPACITY=   1,430 V/C= 6.801
LINK BE : VOLUME=   7,785 CAPACITY=   1,430 V/C= 5.444
LINK BF : VOLUME=   1,983 CAPACITY=     890 V/C= 2.228
LINK BG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BH : VOLUME=   1,538 CAPACITY=   1,430 V/C= 1.076
LINK BI : VOLUME=   3,938 CAPACITY=     670 V/C= 5.877
LINK BJ : VOLUME=   1,211 CAPACITY=     670 V/C= 1.807
LINK BK : VOLUME=   1,985 CAPACITY=   1,430 V/C= 1.388
LINK BL : VOLUME=   1,725 CAPACITY=.    670 V/C= 2.574
LINK BM : VOLUME=   2,450 CAPACITY=   1,430 V/C= 1.713
LINK BN : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BO : VOLUME=     961 CAPACITY=   1,430 V/C= 0.672
LINK BP : VOLUME=  80,726 CAPACITY=   4,690 V/C= %17.212
LINK BQ : VOLUME=   3,190 CAPACITY=     890 V/C= 3.584
LINK BR : VOLUME=   3,415 CAPACITY=     890 V/C= 3.837
LINK BS : VOLUME= 116,718 CAPACITY=   3,130 V/C= %37.290
LINK BT : VOLUME=   1,211 CAPACITY=   1,430 V/C= 0.847
LINK BU : VOLUME=   1,908 CAPACITY=   1,430 V/C= 1.335
LINK BV : VOLUME=   2,790 CAPACITY=   2,200 V/C= 1.268
LINK BW : VOLUME=   3,345 CAPACITY=   2,200 V/C= 1.520
LINK BX : VOLUME=   1,744 CAPACITY=     890 V/C= 1.960
LINK BY : VOLUME=   1,144 CAPACITY=     890 V/C= 1.286
LINK BZ : VOLUME=  80,692 CAPACITY=   4,690 V/C= %17.205
LINK CD : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CE : VOLUME=   1,740 CAPACITY=   1,430 V/C= 1.217
LINK CF : VOLUME=     706 CAPACITY=     670 V/C= 1.054
LINK CG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CH : VOLUME=   3,206 CAPACITY=   1,430 V/C= 2.242
LINK CI : VOLUME=  78,235 CAPACITY=   4,690 V/C= %16.681
LINK CJ : VOLUME=     845 CAPACITY=     670 V/C= 1.261
LINK CK : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CL : VOLUME=   3,173 CAPACITY=   2,200 V/C= 1.442
LINK CM : VOLUME=     942 CAPACITY=   1,430 V/C= 0.658
LINK CN : VOLUME=   3,619 CAPACITY=     670 V/C= 5.402
LINK CO : VOLUME=   4,449 CAPACITY=   1,430 V/C= 3.111
LINK CP : VOLUME=   6,810 CAPACITY=   1,430 V/C= 4.762
LINK CQ : VOLUME=   4,445 CAPACITY=   1,430 V/C= 3.108
LINK CR : VOLUME= 113,057 CAPACITY=   3,130 V/C= %36.120
LINK CS : VOLUME=   2,179 CAPACITY=   1,820 V/C= 1.197
LINK CT : VOLUME=   1,739 CAPACITY=   1,820 V/C= 0.955
LINK CU : VOLUME=  79,101 CAPACITY=   4,690 V/C= %16.866
LINK CV : VOLUME=   1,645 CAPACITY=   2,200 V/C= 0.748
LINK CW : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CX : VOLUME=   3,227 CAPACITY=   1,430 V/C= 2.256
```

```
      LINK CY : VOLUME=     173 CAPACITY=     670 V/C= 0.257
      LINK CZ : VOLUME=   2,543 CAPACITY=   1,430 V/C= 1.778
      LINK DE : VOLUME=   4,144 CAPACITY=   2,200 V/C= 1.883
      LINK DF : VOLUME=     301 CAPACITY=   2,200 V/C= 0.137
      LINK DG : VOLUME=  76,617 CAPACITY=   4,690 V/C= %16.336
      LINK DH : VOLUME=   2,001 CAPACITY=   2,200 V/C= 0.910
      LINK DI : VOLUME=     139 CAPACITY=   1,430 V/C= 0.097
      LINK DJ : VOLUME=   2,882 CAPACITY=   1,430 V/C= 2.015
      LINK DK : VOLUME=   4,317 CAPACITY=   1,430 V/C= 3.019
      LINK DL : VOLUME=       0 CAPACITY=     670 V/C= 0.000
      LINK DM : VOLUME=   2,502 CAPACITY=   1,430 V/C= 1.750
      LINK DN : VOLUME=  74,886 CAPACITY=   6,260 V/C= %11.963
      LINK DO : VOLUME=   1,739 CAPACITY=   1,430 V/C= 1.216
      LINK DP : VOLUME=   5,991 CAPACITY=   1,430 V/C= 4.190
      LINK DQ : VOLUME=   4,909 CAPACITY=   2,200 V/C= 2.231
      LINK DR : VOLUME=   4,955 CAPACITY=   2,200 V/C= 2.252
      LINK DS : VOLUME=   6,833 CAPACITY=   2,200 V/C= 3.106
      LINK DT : VOLUME=   5,463 CAPACITY=   1,430 V/C= 3.820
      LINK DU : VOLUME=   2,426 CAPACITY=   1,820 V/C= 1.333
      LINK DV : VOLUME=   4,530 CAPACITY=   1,430 V/C= 3.168
      LINK DW : VOLUME=   7,424 CAPACITY=   1,430 V/C= 5.192
      LINK DX : VOLUME=   4,159 CAPACITY=   1,430 V/C= 2.908
      LINK DY : VOLUME=  77,359 CAPACITY=   6,260 V/C= %12.358
      LINK DZ : VOLUME= 107,626 CAPACITY=   4,970 V/C= %21.655
      LINK EF : VOLUME=     902 CAPACITY=     670 V/C= 1.346
      LINK EG : VOLUME=   3,628 CAPACITY=     670 V/C= 5.415
      LINK EH : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
      LINK EI : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
      LINK EJ : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
      LINK EK : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
      LINK EL : VOLUME=  73,200 CAPACITY=   6,260 V/C= %11.693
      LINK EM : VOLUME=   3,343 CAPACITY=     890 V/C= 3.756
      LINK EN : VOLUME=   3,343 CAPACITY=     890 V/C= 3.756
      LINK EO : VOLUME=       0 CAPACITY=     890 V/C= 0.000
      LINK EP : VOLUME=     188 CAPACITY=     890 V/C= 0.211
      LINK EQ : VOLUME=     188 CAPACITY=     890 V/C= 0.211
      LINK ER : VOLUME=   3,531 CAPACITY=     890 V/C= 3.967
      LINK ES : VOLUME=   2,733 CAPACITY=     890 V/C= 3.071
      LINK ET : VOLUME=  10,299 CAPACITY=     890 V/C= %11.572
      LINK EU : VOLUME=  13,032 CAPACITY=     890 V/C= %14.643
      LINK EV : VOLUME=   2,661 CAPACITY=   1,820 V/C= 1.462
      LINK EW : VOLUME=   1,108 CAPACITY=   2,200 V/C= 0.504
      LINK EX : VOLUME=     906 CAPACITY=   2,200 V/C= 0.412
      LINK EY : VOLUME=  92,693 CAPACITY=   4,690 V/C= %19.764
      LINK EZ : VOLUME=   1,872 CAPACITY=   2,740 V/C= 0.683
      LINK FG : VOLUME=   6,407 CAPACITY=   1,430 V/C= 4.480
      LINK FH : VOLUME=   3,344 CAPACITY=   1,430 V/C= 2.339
      LINK FI : VOLUME=   1,836 CAPACITY=   1,430 V/C= 1.284

            ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

PALM BCH COUNTY, S.E.FLA.
