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A THREE-DIMENSIONAL FINITE DIFFERENCE GROUND WATER FLOW MODEL OF WESTERN COLLIER COUNTY, FLORIDA

by

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ABSTRACT

The western portion of Collier County is underlain by three aquifer systems: the Surficial Aquifer System, the Intermediate Aquifer System and the Floridan Aquifer System. The Surficial Aquifer System is composed of the Surficial and lower Tamiami aquifers and represents the predominate source of ground water for urban and agricultural withdrawals. These two aquifers are separated by the lower Tamiami confining unit over the majority of the model area. The Intermediate Aquifer System is represented by the sandstone, mid-Hawthorn, and lower Hawthorn aquifers and intervening confining units. The Floridan Aquifer System is comprised of the Suwannee and deeper aquifers. A three-dimensional ground water flow model was developed using the U. S. Geological Survey modular flow code (MODFLOW). The model consists of five layers representing the Surficial, lower Tamiami, sandstone, mid Hawthorn and lower Hawthorn aquifers. The model area was discretized using a finite difference grid of 47 columns and 73 rows. Initial aquifer parameters were obtained from the first phase of the ground water resource assessment of Collier County and the District's three-dimensional ground water flow models of Hendry and Lee counties. A transient calibration was performed for a 35 month period (February 1986 to December 1988) by comparing simulated water levels against observed levels from an extensive ground water monitor network. The monthly simulated heads were in general agreement with observed water levels in the majority of the monitor wells used to calibrate the model. Analysis of the sensitivity tests indicate that heads in the lower Tamiami, sandstone and mid-Hawthorn aquifers are sensitive to changes in vertical conductance (Vcont). Heads in the Surficial aquifer are sensitive to changes in the degree of stresses such as recharge and evapotranspiration and to variations in the evapotranspiration surface.

INTRODUCTION

PURPOSE AND SCOPE

The purpose of this study was to develop a three-dimensional ground water flow model to assess the natural and man-made stresses that act upon the Surficial and Intermediate aquifer systems in western Collier County. The model was calibrated to existing data and has greater capabilities in assessing the interaction between the various aquifers caused by these stresses than the existing analytical and two-dimensional ground water flow models used by the District. An immediate use will be to evaluate requests for large ground water withdrawals in environmentally sensitive areas, assess the impacts of proposed water use upon adjacent users and to conduct drought impact assessments. It can also be used to determine the long term development potential of the ground water resource(s) and as a tool to develop a water supply plan for western Collier County.

LOCATION OF STUDY AREA

Collier County is located along the southwest coast of Florida (Figure 1). The study area (Figure 2) encompasses all of Collier County west of SR 29 and a six to ten mile buffer zone into the adjacent counties of Lee and Hendry. It lies generally within Township 45 through 49 South, and Ranges 25 through 31 East, and covers approximately 3,000 square miles.

PREVIOUS INVESTIGATIONS

Numerous geologic and stratigraphic investigations of southern Florida including Collier County have been conducted since the early 1900's. Geologic studies include works by Matson and Clapp (1909), Matson and Sanford (1913), and Cooke and Mossom (1929), which were later summarized by Parker and Cooke (1944), and Parker et al. (1955). The regional stratigraphic framework of Collier County has been delineated by Cole (1941), Applin and Applin (1944 and 1964), Dubar (1958 and 1962), Chen (1964), Puri and Vernon (1964) and Peck et al. (1977 and 1979). A summary of the geology of southern Florida has been completed by Missimer (1984). In this work, he also suggests establishing the Hawthorn Formation as a stratigraphic group. The presence of structural features within the underlying bedrock such as folds and faults has been suggested by Tanner (1965), Sproul et al. (1972), Missimer and Garner (1976) and Burns (1983).

In recognition of increased urban development along the coastal portion of the Collier County, hydrogeologic investigations were initiated by the county in cooperation with the U.S. Geological Survey. These studies include Klein (1954) and Schroeder and Klein (1961), which outlined the geologic and hydraulic framework in western and northwestern Collier County. McCoy (1962) incorporated these works and additional information into a more regional hydrogeologic investigation of Collier County. Other hydrogeologic investigations of the Surficial and Intermediate Aquifer Systems in sections of Collier County include Gee and Jensen (1980) of the East Naples area, Jakob (1983) south of Naples, and Missimer and Associates (1983) of the Cocohatchee Watershed. Stewart et al. (1982) conducted a surface resistivity study in connection with assessing the ground water resources of Collier County. The most recent regional ground water assessment of western Collier County was completed by Knapp et al. (1986). In that study, the hydrogeologic parameters from their investigation and previous works are summarized and incorporated into two-dimensional models for various portions of Collier County. Hunter Hydrosoft (1989) utilized this information in creating a ground water flow model depicting flow around public water supply wellfields under future withdrawal scenarios. In addition, numerous hydrogeologic studies have been conducted and models developed for various localized areas within the County by private consultants.

Regional hydrogeologic investigations of the adjacent counties include Wedderburn et al. (1982) and Montgomery and Associates (1988) of Lee County and Smith and Adams (1988) of Hendry County. Three-dimensional ground water flow models have been developed for Lee County by Camp Dresser and McKee (1987) and Bower et al. (1990). In an unpublished thesis, Painter (1984) discusses the results of a three-dimensional model for a portion of Lee County. Smith (1990) documents the development and results of a three-dimensional model for Hendry County.

HYDROGEOLOGY

Western Collier County is underlain by three aquifer systems: the Surficial Aquifer System, the Intermediate Aquifer System and the Floridan Aquifer System. The model developed in this study incorporates both the Surficial and Intermediate

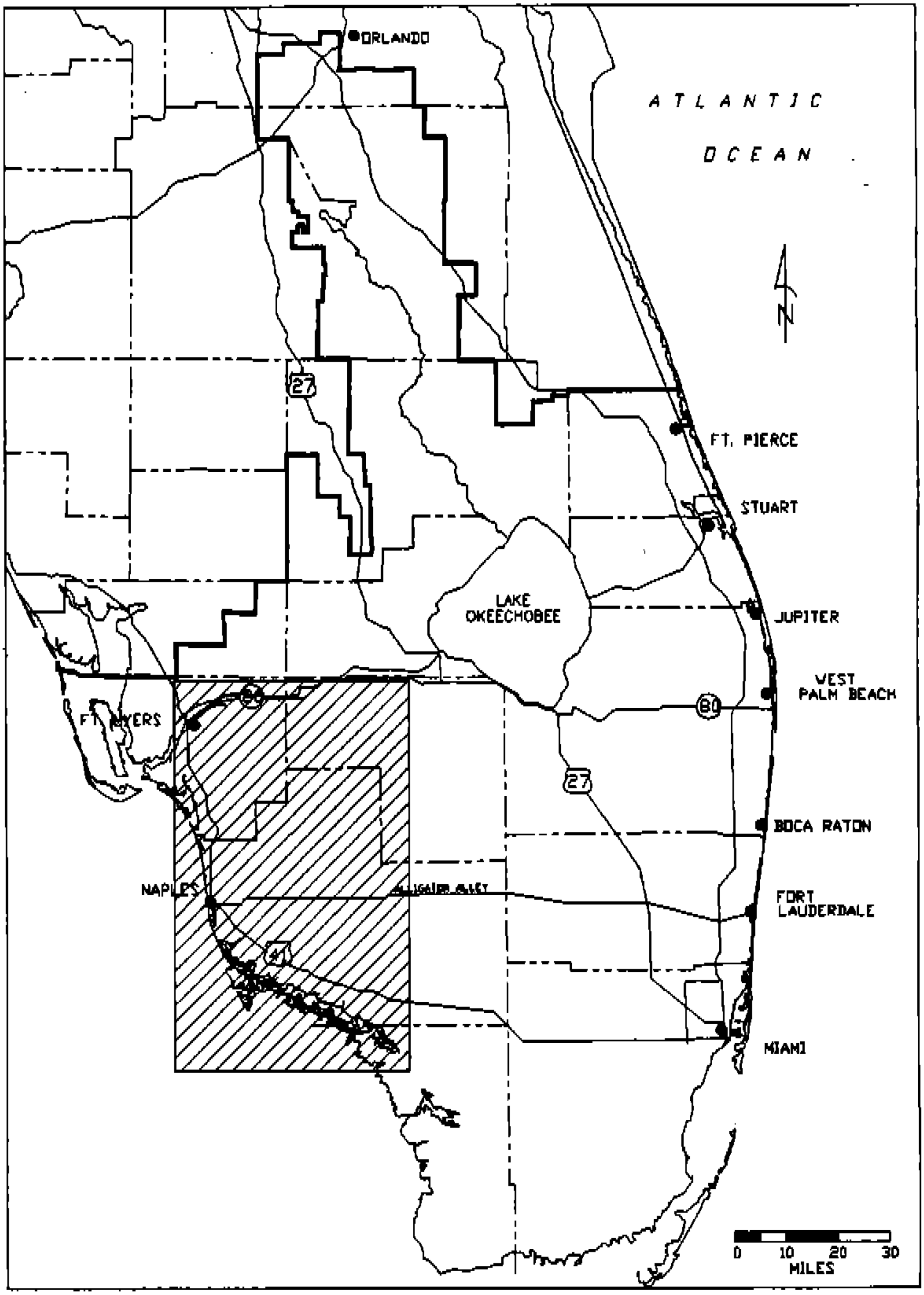


FIGURE 1. Location of Study Area

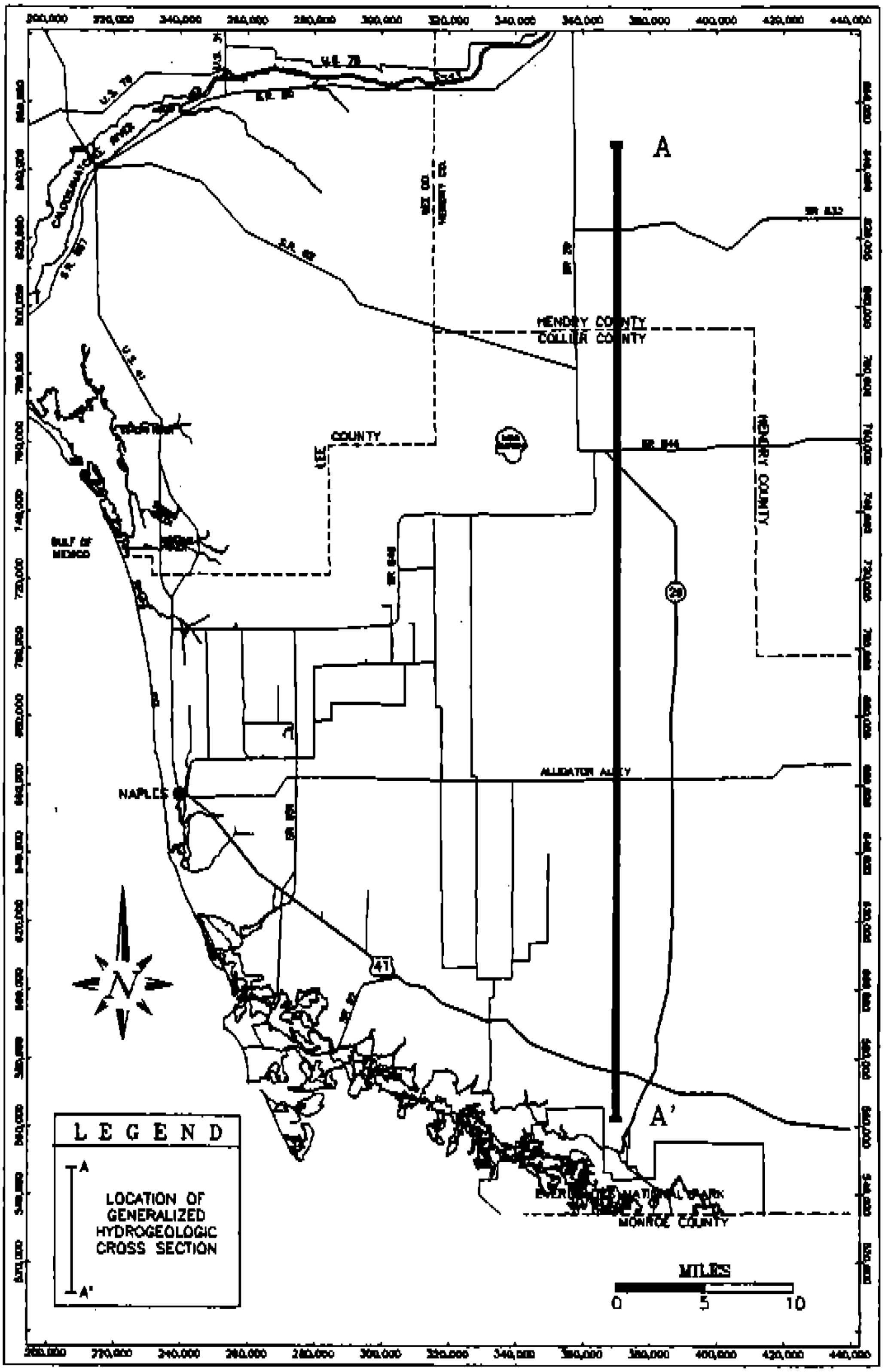


FIGURE 2. Study Area

Aquifer Systems. The lower portion of the Intermediate System (lower Hawthorn aquifer) is only used to hydraulically support the overlying aquifers. Relative depths and thicknesses of the aquifers are indicated in Figure 3.