TRIP TABLE = COMBINED - FTPDLF, FTPDLP, FTPDLO, FTPDLH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

      LINK  A : VOLUME=       0 CAPACITY=     890 V/C= 0.000
      LINK  B : VOLUME=   2,983 CAPACITY=     890 V/C= 3.351
      LINK  C : VOLUME=   1,760 CAPACITY=   2,740 V/C= 0.642
      LINK  D : VOLUME=     412 CAPACITY=   1,820 V/C= 0.226
```

```
LINK  E : VOLUME=   9,780 CAPACITY=   1,820 V/C= 5.373
LINK  F : VOLUME=   6,468 CAPACITY=     890 V/C= 7.267
LINK  G : VOLUME=   6,586 CAPACITY=   1,820 V/C= 3.618
LINK  H : VOLUME=   4,382 CAPACITY=   1,820 V/C= 2.408
LINK  I : VOLUME=   2,785 CAPACITY=     890 V/C= 3.129
LINK  J : VOLUME=   1,231 CAPACITY=   1,820 V/C= 0.676
LINK  K : VOLUME=  15,230 CAPACITY=   1,430 V/C= %10.650
LINK  L : VOLUME=   1,666 CAPACITY=     890 V/C= 1.872
LINK  M : VOLUME=  15,917 CAPACITY=   2,740 V/C= 5.809
LINK  N : VOLUME=  16,387 CAPACITY=   2,740 V/C= 5.980
LINK  O : VOLUME=   1,077 CAPACITY=     890 V/C= 1.210
LINK  P : VOLUME= 114,345 CAPACITY=   4,970 V/C= %23.007
LINK  Q : VOLUME= 141,947 CAPACITY=   3,310 V/C= %42.884
LINK  R : VOLUME= 104,891 CAPACITY=   4,970 V/C= %21.105
LINK  S : VOLUME= 140,774 CAPACITY=   3,310 V/C= %42.530
LINK  T : VOLUME=   9,645 CAPACITY=   2,740 V/C= 3.520
LINK  U : VOLUME= 103,660 CAPACITY=   4,970 V/C= %20.857
LINK  V : VOLUME=   5,495 CAPACITY=   1,820 V/C= 3.019
LINK  W : VOLUME=   3,240 CAPACITY=   1,820 V/C= 1.780
LINK  X : VOLUME=   3,240 CAPACITY=   1,820 V/C= 1.780
LINK  Y : VOLUME=   5,786 CAPACITY=     890 V/C= 6.501
LINK  Z : VOLUME=   1,581 CAPACITY=     890 V/C= 1.776
LINK AA : VOLUME=  14,824 CAPACITY=   2,740 V/C= 5.410
LINK BB : VOLUME=  14,010 CAPACITY=   1,820 V/C= 7.698
LINK CC : VOLUME=   1,107 CAPACITY=     890 V/C= 1.243
LINK DD : VOLUME=   1,581 CAPACITY=   1,820 V/C= 0.869
LINK EE : VOLUME=   2,947 CAPACITY=   1,820 V/C= 1.619
LINK FF : VOLUME=   4,198 CAPACITY=   1,820 V/C= 2.307
LINK GG : VOLUME=   3,171 CAPACITY=   1,820 V/C= 1.742
LINK HH : VOLUME= 107,979 CAPACITY=   4,970 V/C= %21.726
LINK II : VOLUME=   1,034 CAPACITY=   1,820 V/C= 0.568
LINK JJ : VOLUME=   2,140 CAPACITY=     890 V/C= 2.404
LINK KK : VOLUME=   3,217 CAPACITY=     890 V/C= 3.615
LINK LL : VOLUME= 134,406 CAPACITY=   3,310 V/C= %40.606
LINK MM : VOLUME=   1,034 CAPACITY=   1,820 V/C= 0.568
LINK NN : VOLUME= 105,465 CAPACITY=   4,970 V/C= %21.220
LINK OO : VOLUME=   2,799 CAPACITY=   1,820 V/C= 1.538
LINK PP : VOLUME=   5,579 CAPACITY=   1,430 V/C= 3.901
LINK QQ : VOLUME=   4,486 CAPACITY=   2,200 V/C= 2.039
LINK RR : VOLUME=   2,682 CAPACITY=   1,430 V/C= 1.875
LINK SS : VOLUME= 100,334 CAPACITY=   4,690 V/C= %21.393
LINK TT : VOLUME=   3,170 CAPACITY=   1,430 V/C= 2.217
LINK UU : VOLUME=   1,455 CAPACITY=   1,430 V/C= 1.017
LINK VV : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK WW : VOLUME=   1,455 CAPACITY=   1,430 V/C= 1.017
LINK XX : VOLUME=   2,943 CAPACITY=   1,430 V/C= 2.058
LINK YY : VOLUME=   7,123 CAPACITY=   1,430 V/C= 4.981
LINK ZZ : VOLUME=  11,841 CAPACITY=   1,430 V/C= 8.281
LINK AB : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK AC : VOLUME=   3,157 CAPACITY=     670 V/C= 4.712
LINK AD : VOLUME=     628 CAPACITY=   2,200 V/C= 0.285
LINK AE : VOLUME=   7,574 CAPACITY=   1,430 V/C= 5.297
LINK AF : VOLUME=   7,574 CAPACITY=   1,430 V/C= 5.297
LINK AG : VOLUME= 102,275 CAPACITY=   4,690 V/C= %21.807
LINK AH : VOLUME=   7,566 CAPACITY=   1,430 V/C= 5.291
LINK AI : VOLUME=   8,189 CAPACITY=   1,430 V/C= 5.727
LINK AJ : VOLUME=   7,246 CAPACITY=   2,200 V/C= 3.293
LINK AK : VOLUME=  18,267 CAPACITY=   1,820 V/C= %10.037
LINK AL : VOLUME=   9,699 CAPACITY=   1,820 V/C= 5.329
LINK AM : VOLUME= 128,995 CAPACITY=   3,130 V/C= %41.212
```

```
LINK AN : VOLUME=   8,978 CAPACITY=   2,200 V/C= 4.081
LINK AO : VOLUME=      93 CAPACITY=   1,430 V/C= 0.065
LINK AP : VOLUME=  99,669 CAPACITY=   4,690 V/C= %21.251
LINK AQ : VOLUME=   2,050 CAPACITY=   1,430 V/C= 1.433
LINK AR : VOLUME=     157 CAPACITY=     670 V/C= 0.234
LINK AS : VOLUME=   2,050 CAPACITY=   1,430 V/C= 1.434
LINK AT : VOLUME=   5,627 CAPACITY=   1,430 V/C= 3.935
LINK AU : VOLUME=  98,266 CAPACITY=   4,690 V/C= %20.952
LINK AV : VOLUME=   8,885 CAPACITY=   2,200 V/C= 4.039
LINK AW : VOLUME=   6,830 CAPACITY=   1,430 V/C= 4.776
LINK AX : VOLUME=   6,830 CAPACITY=   2,200 V/C= 3.105
LINK AY : VOLUME=   8,954 CAPACITY=   1,430 V/C= 6.262
LINK AZ : VOLUME=  92,639 CAPACITY=   4,690 V/C= %19.753
LINK BC : VOLUME=  12,964 CAPACITY=   1,430 V/C= 9.066
LINK BD : VOLUME=  17,715 CAPACITY=   1,430 V/C= %12.388
LINK BE : VOLUME=  16,622 CAPACITY=   1,430 V/C= %11.624
LINK BF : VOLUME=   4,768 CAPACITY=     890 V/C= 5.357
LINK BG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BH : VOLUME=   1,699 CAPACITY=   1,430 V/C= 1.188
LINK BI : VOLUME=   7,522 CAPACITY=     670 V/C= %11.227
LINK BJ : VOLUME=   1,103 CAPACITY=     670 V/C= 1.646
LINK BK : VOLUME=   2,065 CAPACITY=   1,430 V/C= 1.444
LINK BL : VOLUME=   2,844 CAPACITY=     670 V/C= 4.244
LINK BM : VOLUME=   4,360 CAPACITY=   1,430 V/C= 3.049
LINK BN : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BO : VOLUME=     939 CAPACITY=   1,430 V/C= 0.656
LINK BP : VOLUME=  91,023 CAPACITY=   4,690 V/C= %19.408
LINK BQ : VOLUME=   5,843 CAPACITY=     890 V/C= 6.565
LINK BR : VOLUME=   5,726 CAPACITY=     890 V/C= 6.433
LINK BS : VOLUME= 118,409 CAPACITY=   3,130 V/C= %37.830
LINK BT : VOLUME=   1,103 CAPACITY=   1,430 V/C= 0.771
LINK BU : VOLUME=   1,796 CAPACITY=   1,430 V/C= 1.256
LINK BV : VOLUME=   3,981 CAPACITY=   2,200 V/C= 1.809
LINK BW : VOLUME=   5,245 CAPACITY=   2,200 V/C= 2.384
LINK BX : VOLUME=   3,420 CAPACITY=     890 V/C= 3.843
LINK BY : VOLUME=   3,114 CAPACITY=     890 V/C= 3.499
LINK BZ : VOLUME=  91,239 CAPACITY=   4,690 V/C= %19.454
LINK CD : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CE : VOLUME=   1,725 CAPACITY=   1,430 V/C= 1.206
LINK CF : VOLUME=     639 CAPACITY=     670 V/C= 0.954
LINK CG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CH : VOLUME=   4,296 CAPACITY=   1,430 V/C= 3.004
LINK CI : VOLUME=  87,979 CAPACITY=   4,690 V/C= %18.759
LINK CJ : VOLUME=     769 CAPACITY=     670 V/C= 1.147
LINK CK : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CL : VOLUME=   4,079 CAPACITY=   2,200 V/C= 1.854
LINK CM : VOLUME=     852 CAPACITY=   1,430 V/C= 0.596
LINK CN : VOLUME=   4,114 CAPACITY=     670 V/C= 6.141
LINK CO : VOLUME=   7,315 CAPACITY=   1,430 V/C= 5.115
LINK CP : VOLUME=  10,591 CAPACITY=   1,430 V/C= 7.406
LINK CQ : VOLUME=  11,069 CAPACITY=   1,430 V/C= 7.740
LINK CR : VOLUME= 110,034 CAPACITY=   3,130 V/C= %35.155
LINK CS : VOLUME=   2,286 CAPACITY=   1,820 V/C= 1.256
LINK CT : VOLUME=   1,868 CAPACITY=   1,820 V/C= 1.026
LINK CU : VOLUME=  88,215 CAPACITY=   4,690 V/C= %18.809
LINK CV : VOLUME=   2,313 CAPACITY=   2,200 V/C= 1.051
LINK CW : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CX : VOLUME=   2,897 CAPACITY=   1,430 V/C= 2.026
LINK CY : VOLUME=     150 CAPACITY=     670 V/C= 0.223
LINK CZ : VOLUME=   3,046 CAPACITY=   1,430 V/C= 2.130
```

```
LINK DE : VOLUME=   4,052 CAPACITY=   2,200 V/C= 1.842
LINK DF : VOLUME=     289 CAPACITY=   2,200 V/C= 0.131
LINK DG : VOLUME=  85,472 CAPACITY=   4,690 V/C= %18.224
LINK DH : VOLUME=   2,168 CAPACITY=   2,200 V/C= 0.985
LINK DI : VOLUME=     130 CAPACITY=   1,430 V/C= 0.091
LINK DJ : VOLUME=   2,598 CAPACITY=   1,430 V/C= 1.817
LINK DK : VOLUME=   4,622 CAPACITY=   1,430 V/C= 3.232
LINK DL : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK DM : VOLUME=   3,052 CAPACITY=   1,430 V/C= 2.134
LINK DN : VOLUME=  83,401 CAPACITY=   6,260 V/C= %13.323
LINK DO : VOLUME=   1,868 CAPACITY=   1,430 V/C= 1.306
LINK DP : VOLUME=   5,724 CAPACITY=   1,430 V/C= 4.003
LINK DQ : VOLUME=   5,232 CAPACITY=   2,200 V/C= 2.378
LINK DR : VOLUME=   6,159 CAPACITY=   2,200 V/C= 2.800
LINK DS : VOLUME=  10,396 CAPACITY=   2,200 V/C= 4.725
LINK DT : VOLUME=   8,224 CAPACITY=   1,430 V/C= 5.751
LINK DU : VOLUME=   6,138 CAPACITY=   1,820 V/C= 3.373