Surficial Aquifer System

In southwest Florida, the Surficial Aquifer System is composed of the Surficial and lower Tamiami aquifers. These aquifers are the predominate source of ground water for urban and agricultural withdrawals.

Surficial Aquifer. The Surficial aquifer is under unconfined conditions and is composed primarily of fine to medium grained quartz sands, with minor amounts of clay and shell material of the Pleistocene and Holocene terrace deposits and sandy biogenic limestones of the Tamiami Formation. Hydraulic conductivities range from 100 ft/day to over 3,500 ft/day with the higher transmissivities occurring in the Cocohatchee watershed where the aquifer is composed of highly permeable coralline limestone.

Lower Tamiami Confining Unit. The Surficial aquifer is separated from the lower Tamiami aquifer over most of the model area by the lower Tamiami confining unit. This unit is composed of low permeable calcareous sandy clays, and poorly indurated limestone and dolosilts, which retard the vertical flow of water between the Surficial and lower Tamiami aquifers. These beds are considered leaky with leakance values ranging from 1×10^{-1} to 1×10^{-5} ft/day^{-1} depending on clay content and degree of induration. In the southern portion of Lee County, north of the Bonita Springs area, minimal to no confinement occurs between the two aquifers due to the thinning or absence of these confining beds.

Lower Tamiami Aquifer. The lower Tamiami aquifer is under semi-confined conditions caused by the overlying and underlying confining units which restrict vertical flow. The majority of recharge to the aquifer comes from downward vertical flow through the leaky lower Tamiami confining unit from the Surficial aquifer. The lower Tamiami aquifer ceases to act as a semi-confined aquifer where confinement is minimal or non-existent (Figure 4). Within such areas, the lower Tamiami and Surficial aquifers function as a single unconfined aquifer (Surficial Aquifer System). This area generally corresponds to a thick occurrence of the Surficial aquifer.

Reported transmissivities in the lower Tamiami aquifer range from approximately 10,000 ft^2/day to 320,000 ft^2/day. The most productive locations are found within the Golden Gate Estates area. Transmissivities generally decrease towards the east due to thinning of the carbonate facies and increased clastic content in the formation (Knapp et al., 1986). This aquifer is generally the predominate water producing unit in most of Collier County as a result of its relatively shallow depth, good water quality and high productivity.

Intermediate Aquifer System

The Intermediate Aquifer System separates and confines the poorer quality water of the Floridan Aquifer System from the higher quality water of the Surficial Aquifer System. It contains the sandstone, mid-Hawthorn and lower Hawthorn aquifers and intervening confining units.

Upper Hawthorn Confining Unit. Wedderburn et al. (1982) denotes the upper Hawthorn confining unit as zone of low permeability in the uppermost portion of the Hawthorn Group in Lee County. This unit separates the lower Tamiami aquifer from the sandstone aquifer where the sandstone is present. In southern Collier and eastern Hendry counties, the sandstone aquifer pinches out and the upper Hawthorn confining unit lies directly on top of the mid-Hawthorn confining unit. The upper Hawthorn confining unit consists of a mixture of low permeable clays, dolosilts and limestones. Vertical leakance for the upper Hawthorn confining unit range from 1×10^{-3} to 1×10^{-5} day^{-1}.

Sandstone Aquifer. The sandstone aquifer is a semi-confined aquifer separated from the Surficial Aquifer System by the overlying upper Hawthorn confining unit. This aquifer is continuous across most of the model area, but pinches out south of Alligator Alley (Knapp et al., 1986) and in west-central Hendry County (Smith and Adams, 1988). It consists of sandy limestone, sandstone, sandy dolomites and calcareous sands. In Collier and Hendry counties, the sandstone aquifer is predominately utilized for agricultural irrigation, but in Lee County it is stressed by both agricultural and urban withdrawals. Reported values of transmissivity in the sandstone aquifer range from approximately 160 ft^2/day to 25,000 ft^2/day.

Mid-Hawthorn Confining Unit. The mid-Hawthorn confining unit underlies the sandstone aquifer. This unit merges with the upper Hawthorn confining unit in those areas where the sandstone aquifer is absent. Lithologically, it consists of a relatively thick sequence of clayey dolosilt (Knapp et al., 1986) which effectively limits vertical flow to the overlying aquifers. Vertical leakance for the mid-Hawthorn confining unit range from 1×10^{-4} to 1×10^{-6} day^{-1}.

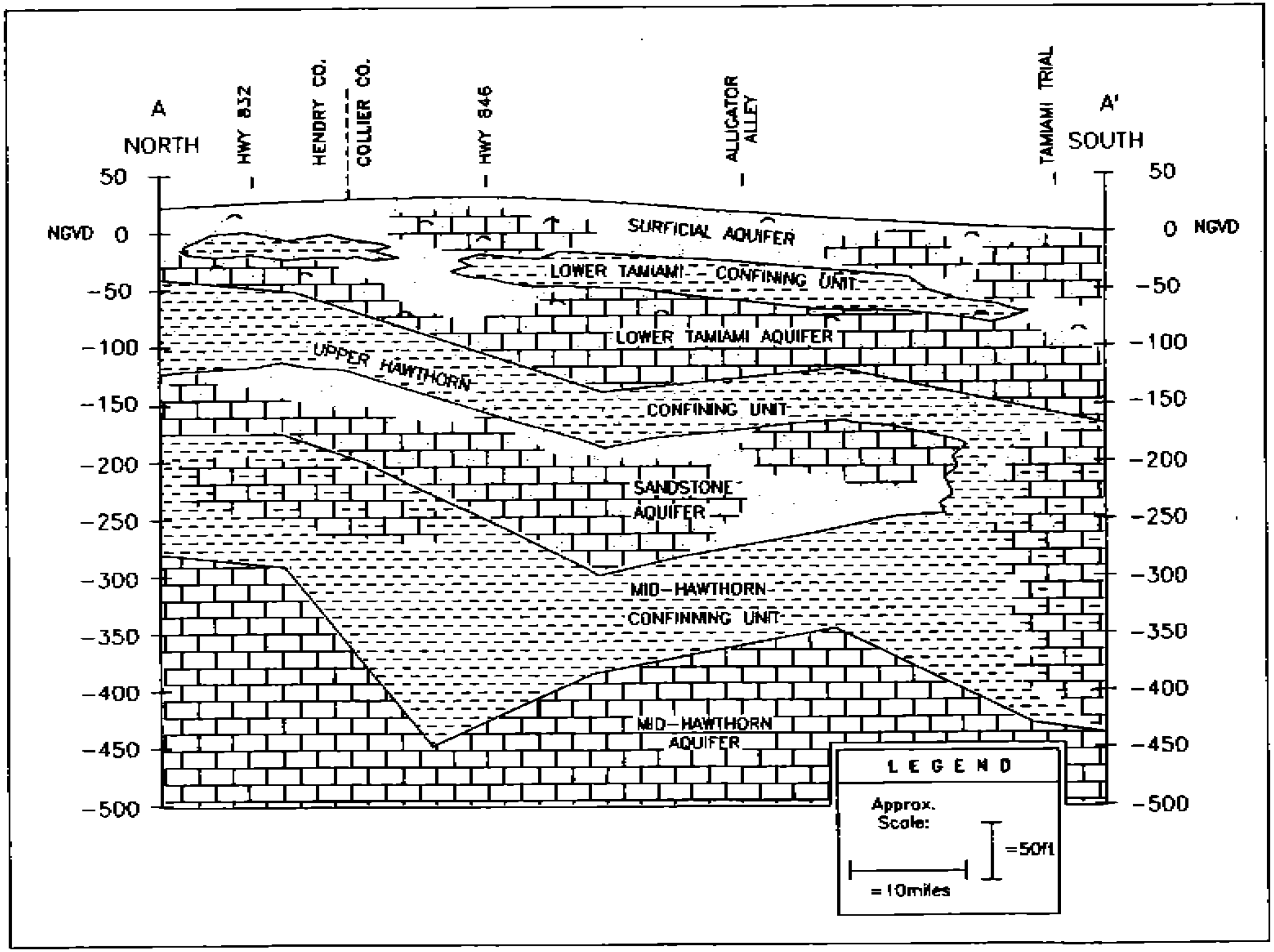


FIGURE 3. Generalized Hydrogeologic Cross Section of Collier County

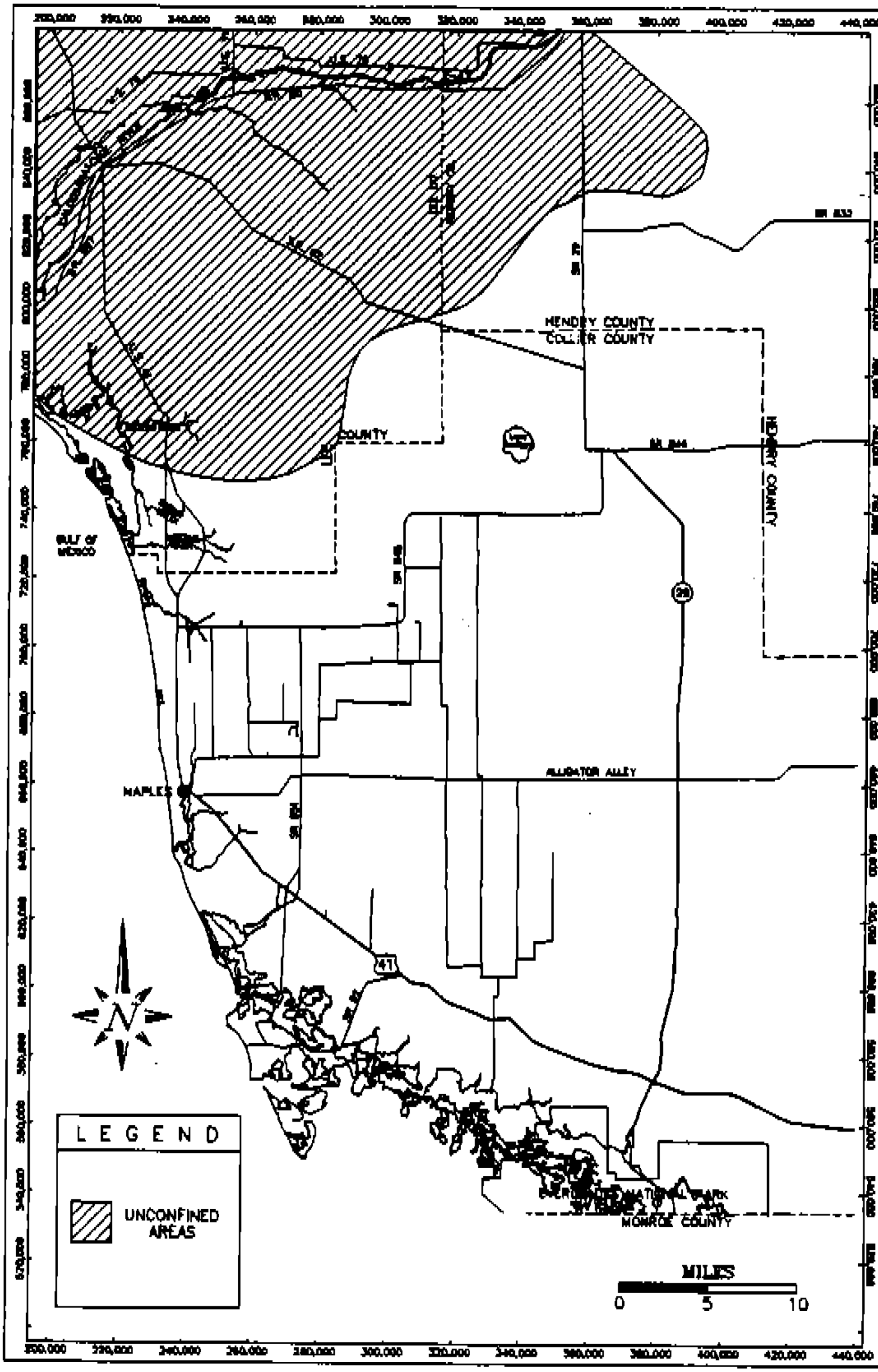


FIGURE 4. Areal Extent of Unconfined Occurrence of Lower Tamiami Aquifer

Mid-Hawthorn Aquifer. The mid-Hawthorn aquifer is not highly utilized in either Collier or adjacent Hendry counties due to increased well depths, poorer quality water and relatively low yields. Only recently have wells been drilled into this aquifer to supplement agricultural withdrawals from the overlying aquifers in Collier County. However, in Lee County, the mid-Hawthorn aquifer has been greatly stressed by significant residential irrigation withdrawals. This aquifer is composed of sandy and phosphatic limestones and dolomites interbedded with lower permeable beds of dolosilt and poorly indurated limestones (Knapp et al., 1986). Locally transmissivities may exceed 4,000 ft^2/day, but generally range from 500 ft^2/day to 1,200 ft^2/day over the model area.