LINK DV : VOLUME=   4,213 CAPACITY=   1,430 V/C= 2.946
LINK DW : VOLUME=   7,088 CAPACITY=   1,430 V/C= 4.957
LINK DX : VOLUME=   3,926 CAPACITY=   1,430 V/C= 2.745
LINK DY : VOLUME=  81,926 CAPACITY=   6,260 V/C= %13.087
LINK DZ : VOLUME= 100,000 CAPACITY=   4,970 V/C= %20.121
LINK EF : VOLUME=     826 CAPACITY=     670 V/C= 1.232
LINK EG : VOLUME=   3,388 CAPACITY=     670 V/C= 5.056
LINK EH : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EI : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EJ : VOLUME=   2,562 CAPACITY=   1,430 V/C= 1.792
LINK EK : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK EL : VOLUME=  78,000 CAPACITY=   6,260 V/C= %12.460
LINK EM : VOLUME=   9,699 CAPACITY=     890 V/C= %10.898
LINK EN : VOLUME=   9,699 CAPACITY=     890 V/C= %10.898
LINK EO : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK EP : VOLUME=     254 CAPACITY=     890 V/C= 0.285
LINK EQ : VOLUME=     254 CAPACITY=     890 V/C= 0.285
LINK ER : VOLUME=   9,953 CAPACITY=     890 V/C= %11.183
LINK ES : VOLUME=   4,751 CAPACITY=     890 V/C= 5.338
LINK ET : VOLUME=  11,000 CAPACITY=     890 V/C= %12.360
LINK EU : VOLUME=  15,751 CAPACITY=     890 V/C= %17.698
LINK EV : VOLUME=   2,976 CAPACITY=   1,820 V/C= 1.635
LINK EW : VOLUME=   1,076 CAPACITY=   2,200 V/C= 0.489
LINK EX : VOLUME=   2,327 CAPACITY=   2,200 V/C= 1.058
LINK EY : VOLUME= 107,922 CAPACITY=   4,690 V/C= %23.011
LINK EZ : VOLUME=   1,826 CAPACITY=   2,740 V/C= 0.666
LINK FG : VOLUME=   7,677 CAPACITY=   1,430 V/C= 5.369
LINK FH : VOLUME=   4,939 CAPACITY=   1,430 V/C= 3.454
LINK FI : VOLUME=   1,495 CAPACITY=   1,430 V/C= 1.045

          ASSIGNMENT OF COUNTY TRIPS AND EXTERNAL TRIPS

PALM BCH COUNTY, S.E.FLA.
TRIP TABLE = COMBINED - FTPDHF, FTPDHP, FTPDHO, FTPDHH

PATH TABLE = PBH - PALM BEACH COUNTY ZONE TO ZONE PATHS

LINK  A : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK  B : VOLUME=   3,295 CAPACITY=     890 V/C= 3.702
LINK  C : VOLUME=   1,814 CAPACITY=   2,740 V/C= 0.662
LINK  D : VOLUME=     421 CAPACITY=   1,820 V/C= 0.231
LINK  E : VOLUME=  10,179 CAPACITY=   1,820 V/C= 5.593
LINK  F : VOLUME=   7,011 CAPACITY=     890 V/C= 7.877
```

```
LINK  G : VOLUME=   7,012 CAPACITY=   1,820 V/C= 3.852
LINK  H : VOLUME=   4,570 CAPACITY=   1,820 V/C= 2.511
LINK  I : VOLUME=   2,957 CAPACITY=     890 V/C= 3.322
LINK  J : VOLUME=   1,311 CAPACITY=   1,820 V/C= 0.720
LINK  K : VOLUME=  16,234 CAPACITY=   1,430 V/C= %11.352
LINK  L : VOLUME=   1,676 CAPACITY=     890 V/C= 1.883
LINK  M : VOLUME=  16,909 CAPACITY=   2,740 V/C= 6.171
LINK  N : VOLUME=  17,394 CAPACITY=   2,740 V/C= 6.348
LINK  O : VOLUME=   1,137 CAPACITY=     890 V/C= 1.278
LINK  P : VOLUME= 126,447 CAPACITY=   4,970 V/C= %25.442
LINK  Q : VOLUME= 164,638 CAPACITY=   3,310 V/C= %49.740
LINK  R : VOLUME= 116,306 CAPACITY=   4,970 V/C= %23.402
LINK  S : VOLUME= 163,264 CAPACITY=   3,310 V/C= %49.324
LINK  T : VOLUME=  10,942 CAPACITY=   2,740 V/C= 3.993
LINK  U : VOLUME= 114,996 CAPACITY=   4,970 V/C= %23.138
LINK  V : VOLUME=   5,776 CAPACITY=   1,820 V/C= 3.173
LINK  W : VOLUME=   3,243 CAPACITY=   1,820 V/C= 1.782
LINK  X : VOLUME=   3,243 CAPACITY=   1,820 V/C= 1.782
LINK  Y : VOLUME=   6,447 CAPACITY=     890 V/C= 7.244
LINK  Z : VOLUME=   1,748 CAPACITY=     890 V/C= 1.964
LINK AA : VOLUME=  16,498 CAPACITY=   2,740 V/C= 6.021
LINK BB : VOLUME=  15,248 CAPACITY=   1,820 V/C= 8.378
LINK CC : VOLUME=   1,220 CAPACITY=     890 V/C= 1.371
LINK DD : VOLUME=   1,748 CAPACITY=   1,820 V/C= 0.960
LINK EE : VOLUME=   3,067 CAPACITY=   1,820 V/C= 1.685
LINK FF : VOLUME=   4,156 CAPACITY=   1,820 V/C= 2.283
LINK GG : VOLUME=   2,976 CAPACITY=   1,820 V/C= 1.635
LINK HH : VOLUME= 120,296 CAPACITY=   4,970 V/C= %24.204
LINK II : VOLUME=   1,072 CAPACITY=   1,820 V/C= 0.589
LINK JJ : VOLUME=   2,292 CAPACITY=     890 V/C= 2.575
LINK KK : VOLUME=   3,429 CAPACITY=     890 V/C= 3.853
LINK LL : VOLUME= 156,519 CAPACITY=   3,310 V/C= %47.287
LINK MM : VOLUME=   1,072 CAPACITY=   1,820 V/C= 0.589
LINK NN : VOLUME= 116,889 CAPACITY=   4,970 V/C= %23.519
LINK OO : VOLUME=   2,685 CAPACITY=   1,820 V/C= 1.475
LINK PP : VOLUME=   5,657 CAPACITY=   1,430 V/C= 3.956
LINK QQ : VOLUME=   4,053 CAPACITY=   2,200 V/C= 1.842
LINK RR : VOLUME=   3,507 CAPACITY=   1,430 V/C= 2.452
LINK SS : VOLUME= 111,781 CAPACITY=   4,690 V/C= %23.834
LINK TT : VOLUME=   3,112 CAPACITY=   1,430 V/C= 2.176
LINK UU : VOLUME=   1,530 CAPACITY=   1,430 V/C= 1.070
LINK VV : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK WW : VOLUME=   1,530 CAPACITY=   1,430 V/C= 1.070
LINK XX : VOLUME=   2,920 CAPACITY=   1,430 V/C= 2.042
LINK YY : VOLUME=   6,943 CAPACITY=   1,430 V/C= 4.855
LINK ZZ : VOLUME=   9,795 CAPACITY=   1,430 V/C= 6.850
LINK AB : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK AC : VOLUME=   3,440 CAPACITY=     670 V/C= 5.134
LINK AD : VOLUME=     641 CAPACITY=   2,200 V/C= 0.291
LINK AE : VOLUME=   7,811 CAPACITY=   1,430 V/C= 5.462
LINK AF : VOLUME=   7,811 CAPACITY=   1,430 V/C= 5.462
LINK AG : VOLUME= 113,918 CAPACITY=   4,690 V/C= %24.290
LINK AH : VOLUME=   8,211 CAPACITY=   1,430 V/C= 5.742
LINK AI : VOLUME=   8,697 CAPACITY=   1,430 V/C= 6.082
LINK AJ : VOLUME=   6,422 CAPACITY=   2,200 V/C= 2.919
LINK AK : VOLUME=  15,219 CAPACITY=   1,820 V/C= 8.362
LINK AL : VOLUME=   6,402 CAPACITY=   1,820 V/C= 3.518
LINK AM : VOLUME= 148,149 CAPACITY=   3,130 V/C= %47.332
LINK AN : VOLUME=   8,150 CAPACITY=   2,200 V/C= 3.704
LINK AO : VOLUME=      94 CAPACITY=   1,430 V/C= 0.065
```

```
LINK AP : VOLUME= 109,385 CAPACITY=   4,690 V/C= %23.323
LINK AQ : VOLUME=   2,111 CAPACITY=   1,430 V/C= 1.476
LINK AR : VOLUME=     165 CAPACITY=     670 V/C= 0.246
LINK AS : VOLUME=   2,111 CAPACITY=   1,430 V/C= 1.476
LINK AT : VOLUME=   5,941 CAPACITY=   1,430 V/C= 4.155
LINK AU : VOLUME= 107,969 CAPACITY=   4,690 V/C= %23.021
LINK AV : VOLUME=   8,056 CAPACITY=   2,200 V/C= 3.662
LINK AW : VOLUME=   7,527 CAPACITY=   1,430 V/C= 5.264
LINK AX : VOLUME=   7,527 CAPACITY=   2,200 V/C= 3.421
LINK AY : VOLUME=   9,396 CAPACITY=   1,430 V/C= 6.571
LINK AZ : VOLUME= 102,028 CAPACITY=   4,690 V/C= %21.754
LINK BC : VOLUME=  13,565 CAPACITY=   1,430 V/C= 9.486
LINK BD : VOLUME=  18,727 CAPACITY=   1,430 V/C= %13.096
LINK BE : VOLUME=  14,947 CAPACITY=   1,430 V/C= %10.452
LINK BF : VOLUME=   4,801 CAPACITY=     890 V/C= 5.394
LINK BG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BH : VOLUME=   1,745 CAPACITY=   1,430 V/C= 1.220
LINK BI : VOLUME=   9,574 CAPACITY=     670 V/C= %14.290
LINK BJ : VOLUME=   1,211 CAPACITY=     670 V/C= 1.807
LINK BK : VOLUME=   2,192 CAPACITY=   1,430 V/C= 1.533
LINK BL : VOLUME=   3,626 CAPACITY=     670 V/C= 5.412
LINK BM : VOLUME=   6,275 CAPACITY=   1,430 V/C= 4.388
LINK BN : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK BO : VOLUME=     961 CAPACITY=   1,430 V/C= 0.672
LINK BP : VOLUME= 101,331 CAPACITY=   4,690 V/C= %21.606
LINK BQ : VOLUME=   6,421 CAPACITY=     890 V/C= 7.215
LINK BR : VOLUME=   6,310 CAPACITY=     890 V/C= 7.090
LINK BS : VOLUME= 136,933 CAPACITY=   3,130 V/C= %43.749
LINK BT : VOLUME=   1,211 CAPACITY=   1,430 V/C= 0.847
LINK BU : VOLUME=   1,908 CAPACITY=   1,430 V/C= 1.335
LINK BV : VOLUME=   3,442 CAPACITY=   2,200 V/C= 1.565
LINK BW : VOLUME=   5,834 CAPACITY=   2,200 V/C= 2.652
LINK BX : VOLUME=   3,464 CAPACITY=     890 V/C= 3.892
LINK BY : VOLUME=   3,156 CAPACITY=     890 V/C= 3.546
LINK BZ : VOLUME= 101,109 CAPACITY=   4,690 V/C= %21.558
LINK CD : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CE : VOLUME=   1,763 CAPACITY=   1,430 V/C= 1.233
LINK CF : VOLUME=     706 CAPACITY=     670 V/C= 1.054
LINK CG : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CH : VOLUME=   4,619 CAPACITY=   1,430 V/C= 3.230
LINK CI : VOLUME=  96,671 CAPACITY=   4,690 V/C= %20.612
LINK CJ : VOLUME=     845 CAPACITY=     670 V/C= 1.261
LINK CK : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CL : VOLUME=   3,530 CAPACITY=   2,200 V/C= 1.604
LINK CM : VOLUME=     942 CAPACITY=   1,430 V/C= 0.658