Lower Hawthorn Confining Unit. The lower Hawthorn confining unit underlies the mid-Hawthorn aquifer and consists of varying thicknesses of poorly indurated limestone and interbedded clays, dolosilt, and carbonate muds. Vertical leakance for this confining unit range from 1×10^{-3} to 1×10^{-6} day^{-1}. based primarily on data from the Cape Coral/Ft. Myers area in Lee County (Missimer, 1991).

Lower Hawthorn Aquifer. The lower Hawthorn aquifer is also a semi-confined aquifer and is composed primarily of fossiliferous limestone containing minor amounts of silts and sands. Transmissivity values are highly variable and range from 1,800 ft^2/day to 12,500 ft^2/day. This hydraulic information is based on aquifer tests conducted in the Cape Coral/Ft. Myers area of Lee County (Missimer, 1991). Ground water withdrawals from this aquifer are very limited within Collier County due to its poor water quality (high chloride concentration) and greater well depths.

MODEL DESCRIPTION

INTRODUCTION

The model used in this study is the modular three-dimensional finite-difference ground water flow model (MODFLOW) developed by the U.S Geological Survey (McDonald and Harbaugh, 1988). This model was selected for the following reasons:

1. It is available in the public domain and is compatible with most computer systems,
2. The modular structure of the code and its excellent documentation allow easy modification of the code and the addition of new modules for specialty applications,
3. MODFLOW allows great flexibility of data file structure and management; this facilitates the employment of and interaction with other software for data manipulation,
4. The cell-by-cell flow feature of the code can be used to:
   A. Evaluate in detail flow and head changes associated with various withdrawal scenarios, and
   B. Generate boundary conditions for higher-resolution models within areas of regional flow model.

The MODFLOW code contains modules which simulate recharge, evapotranspiration, rivers, drains, wells, and other sources and sinks of water external to the model. Three iterative solution schemes are available for simulating flow problems: slice successive over relaxation (SSOR), strongly implicit procedure (SIP), and the preconditioned conjugate gradient (PCG) method (Kuiper, 1987). SSOR is the better solution method for some multiple layered conditions, however, it is not as direct as SIP and it requires more time to arrive at a solution. PCG is frequently faster than SIP or SSOR for complex flow systems. The SIP solution method was used in the western Collier County model because of its efficiency under normal conditions. Table 1 summarizes the MODFLOW modules and their specific application to the western Collier County model.

MODFLOW allows several types of boundaries to be set in a model: specified head, specified flux and head dependent flux. Constant head is a specified head boundary which maintains the same user-specified head level throughout the transient simulation and may be used when the cell is in contact with a large surface water body. Specified flux boundaries can be simulated through the use of external source terms in the model. A no-flow boundary is a type of specified flux boundary and is used where the ground water flow regime is such that flow across the boundary is not expected to occur. Head dependent flux boundaries, as the name implies, generates a flux which depends on the head in the cell and a user specified head assigned to the external source and upon some proportionality factor. All types of boundary conditions can be set anywhere within a model grid. A specified flux (no flow) boundary is implicit along the outer edges of each layer and bottom of a model grid.

DISCRETIZATION

The study area was discretized into a horizontal grid comprised of cells measuring one square mile, assembled into a grid of 73 rows and 47 columns (Figure 5). The model grid was set to spatially match and overlap the grid used in the existing SFWMD three-dimensional ground water flow model of Lee County (Bower et al., 1990) and in close proximity to the Hendry County model (Smith, 1990).

MODFLOW offers two options for vertical discretization. In a fully three-dimensional model, the confining zones are represented in the model as individual layers. Values of transmissivity, storage, and vertical hydraulic conductivity for the confining zone are required for this approach. A fully three-dimensional model would more accurately simulate flow conditions where horizontal flow in the confining zone is an important part of the flow regime. In a quasi-three-dimensional model, the confining zones are not represented as individual layers, but as vertical conductance terms (Vcont), which represents a hypothetical interface separating the model layers. Within the study area, the values of hydraulic conductivity exhibited by the aquifers are several orders of magnitude greater than those in the confining zones. Therefore, it can be assumed that on the regional scale of this model, flow in the aquifers is primarily horizontal and flow across the confining zones is primarily vertical. Thus, the quasi-three-dimensional approach is a good approximation of the ground water flow regime in Collier County.

The western Collier County model contains five layers (Figure 6), representing the Surficial,

TABLE 1
MODFLOW MODULES AND APPLICATION TO THE COLLIER COUNTY MODEL

MODFLOW MODULE	FUNCTION	USE IN MODEL
Basic	Model Administration	Used
Block Centered Flow	Computation of Aquifer Parameter Input Sets	Used
Well	Simulates a source/sink to the model that is not affected by aquifer head	Used to simulate pumpage
Drain	Simulates discharge from model dependent on aquifer head	Used to simulate major drainage canals.
River	Simulates effects of river leakage. May recharge or drain model depending on head differences.	Used to simulate surface water interactions
ET	Simulates discharge through evapotranspiration	Used
General Head Boundary	Simulates a source/sink at rates depending on head differences between source/sink and aquifer	Used
Recharge	Simulates recharge to model from infiltration of rainfall	Used
SIP	Solves finite difference equations using the Strongly Implicit Procedure	Used for final steady-state and transient calibration
SSOR	Solves finite difference equations using the Slice Successive Over Relaxation Method	Not Used
PCG	Solves finite difference equations using the Preconceived Conjugate Gradient Method	Not Used
Output Control	Specifies output format	Used
Observation Nodes	Generates a file of computed heads for selected nodes	Used to generate convergence maps and hydrographs