LINK CN : VOLUME=   4,179 CAPACITY=     670 V/C= 6.237
LINK CO : VOLUME=   7,946 CAPACITY=   1,430 V/C= 5.557
LINK CP : VOLUME=  11,287 CAPACITY=   1,430 V/C= 7.893
LINK CQ : VOLUME=  10,245 CAPACITY=   1,430 V/C= 7.164
LINK CR : VOLUME= 129,418 CAPACITY=   3,130 V/C= %41.348
LINK CS : VOLUME=   2,343 CAPACITY=   1,820 V/C= 1.287
LINK CT : VOLUME=   1,903 CAPACITY=   1,820 V/C= 1.046
LINK CU : VOLUME=  98,416 CAPACITY=   4,690 V/C= %20.984
LINK CV : VOLUME=   1,862 CAPACITY=   2,200 V/C= 0.846
LINK CW : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK CX : VOLUME=   3,227 CAPACITY=   1,430 V/C= 2.256
LINK CY : VOLUME=     173 CAPACITY=     670 V/C= 0.257
LINK CZ : VOLUME=   2,701 CAPACITY=   1,430 V/C= 1.889
LINK DE : VOLUME=   4,423 CAPACITY=   2,200 V/C= 2.010
LINK DF : VOLUME=     301 CAPACITY=   2,200 V/C= 0.137
```

```
LINK DG : VOLUME=  95,503 CAPACITY=   4,690 V/C= %20.363
LINK DH : VOLUME=   2,280 CAPACITY=   2,200 V/C= 1.037
LINK DI : VOLUME=     139 CAPACITY=   1,430 V/C= 0.097
LINK DJ : VOLUME=   2,882 CAPACITY=   1,430 V/C= 2.015
LINK DK : VOLUME=   4,438 CAPACITY=   1,430 V/C= 3.103
LINK DL : VOLUME=       0 CAPACITY=     670 V/C= 0.000
LINK DM : VOLUME=   2,648 CAPACITY=   1,430 V/C= 1.852
LINK DN : VOLUME=  92,768 CAPACITY=   6,260 V/C= %14.819
LINK DO : VOLUME=   1,903 CAPACITY=   1,430 V/C= 1.331
LINK DP : VOLUME=   6,041 CAPACITY=   1,430 V/C= 4.224
LINK DQ : VOLUME=   5,005 CAPACITY=   2,200 V/C= 2.275
LINK DR : VOLUME=   7,551 CAPACITY=   2,200 V/C= 3.432
LINK DS : VOLUME=  11,589 CAPACITY=   2,200 V/C= 5.268
LINK DT : VOLUME=  10,709 CAPACITY=   1,430 V/C= 7.489
LINK DU : VOLUME=   7,129 CAPACITY=   1,820 V/C= 3.917
LINK DV : VOLUME=   4,530 CAPACITY=   1,430 V/C= 3.168
LINK DW : VOLUME=   7,474 CAPACITY=   1,430 V/C= 5.227
LINK DX : VOLUME=   4,159 CAPACITY=   1,430 V/C= 2.908
LINK DY : VOLUME=  92,159 CAPACITY=   6,260 V/C= %14.722
LINK DZ : VOLUME= 120,700 CAPACITY=   4,970 V/C= %24.286
LINK EF : VOLUME=     902 CAPACITY=     670 V/C= 1.346
LINK EG : VOLUME=   3,628 CAPACITY=     670 V/C= 5.415
LINK EH : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
LINK EI : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
LINK EJ : VOLUME=   2,726 CAPACITY=   1,430 V/C= 1.906
LINK EK : VOLUME=       0 CAPACITY=   1,430 V/C= 0.000
LINK EL : VOLUME=  88,000 CAPACITY=   6,260 V/C= %14.058
LINK EM : VOLUME=   6,402 CAPACITY=     890 V/C= 7.193
LINK EN : VOLUME=   6,402 CAPACITY=     890 V/C= 7.193
LINK EO : VOLUME=       0 CAPACITY=     890 V/C= 0.000
LINK EP : VOLUME=     256 CAPACITY=     890 V/C= 0.288
LINK EQ : VOLUME=     256 CAPACITY=     890 V/C= 0.288
LINK ER : VOLUME=   6,658 CAPACITY=     890 V/C= 7.481
LINK ES : VOLUME=   4,996 CAPACITY=     890 V/C= 5.613
LINK ET : VOLUME=  13,000 CAPACITY=     890 V/C= %14.607
LINK EU : VOLUME=  17,996 CAPACITY=     890 V/C= %20.220
LINK EV : VOLUME=   2,779 CAPACITY=   1,820 V/C= 1.527
LINK EW : VOLUME=   1,107 CAPACITY=   2,200 V/C= 0.503
LINK EX : VOLUME=   2,195 CAPACITY=   2,200 V/C= 0.998
LINK EY : VOLUME= 119,816 CAPACITY=   4,690 V/C= %25.547
LINK EZ : VOLUME=   2,072 CAPACITY=   2,740 V/C= 0.756
LINK FG : VOLUME=   8,052 CAPACITY=   1,430 V/C= 5.631
LINK FH : VOLUME=   5,813 CAPACITY=   1,430 V/C= 4.065
LINK FI : VOLUME=   1,510 CAPACITY=   1,430 V/C= 1.056
```

EXTERNAL VOLUMES FOR ASSIGNMENTS

Indian River County

Links	FTIALT	FTIAHT	FTIBLT	FTIBHT	FTICLT	FTICHT
A	50251	59952	93511	107963	135372	150624
B	50251	59952	93511	107963	135372	150624
C	50251	59952	93511	107963	135372	150624
AR	57417	73800	114610	133890	160621	185503

St. Lucie County

Links	FTSALT	FTSAHT	FTSBLT	FTSIHT	FTSCLT	FTSCHT
L	52343	67065	108242	125867	152608	175726
R	44347	52101	86026	98759	126570	139802
T	44347	52101	86026	98759	126570	139802
U	52343	67065	108242	125867	152608	175726
AL	44347	52101	86026	98759	126570	139802
AP	44347	52101	86026	98759	126570	139802
AR	44347	52101	86026	98759	126570	139802
AT	52343	67065	108242	125867	152608	175726
BE	44347	52101	86026	98759	126570	139802
BF	44347	52101	86026	98759	126570	139802
BT	44347	52101	86026	98759	126570	139802

EXTERNAL VOLUMES
FOR ASSIGNMENT RUNS

Martin County

Links	FTMALT	FTMAHT	FTMBLT	FTMBHT	FTMCLT	FTMCHT	FTMDLT	FTMDHT
C	898	996	982	1080	982	1080	1066	1164
D	898	996	982	1080	982	1080	1066	1164
F	898	996	982	1080	982	1080	1066	1164
G	898	996	982	1080	982	1080	1066	1164
K	898	996	982	1080	982	1080	1066	1164
L	898	996	982	1080	982	1080	1066	1164
AB	38584	45622	60020	67720	88675	98607	112345	124447
AC	38584	45622	60020	67720	88675	98607	112345	124447
AD	38584	45622	60020	67720	88675	98607	112345	124447
AE	38584	45622	60020	67720	88675	98607	112345	124447
AF	47450	61579	75214	90826	120103	135423	139947	162638
AG	47450	61579	75214	90826	120103	135423	139947	162638
AN	1438	1613	2076	2258	2600	2819	3217	3429
AO	1438	1613	2076	2258	2600	2819	3217	3429
AQ	50	69	50	69	187	188	254	256
AR	50	69	50	69	187	188	254	256

EXTERNAL VOLUMES
FOR ASSIGNMENT RUNS

Palm Beach County

Links	FTPALT	FTPPAT	FTPBLT	FTPBHT	FTPCLT	FTPCHT	FTPDLT	FTPDHT
P	28400	33700	42300	48200	66200	745000	80000	90000
Q	35000	47300	54100	67700	93300	107500	100000	120000
R	28400	33700	42300	48200	66200	74500	80000	90000
S	35000	47300	54100	67700	93300	107500	100000	120000
U	28400	33700	42300	48200	66200	74500	80000	90000
HH	28400	33700	42300	48200	66200	74500	80000	90000
LL	35000	47300	54100	67700	93300	107500	100000	120000
NN	28400	33700	42300	48200	66200	74500	80000	90000
SS	28400	33700	42300	48200	66200	74500	80000	90000
AG	28400	33700	42300	48200	66200	74500	80000	90000
AM	35000	47300	54100	67700	93300	107500	100000	120000
AP	28400	33700	42300	48200	66200	74500	80000	90000
AU	28400	33700	42300	48200	66200	74500	80000	90000
AZ	28400	33700	42300	48200	66200	74500	80000	90000
BP	27000	32500	41300	47200	65000	73200	78000	88000
BS	35000	47300	54100	67700	93300	107500	100000	120000
BZ	27000	32500	41300	47200	65000	73200	78000	88000
CI	27000	32500	41300	47200	65000	73200	78000	88000
CR	35000	47300	54100	67700	93300	107500	100000	120000
CU	27000	32500	41300	47200	65000	73200	78000	88000
DG	27000	32500	41300	47200	65000	73200	78000	88000
DN	27000	32500	41300	47200	65000	73200	78000	88000
DY	27000	32500	41300	67700	65000	73200	78000	88000
DZ	35000	47300	54100	93300	93300	107500	100000	120000
EL	27000	32500	41300	65000	65000	73200	78000	88000
ET	2450	3530	4270	9127	9127	10299	11000	13000
EU	2450	3530	4270	9127	9127	10299	11000	13000
EY	28400	33700	42300	66200	66200	74500	80000	90000

ANNEX H

Sample Clearance Time Runs

Critical Link: Osceola Blvd w of Kings H

Response Curve :6
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
6296 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	882 *(.85) =	1379
6296 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	882 *(.55) =	3318
6296 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	882 *(.10) =	1977
6296 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	882 *(.00) =	944
					7619

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	1798
3	2255	4	1679
5	139	6	0

5.1 hours to clear link
+ .5 hours to go from Osceola Blvd w of Kings H to INDIAN RIV County Line
5.6 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Osceola Blvd w of Kings H

Response Curve :F
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
6296 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	882 *(.95) =	1152
6296 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	882 *(.85) =	1379
6296 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	882 *(.50) =	2644
6296 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	882 *(.15) =	2335
6296 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	882 *(.05) =	673
6296 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	882 *(.00) =	314
					8501

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	1124	4	1940
5	1094	6	0
7	0	8	0

6 hours to clear link
\+ .5 hours to qc from Osceola Blvd w of Kings H to INDIAN RIV County Line
---
6.5 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Osceola Blvd w of Kings H