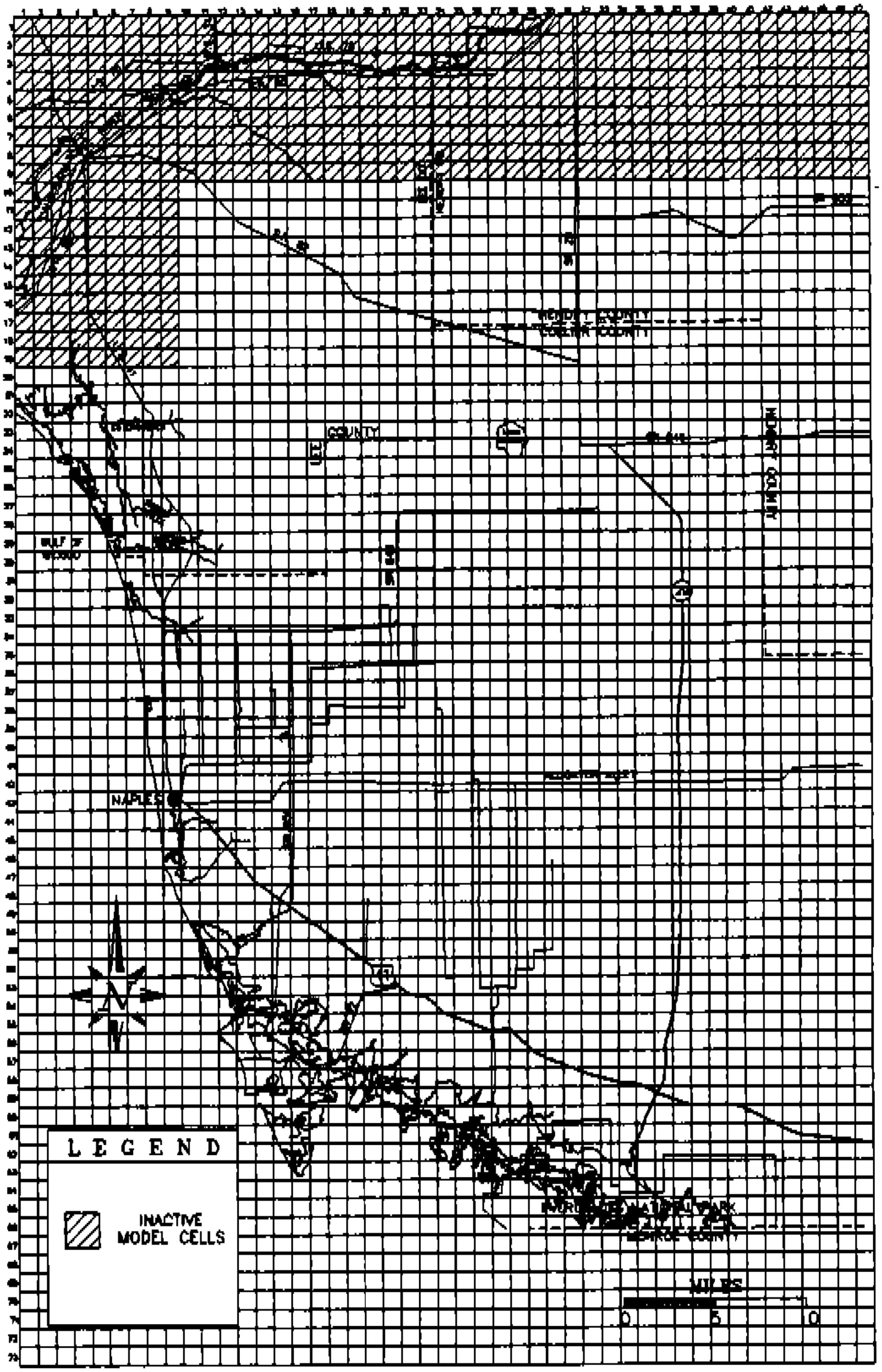


FIGURE 5. Model Grid

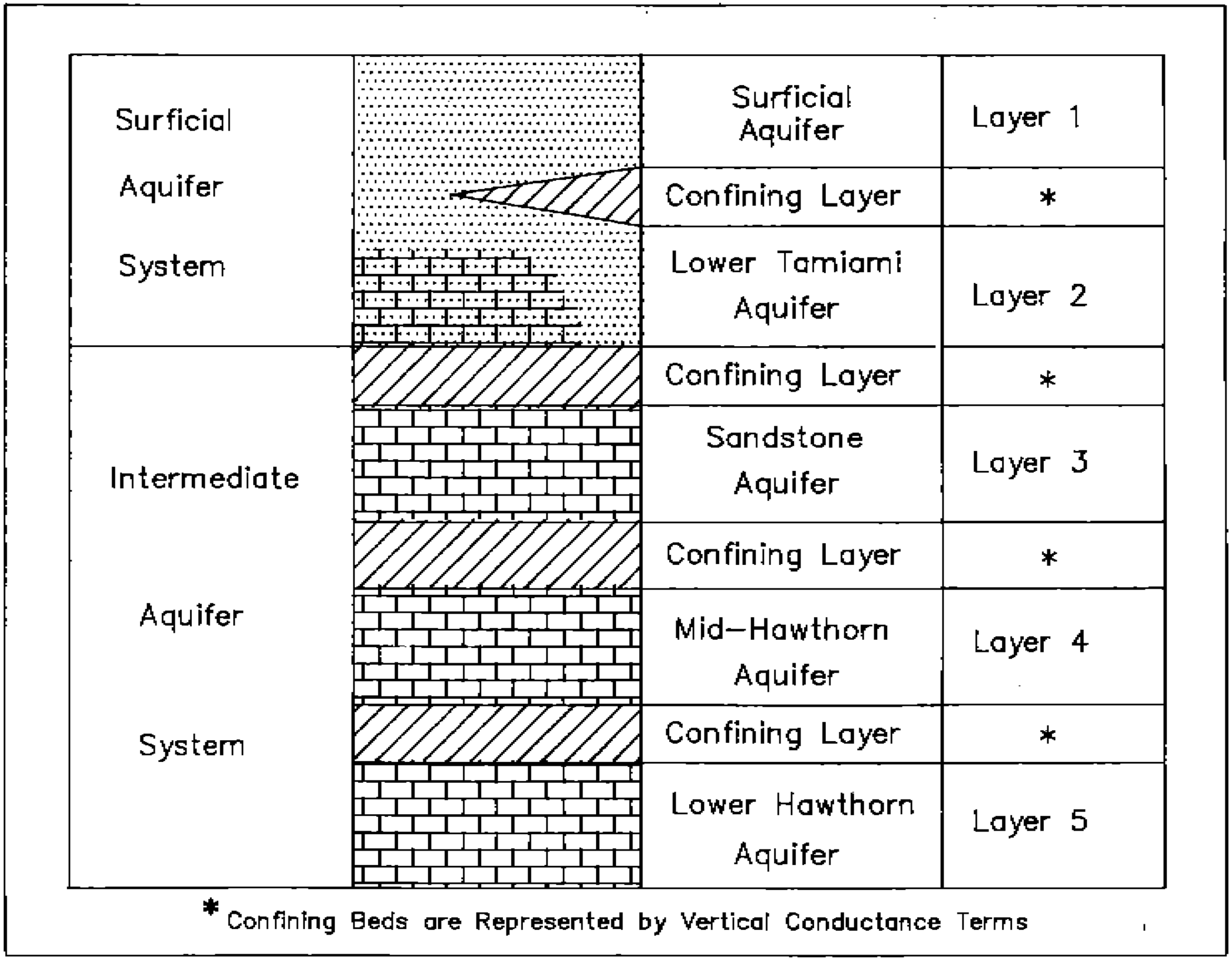


FIGURE 6. **Hydrogeologic Units and Corresponding Model Layers**

lower Tamiami, sandstone, mid-Hawthorn and lower Hawthorn aquifers. The confining zones separating these aquifers are represented as vertical conductance terms at the bottom of layers one through four, respectively.

BOUNDARY CONDITIONS

Constant heads (specified heads) were chosen for the model boundaries in Collier County where the cells are in contact with a large surface water body such as the Gulf of Mexico. This type of boundary represents an inexhaustible source of water where the ground water system may either draw from or discharge to without changing the head within that cell. General head boundaries were established along the northern and eastern limits to simulate flow in or out of the model. The flux across this boundary depend on the head differential between the user specified head on one side of the boundary and model calculated head on the other (Anderson and Woessner, 1991). This type of boundary condition was used to more accurately reflect inflows or outflows of water to the model area, because it allows the head along the boundary to change with time. It can also help to alleviate the potential problem of overestimating flow into the model if steep ground water gradients (such as those around a pumping well) approach the boundary during a model simulation.

In layers 1 and 2, representing the Surficial and lower Tamiami aquifers, the northern and eastern boundaries consist of general head cells set six to ten miles outside the county border. This distance was chosen to minimize the effects of stresses within Collier County upon the boundaries by assuming that heads along the boundary will not change in response to those stresses. Within layer 1, the coastline and surface of the Gulf of Mexico are established as a constant head of 0 feet NGVD (Figure 7); no corrections for tidal fluctuations have been made. For the lower Tamiami aquifer (layer 2), a constant head of 0 feet NGVD was set for all cells two miles west of the coastline. This was done to simulate the head distribution at the terminus of the Tamiami confining unit and undersea subcropping of the lower Tamiami aquifer (Figure 8). General heads were also used along the northern and eastern boundaries for layer 3 (sandstone aquifer), but constant heads were used to represent the western and southern model limits (Figure 9). Specified heads were used along the entire outer edge of layer 4 (mid-Hawthorn aquifer) (Figure 10). This type of boundary was chosen due to insufficient data along the edge of this layer which is needed to accurately represent the parameters used in the calculation of inflow or outflows by the other types of boundary conditions. Constant heads were used for the entire bottom layer which represents the lower Hawthorn aquifer. Constant heads in the lower Hawthorn were used to hydraulically support the mid-Hawthorn and overlying aquifers through upward leakance. The constant head values for the lower Hawthorn aquifer were created by determining the average water levels from existing monitor wells over the transient calibration period (Figure 11). The use of an average head distribution for this layer was chosen because of easier file management, very limited monthly water level data, and insignificant changes in water levels over the simulation period.

HYDRAULIC CHARACTERISTICS

All data describing hydraulic and aquifer parameters such as conductivity, transmissivity, vertical conductance, thicknesses, and aquifer bottoms are presented in Appendix A.

Transmissivity

Layer 1 (Surficial Aquifer). MODFLOW calculates the transmissivity of unconfined aquifers by multiplying the hydraulic conductivity by the saturated thickness of the aquifer. Initial saturated thickness is calculated from the starting head and aquifer bottom elevation, both of which are required input for an unconfined aquifer. Head changes throughout the simulation result in changes in the calculated transmissivity in an unconfined aquifer. When the simulated head in a cell drops to a level at or below the aquifer bottom elevation, the transmissivity of the cell becomes zero, resulting in the cell "going dry" and becomes inactive for the remainder of the simulation. This situation does not occur in this calibrated model.

Hydraulic conductivity of the Surficial aquifer in the western Collier County model ranges between 100 ft/day and 3,500 ft/day. The distribution of hydraulic conductivity was based on pump test data from various consultants, SFWMD and U.S. Geological Survey reports. The conductivity values used in the SFWMD three-dimensional models of Lee and Hendry counties were then assigned to the appropriate model cells. The single array was then smoothed using the cubic spline interpolation technique to eliminate any sharp breaks and establish continuity between the data sets.

Layer 2 (Lower Tamiami Aquifer). The transmissivity grid for layer 2 was developed by regionalization of the transmissivity values reported in various ground water reports. The regionalization was accomplished using a kriging interpolation technique, and resulted in a range of transmissivity from 10,000 ft^2/day to 296,600 ft^2/day. Where the lower Tamiami confining unit is absent in southern