Response Curve :C
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
6296 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	882 *(.97) =	1044
6296 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	882 *(.92) =	1126
6296 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	882 *(.85) =	1190
6296 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	882 *(.66) =	1778
6296 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	882 *(.34) =	2314
6296 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	882 *(.15) =	1328
6296 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	882 *(.08) =	511
6296 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	882 *(.03) =	341
6296 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	882 *(.00) =	188
					9824

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	0	4	259
5	1052	6	861
7	0	8	0
9	0	10	0

9 hours to clear link
\+ .5 hours to go from Osceola Blvd w of Kings H to INDIAN RIV County Line
---
9.5 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Osceola Blvd w of Kings H Response Curve :A
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIBHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
10832 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1102 *(.85) =	2019
10832 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	1102 *(.55) =	5480
10832 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	1102 *(.10) =	3359
10832 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	1102 *(.00) =	1624
					12485

Carryover Analysis

Hour	Queue	Hour	Queue
1	499	2	4460
3	6300	4	6405
5	4885	6	3365
7	1845	8	325
9	0	10	0

8.21 hours to clear link
\+ .5 hours to go from Osceola Blvd w of Kings H to INDIAN RIV County Line
---
8.71 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Osceola Blvd w of Kings H

Response Curve :h

Hourly Link Capacity: 1520

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIBHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
10832 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1102 *(.95) =	1588
10832 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1102 *(.85) =	2019
10832 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1102 *(.50) =	4342
10832 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1102 *(.15) =	3956
10832 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1102 *(.05) =	1138
10832 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1102 *(.00) =	541
					13586

Carryover Analysis

Hour	Queue	Hour	Queue
1	68	2	568
3	3390	4	5827
5	5445	6	4467
7	2947	8	1427
9	0	10	0

8.93 hours to clear link
\+ .5 hours to go from Osceola Blvd w of Kings H to INDIAN RIV County Line
9.43 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Osceola Blvd w of Kings H

Response Curve :C
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIBHI

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
10832 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1102 *(.97) =	1393
10832 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1102 *(.92) =	1555
10832 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1102 *(.85) =	1694
10832 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1102 *(.66) =	2785
10832 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	1102 *(.34) =	3840
10832 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1102 *(.15) =	2223
10832 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1102 *(.08) =	846
10832 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1102 *(.03) =	574
10832 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1102 *(.00) =	324
					15240

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	35
3	210	4	1475
5	3796	6	4500
7	3826	8	2881
9	1686	10	166
11	0	12	0

10.1 Hours to clear link
+ .5 Hours to go from Osceola Blvd w of Kings H to INDIAN RIV County Line
10.6 Hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Florida Turnpike out reg

Response Curve :A
Hourly Link Capacity: 3570

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
0 *(.10) +	0 *(.10) +	24417 *(.10) +	33000 *(.10) +	552 *(.85) =	6210
0 *(.45) +	0 *(.45) +	24417 *(.45) +	33000 *(.45) +	552 *(.55) =	26141
0 *(.30) +	0 *(.30) +	24417 *(.30) +	33000 *(.30) +	552 *(.10) =	17280
0 *(.15) +	0 *(.15) +	24417 *(.15) +	33000 *(.15) +	552 *(.00) =	8612
					58245

Carryover Analysis

Hour	Queue	Hour	Queue
1	2640	2	25212
3	38922	4	43965
5	40395	6	36825
7	33255	8	29685
9	26115	10	22545
11	18975	12	15405
13	11835	14	8265
15	4695	16	1125
17	0	18	0

16.3 hours to clear link
\+ .1 hours to go from Florida Turnpike out reg to INDIAN RIV County Line
---
16.4 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Florida Turnpike out reg

Response Curve :B
Hourly Link Capacity: 3570

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
0 *(.05) +	0 *(.05) +	24417 *(.05) +	33000 *(.05) +	552 *(.95) =	3395
0 *(.10) +	0 *(.10) +	24417 *(.10) +	33000 *(.10) +	552 *(.85) =	6210
0 *(.35) +	0 *(.35) +	24417 *(.35) +	33000 *(.35) +	552 *(.50) =	20371
0 *(.35) +	0 *(.35) +	24417 *(.35) +	33000 *(.35) +	552 *(.15) =	20178
0 *(.10) +	0 *(.10) +	24417 *(.10) +	33000 *(.10) +	552 *(.05) =	5769
0 *(.05) +	0 *(.05) +	24417 *(.05) +	33000 *(.05) +	552 *(.00) =	2870
					58797

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	2640
3	19442	4	36051
5	38250	6	37551
7	33981	8	30411
9	26841	10	23271
11	19701	12	16131
13	12561	14	8991
15	5421	16	1851
17	0	18	0

16.5 hours to clear link
\+ .1 hours to at from Florida Turnpike out reg to INDIAN RIV County Line
16.6 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Florida Turnpike out req

Response Curve :2
Hourly Link Capacity: 3576

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
0 *(.03) +	0 *(.03) +	24417 *(.03) +	33000 *(.03) +	552 *(.97) =	2257
0 *(.05) +	0 *(.05) +	24417 *(.05) +	33000 *(.05) +	552 *(.92) =	3378
0 *(.07) +	0 *(.07) +	24417 *(.07) +	33000 *(.07) +	552 *(.85) =	4488
0 *(.19) +	0 *(.19) +	24417 *(.19) +	33000 *(.19) +	552 *(.66) =	11273
0 *(.32) +	0 *(.32) +	24417 *(.32) +	33000 *(.32) +	552 *(.34) =	18561
0 *(.19) +	0 *(.19) +	24417 *(.19) +	33000 *(.19) +	552 *(.15) =	10992
0 *(.07) +	0 *(.07) +	24417 *(.07) +	33000 *(.07) +	552 *(.08) =	4063
0 *(.05) +	0 *(.05) +	24417 *(.05) +	33000 *(.05) +	552 *(.03) =	2867
0 *(.03) +	0 *(.03) +	24417 *(.03) +	33000 *(.03) +	552 *(.00) =	1722
					59625

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	918	4	8621
5	23613	6	31035
7	31528	8	30845
9	28998	10	25423
11	21858	12	18288
13	14718	14	11148
15	7578	16	4008
17	438	18	0

17.1 hours to clear link
\+ .1 hours to go from Florida Turnpike out req to INDIAN RIV County Line
---
17.2 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: I-95 out of region

Response Curve :A
Hourly Link Capacity: 3570

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FINAL

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
5078 *(.10) +	0 *(.10) +	23251 *(.10) +	27000 *(.00) +	844 *(.85) =	3550
5078 *(.45) +	0 *(.45) +	23251 *(.45) +	27000 *(.10) +	844 *(.55) =	15912
5078 *(.30) +	0 *(.30) +	23251 *(.30) +	27000 *(.45) +	844 *(.10) =	20733
5078 *(.15) +	0 *(.15) +	23251 *(.15) +	27000 *(.30) +	844 *(.00) =	12349
5078 *(.00) +	0 *(.00) +	23251 *(.00) +	27000 *(.15) +	844 *(.00) =	4050
					56595

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	12342
3	29505	4	38284
5	38764	6	35194
7	31624	8	28054
9	24484	10	20914
11	17344	12	13774
13	10294	14	6634
15	3064	16	0

15.8 hours to clear link
\+ .1 hours to go from I-95 out of region to INDIAN RIV County Line
---
15.9 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: I-95 out of region

Response Curve :B
Hourly Link Capacity: 3576

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
5078 *(.05) +	0 *(.05) +	23251 *(.05) +	27000 *(.00) +	844 *(.95) =	2218
5078 *(.10) +	0 *(.10) +	23251 *(.10) +	27000 *(.05) +	844 *(.85) =	4900
5078 *(.35) +	0 *(.35) +	23251 *(.35) +	27000 *(.10) +	844 *(.50) =	13037
5078 *(.35) +	0 *(.35) +	23251 *(.35) +	27000 *(.35) +	844 *(.15) =	19491
5078 *(.10) +	0 *(.10) +	23251 *(.10) +	27000 *(.35) +	844 *(.05) =	12225
5078 *(.05) +	0 *(.05) +	23251 *(.05) +	27000 *(.10) +	844 *(.00) =	4116
5078 *(.00) +	0 *(.00) +	23251 *(.00) +	27000 *(.05) +	844 *(.00) =	1350
					57439

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	1330
3	10797	4	26719
5	35474	6	36020
7	33809	8	30230
9	25869	10	23090
11	19520	12	15950
13	12380	14	8810
15	5240	16	1670
17	0	18	0

16.4 hours to clear link
+ .1 hours to go from I-95 out of region to INDIAN RIV County Line
---
16.5 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: I-95 out of region

Response Curve :0
Hourly Link Capacity: 3570

Traveltime/Delay Analysis
INDIAN RIV County
Flood Level :FTIALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
5078 *(.03) +	0 *(.03) +	23251 *(.03) +	27000 *(.00) +	844 *(.97) =	1668
5078 *(.05) +	0 *(.05) +	23251 *(.05) +	27000 *(.03) +	844 *(.92) =	3002
5078 *(.07) +	0 *(.07) +	23251 *(.07) +	27000 *(.05) +	844 *(.85) =	4050
5078 *(.19) +	0 *(.19) +	23251 *(.19) +	27000 *(.07) +	844 *(.66) =	7829
5078 *(.32) +	0 *(.32) +	23251 *(.32) +	27000 *(.19) +	844 *(.34) =	14482
5078 *(.19) +	0 *(.19) +	23251 *(.19) +	27000 *(.32) +	844 *(.15) =	14149
5078 *(.07) +	0 *(.07) +	23251 *(.07) +	27000 *(.19) +	844 *(.08) =	7180
5078 *(.05) +	0 *(.05) +	23251 *(.05) +	27000 *(.07) +	844 *(.03) =	3331
5078 *(.03) +	0 *(.03) +	23251 *(.03) +	27000 *(.05) +	844 *(.00) =	2199
5078 *(.00) +	0 *(.00) +	23251 *(.00) +	27000 *(.03) +	844 *(.00) =	810
					58705

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	480	4	4739
5	15652	6	26231
7	29841	8	29603
9	28133	10	25472
11	21903	12	18323
13	14763	14	11193
15	7623	16	4053
17	483	18	0

17.1 hours to clear link
+ .1 hours to go from I-95 out of region to INDIAN RIV County Line
---
17.2 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: US1/Citrus Ave intersectn

Response Curve :A
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
ST. LUCIE County
Flood Level :FTSALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
6903 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1191 *(.85) =	1702
6903 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	1191 *(.55) =	3761
6903 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	1191 *(.10) =	2190
6903 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	1191 *(.00) =	1035
					8689

Carryover Analysis

Hour	Queue	Hour	Queue
1	182	2	2424
3	3094	4	2609
5	1089	6	0

5.71 hours to clear link
\+ .5 hours to go from US1/Citrus Ave intersectn to ST. LUCIE County Line
6.21 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: US1/Citrus Ave intersectn

Response Curve :6
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
ST. LUCIE County
Flood Level :FTSALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
6903 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1191 *(.95) =	1476
6903 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1191 *(.85) =	1702
6903 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1191 *(.50) =	3011
6903 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1191 *(.15) =	2594
6903 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1191 *(.05) =	749
6903 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1191 *(.00) =	345
					9880

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	182
3	1674	4	2748
5	1978	6	803
7	0	8	0

6.52 hours to clear link
+ .5 hours to go from US1/Citrus Ave intersectn to ST. LUCIE County Line
---
7.02 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: US1/Citrus Ave intersectn

Response Curve :C
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
ST. LUCIE County
Flood Level :FTSALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
6903 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1191 *(.97) =	1362
6903 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1191 *(.92) =	1440
6903 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1191 *(.85) =	1495
6903 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1191 *(.66) =	2097
6903 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	1191 *(.34) =	2613
6903 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1191 *(.15) =	1490
6903 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1191 *(.08) =	578
6903 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1191 *(.03) =	380
6903 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1191 *(.00) =	207
					11667

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	0	4	577
5	1671	6	1641
7	700	8	0
9	0	10	0

9 hours to clear link
+ .5 hours to go from US1/Citrus Ave intersectn to ST. LUCIE County Line
---
9.5 hours clearance time

Zones Adjacent to Link: 6
Other Zones in the County: 0

Critical Link: US1/Citrus Ave intersectn

Response Curve :A
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
ST. LUCIE County
Flood Level :FTSBHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
8260 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1488 *(.85) =	2090
8260 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	1488 *(.55) =	4535
8260 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	1488 *(.10) =	2626
8260 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	1488 *(.00) =	1239
					10492

Carryover Analysis

Hour	Queue	Hour	Queue
1	570	2	3586
3	4693	4	4412
5	2892	6	1372
7	0	8	0

6.9 hours to clear link
\+ .5 hours to go from US1/Citrus Ave intersectn to ST. LUCIE County Line
---
7.4 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: US1/Citrus Ave intersectn

Response Curve :N
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
ST. LUCIE County
Flood Level :FTSBHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
8260 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1488 *(.95) =	1826
8260 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1488 *(.85) =	2090
8260 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1488 *(.50) =	3635
8260 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1488 *(.15) =	3114
8260 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1488 *(.05) =	900
8260 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1488 *(.00) =	413
					11980

Carryover Analysis

Hour	Queue	Hour	Queue
1	306	2	877
3	2992	4	4586
5	3966	6	2859
7	1339	8	0

7.88 hours to clear link
\+ .5 hours to go from US1/Citrus Ave intersectn to ST. LUCIE County Line
---
8.38 hours clearance time

Zones Adjacent to Link 6
Other Zones in the County 0

Critical Link: US1/Citrus Ave intersectn

Response Curve :C
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
ST. LUCIE County
Flood Level :FTSBHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
8260 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1488 *(.97) =	1691
8260 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1488 *(.92) =	1781
8260 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1488 *(.85) =	1843
8260 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1488 *(.66) =	2551
8260 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	1488 *(.34) =	3149
8260 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1488 *(.15) =	1792
8260 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1488 *(.08) =	697
8260 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1488 *(.03) =	457
8260 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1488 *(.00) =	247
					14211

Carryover Analysis

Hour	Queue	Hour	Queue
1	171	2	433
3	756	4	1787
5	3416	6	3689
7	2866	8	1804
9	531	10	0

9.34 hours to clear link
+ .5 hours to go from US1/Citrus Ave intersectn to ST. LUCIE County Line
9.84 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Martin Downs Blvd

Response Curve :A
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
MARTIN County
Flood Level :FTNALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9199 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	817 *(.85) =	1614
9199 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	817 *(.55) =	4589
9199 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	817 *(.10) =	2841
9199 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	817 *(.00) =	1379
					10424

Carryover Analysis

Hour	Queue	Hour	Queue
1	94	2	3163
3	4484	4	4344
5	2824	6	1304
7	0	8	0

6.85 hours to clear link
\+ .3 hours to go from Martin Downs Blvd to MARTIN County Line
---
7.15 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Martin Downs Blvd

Response Curve :8
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
MARTIN County
Flood Level :FTMALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9199 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	817 *(.95) =	1236
9199 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	817 *(.85) =	1614
9199 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	817 *(.50) =	3628
9199 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	817 *(.15) =	3342
9199 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	817 *(.05) =	960
9199 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	817 *(.00) =	459
					11241

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	94
3	2202	4	4024
5	3465	6	2403
7	885	8	0

7.58 hours to clear link
\+ .3 hours to go from Martin Downs Blvd to MARTIN County Line
---
7.88 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Martin Downs Blvd

Response Curve :0
Hourly Link Capacity: 1599

Traveltime/Delay Analysis
MARTIN County
Flood Level :FTMALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9199 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	817 *(.97) =	1068
9199 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	817 *(.92) =	1211
9199 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	817 *(.85) =	1338
9199 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	817 *(.66) =	2287
9199 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	817 *(.34) =	3221
9199 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	817 *(.15) =	1870
9199 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	817 *(.08) =	709
9199 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	817 *(.03) =	484
9199 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	817 *(.00) =	275
					12467

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	0	4	767
5	2462	6	2818
7	2008	8	972
9	0	10	0

9 hours to clear link
\+ .3 hours to go from Martin Downs Blvd to MARTIN County Line
---
9.3 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Martin Downs Blvd

Response Curve :A
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
MARTIN County
Flood Level :FTMCHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
23924 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1021 *(.85) =	3260
23924 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	1021 *(.55) =	11327
23924 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	1021 *(.10) =	7279
23924 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	1021 *(.00) =	3588
					25455

Carryover Analysis

Hour	Queue	Hour	Queue
1	1740	2	11547
3	17306	4	19375
5	17855	6	16335
7	14815	8	13295
9	11775	10	10255
11	8735	12	7215
13	5695	14	4175
15	2655	16	1135
17	0	18	0

16.7 hours to clear link
\+ .3 hours to go from Martin Downs Blvd to MARTIN County Line
---
17.0 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Martin Downs Blvd

Response Curve :5
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
MARTIN County
Flood Level :FTMCHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
23924 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1021 *(.95) =	2166
23924 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1021 *(.85) =	3260
23924 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1021 *(.50) =	8883
23924 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1021 *(.15) =	8526
23924 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1021 *(.05) =	2443
23924 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1021 *(.00) =	1196
					26476

Carryover Analysis

Hour	Queue	Hour	Queue
1	646	2	2386
3	9750	4	16756
5	17680	6	17356
7	15836	8	14316
9	12796	10	11276
11	9756	12	8236
13	6716	14	5196
15	3676	16	2156
17	636	18	0

17.4 hours to clear link
\+ .3 hours to go from Martin Downs Blvd to MARTIN County Line
---
17.7 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Martin Downs Blvd

Response Curve :C
Hourly Link Capacity: 1520

Traveltime/Delay Analysis
MARTIN County
Flood Level :FTMCHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
23924 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1021 *(.97) =	1708
23924 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1021 *(.92) =	2135
23924 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1021 *(.85) =	2542
23924 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1021 *(.66) =	5219
23924 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	1021 *(.34) =	8002
23924 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1021 *(.15) =	4698
23924 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1021 *(.08) =	1756
23924 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1021 *(.03) =	1226
23924 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1021 *(.00) =	717
					28008

Carryover Analysis

Hour	Queue	Hour	Queue
1	188	2	803
3	1826	4	5525
5	12008	6	15187
7	15423	8	15130
9	14327	10	12807
11	11287	12	9767
13	8247	14	6727
15	5207	16	3687
17	2167	19	647
19	0	20	0

18.4 hours to clear link
\+ .3 hours to go from Martin Downs Blvd to MARTIN County Line
---
18.7 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :A
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9477 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	488 *(.85) =	1362
9477 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	488 *(.55) =	4533
9477 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	488 *(.10) =	2891
9477 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	488 *(.00) =	1421
					10209

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	3103
3	4564	4	4556
5	3126	6	1696
7	266	8	0

7.18 hours to clear link
\+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
---
7.28 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :F
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9477 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	488 *(.95) =	937
9477 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	488 *(.85) =	1362
9477 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	488 *(.50) =	3560
9477 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	488 *(.15) =	3390
9477 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	488 *(.05) =	972
9477 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	488 *(.00) =	473
					10696

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	2130	4	4091
5	3633	6	2677
7	1247	8	0

7.87 hours to clear link
\+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
7.97 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of Alt#1A

Response Curve :2
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPALT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9477 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	488 *(.97) =	757
9477 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	488 *(.92) =	922
9477 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	488 *(.85) =	1078
9477 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	488 *(.66) =	2122
9477 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	488 *(.34) =	3198
9477 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	488 *(.15) =	1873
9477 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	488 *(.08) =	702
9477 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	488 *(.03) =	488
9477 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	488 *(.00) =	284
					11428

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	0	4	692
5	2461	6	2905
7	2177	8	1256
9	90	10	0

9.06 hours to clear link
+ .1 hours to go from Indiantown Rd w of Alt#14 to PALM BEACH County Line
---
9.16 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :A
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPALT peak period

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9477 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1300 *(.85) =	2052
9477 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	1300 *(.55) =	4979
9477 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	1300 *(.10) =	2973
9477 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	1300 *(.00) =	1421
					11426

Carryover Analysis

Hour	Queue	Hour	Queue
1	622	2	4172
3	5715	4	5707
5	4277	6	2847
7	1417	8	0

7.99 hours to clear link
\+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
8.09 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :B
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPALT peak period

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
9477 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1300 *(.95) =	1708
9477 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1300 *(.85) =	2052
9477 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1300 *(.50) =	3966
9477 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1300 *(.15) =	3511
9477 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1300 *(.05) =	1012
9477 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1300 *(.00) =	473
					12727

Carryover Analysis

Hour	Queue	Hour	Queue
1	278	2	901
3	3438	4	5520
5	5103	6	4147
7	2717	8	1287
9	0	10	0

8.89 hours to clear link
+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
---
9 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :E
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPALT peak period

ZONES ADJACENT TO LINK		OTHER ZONES IN COUNTY		OTHER COUNTIES IN REGION		OTHER REG.		BACKGROUND		TOTALS
9477	*(.03) +	0	*(.03) +	0	*(.03) +	0	*(.03) +	1300	*(.97) =	1545
9477	*(.05) +	0	*(.05) +	0	*(.05) +	0	*(.05) +	1300	*(.92) =	1669
9477	*(.07) +	0	*(.07) +	0	*(.07) +	0	*(.07) +	1300	*(.85) =	1768
9477	*(.19) +	0	*(.19) +	0	*(.19) +	0	*(.19) +	1300	*(.66) =	2656
9477	*(.32) +	0	*(.32) +	0	*(.32) +	0	*(.32) +	1300	*(.34) =	3474
9477	*(.19) +	0	*(.19) +	0	*(.19) +	0	*(.19) +	1300	*(.15) =	1995
9477	*(.07) +	0	*(.07) +	0	*(.07) +	0	*(.07) +	1300	*(.08) =	767
9477	*(.05) +	0	*(.05) +	0	*(.05) +	0	*(.05) +	1300	*(.03) =	512
9477	*(.03) +	0	*(.03) +	0	*(.03) +	0	*(.03) +	1300	*(.00) =	284
										14676

Carryover Analysis

Hour	Queue	Hour	Queue
1	115	2	355
3	693	4	1922
5	3966	6	4532
7	3869	8	2952
9	1807	10	377
11	0	12	0

10.2 hours to clear link
\+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
10.3 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :4
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPCNT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
16123 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	650 *(.85) =	2164
16123 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	650 *(.55) =	7612
16123 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	650 *(.10) =	4901
16123 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	650 *(.00) =	2416
					17093

Carryover Analysis

Hour	Queue	Hour	Queue
1	734	2	6917
3	10389	4	11376
5	9946	6	8516
7	7088	8	5656
9	4228	10	2798
11	1368	12	0

11.9 hours to clear link
+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
---
12.0 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :B
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPCHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
16123 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	650 *(.95) =	1423
16123 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	650 *(.85) =	2164
16123 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	650 *(.50) =	5968
16123 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	650 *(.15) =	5740
16123 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	650 *(.05) =	1644
16123 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	650 *(.00) =	806
					17748

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	734
3	5272	4	9583
5	9798	6	9174
7	7744	8	6314
9	4884	10	3454
11	2024	12	594
13	0	14	0

12.4 hours to clear link
\+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
---
12.5 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :C
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FIPCHT

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
16123 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	650 *(.97) =	1114
16123 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	650 *(.92) =	1404
16123 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	650 *(.85) =	1681
16123 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	650 *(.66) =	3492
16123 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	650 *(.34) =	5380
16123 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	650 *(.15) =	3160
16123 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	650 *(.08) =	1180
16123 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	650 *(.03) =	825
16123 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	650 *(.00) =	483
					18723

Carryover Analysis

Hour	Queue	Hour	Queue
1	0	2	0
3	251	4	2313
5	6263	6	7994
7	7745	8	7140
9	6194	10	4764
11	3334	12	1904
13	474	14	0

13.3 hours to clear link
\+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
---
13.4 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve :A
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPCHT peak period

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
16123 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1625 *(.85) =	2993
16123 *(.45) +	0 *(.45) +	0 *(.45) +	0 *(.45) +	1625 *(.55) =	8149
16123 *(.30) +	0 *(.30) +	0 *(.30) +	0 *(.30) +	1625 *(.10) =	4999
16123 *(.15) +	0 *(.15) +	0 *(.15) +	0 *(.15) +	1625 *(.00) =	2418
					18560

Carryover Analysis

Hour	Queue	Hour	Queue
1	1563	2	8282
3	11852	4	12840
5	11410	6	9980
7	8550	8	7120
9	5690	10	4260
11	2830	12	1400
13	0	14	0

12.9 hours to clear link
\+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
13.0 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Link: Indiantown Rd w of AltA1A

Response Curve 18
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPCHT peak period

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
16123 *(.05) +	0 *(.65) +	0 *(.05) +	0 *(.05) +	1625 *(.95) =	2349
16123 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1625 *(.85) =	2993
16123 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1625 *(.50) =	6455
16123 *(.35) +	0 *(.35) +	0 *(.35) +	0 *(.35) +	1625 *(.15) =	5866
16123 *(.10) +	0 *(.10) +	0 *(.10) +	0 *(.10) +	1625 *(.05) =	1693
16123 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1625 *(.00) =	806
					20185

Carryover Analysis

Hour	Queue	Hour	Queue
1	919	2	2483
3	7509	4	11965
5	12229	6	11605
7	10175	8	8745
9	7015	10	5885
11	4455	12	3025
13	1595	14	165
15	0	16	0

14.1 hours to clear link
+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
14.2 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0

Critical Links: Indiantown Rd w of AltA1A

Response Curve :C
Hourly Link Capacity: 1430

Traveltime/Delay Analysis
PALM BEACH County
Flood Level :FTPCNT peak period

ZONES ADJACENT TO LINK	OTHER ZONES IN COUNTY	OTHER COUNTIES IN REGION	OTHER REG.	BACKGROUND	TOTALS
16123 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1625 *(.97) =	2059
16123 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1625 *(.92) =	2301
16123 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1625 *(.85) =	2509
16123 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1625 *(.66) =	4135
16123 *(.32) +	0 *(.32) +	0 *(.32) +	0 *(.32) +	1625 *(.34) =	5711
16123 *(.19) +	0 *(.19) +	0 *(.19) +	0 *(.19) +	1625 *(.15) =	3307
16123 *(.07) +	0 *(.07) +	0 *(.07) +	0 *(.07) +	1625 *(.08) =	1258
16123 *(.05) +	0 *(.05) +	0 *(.05) +	0 *(.05) +	1625 *(.03) =	854
16123 *(.03) +	0 *(.03) +	0 *(.03) +	0 *(.03) +	1625 *(.00) =	485
					22623

Carryover Analysis

Hour	Queue	Hour	Queue
1	629	2	1501
3	2580	4	5286
5	9568	6	11445
7	11274	8	10699
9	9755	10	8323
11	6993	12	5463
13	4033	14	2603
15	1173	16	0

15.8 hours to clear link
+ .1 hours to go from Indiantown Rd w of AltA1A to PALM BEACH County Line
---
15.9 hours clearance time

Zones Adjacent to Link 0
Other Zones in the County 0