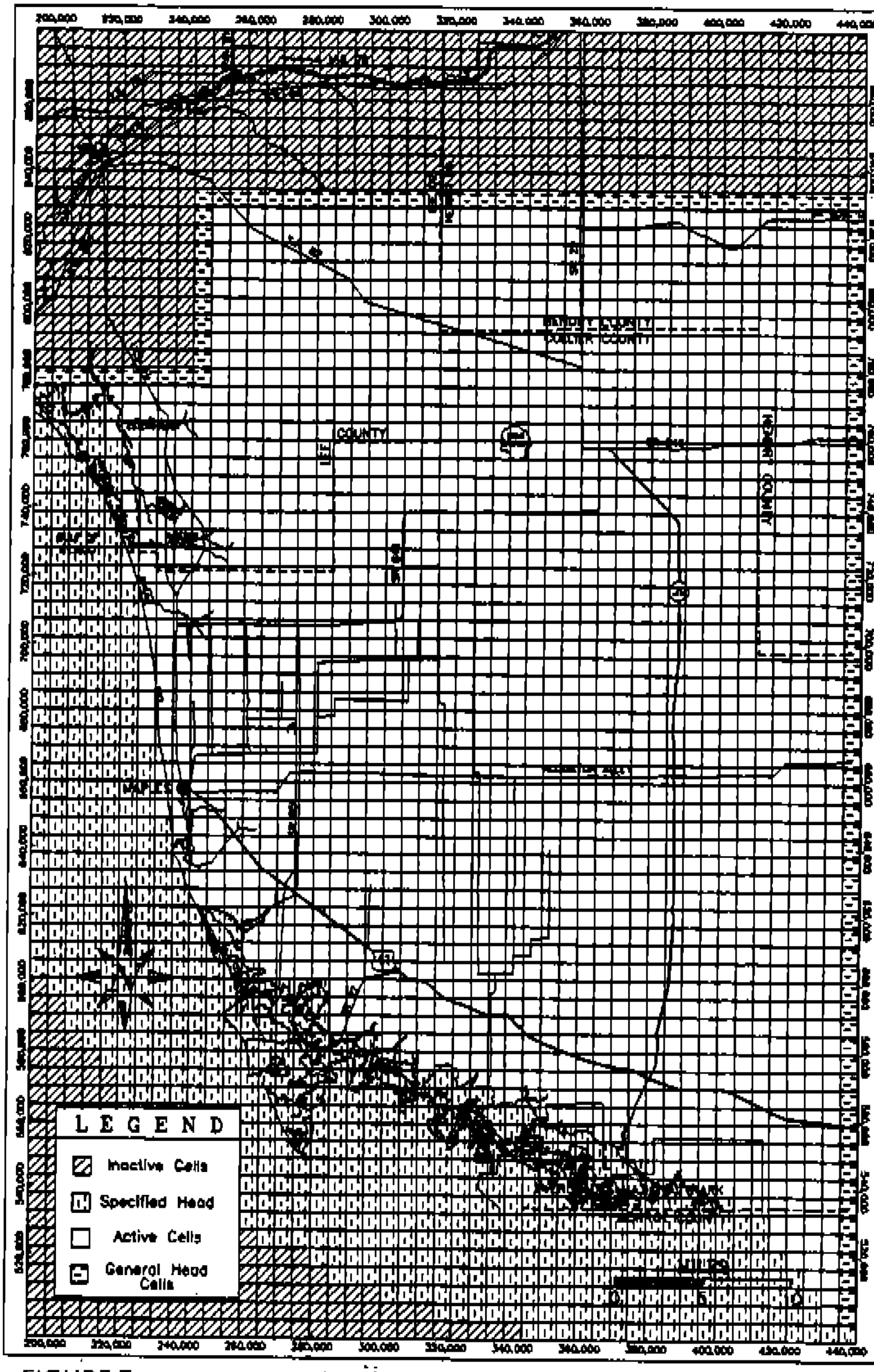


FIGURE 7. Model Cell Types, Layer 1

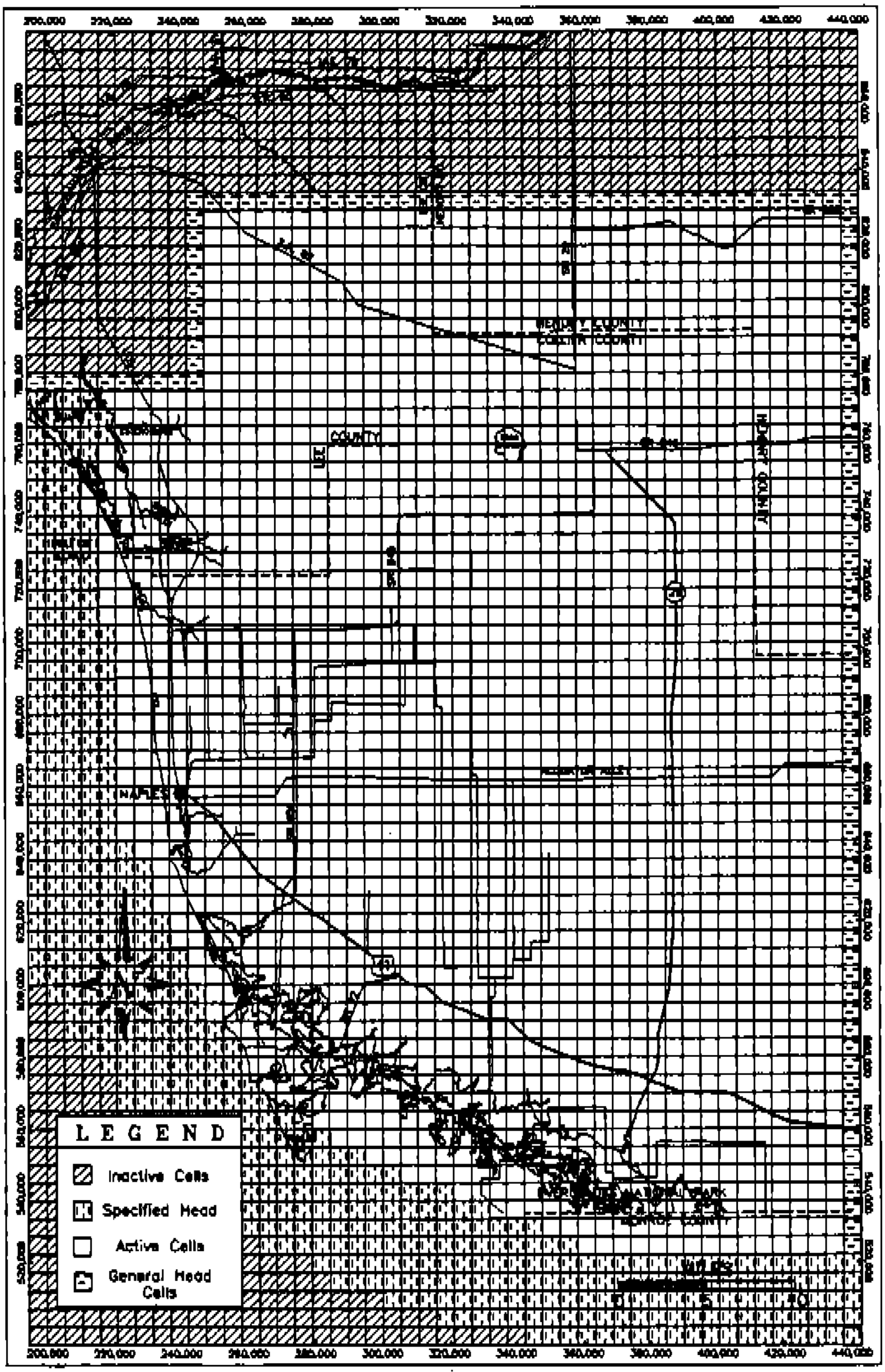


FIGURE 8. Model Cell Types, Layer 2

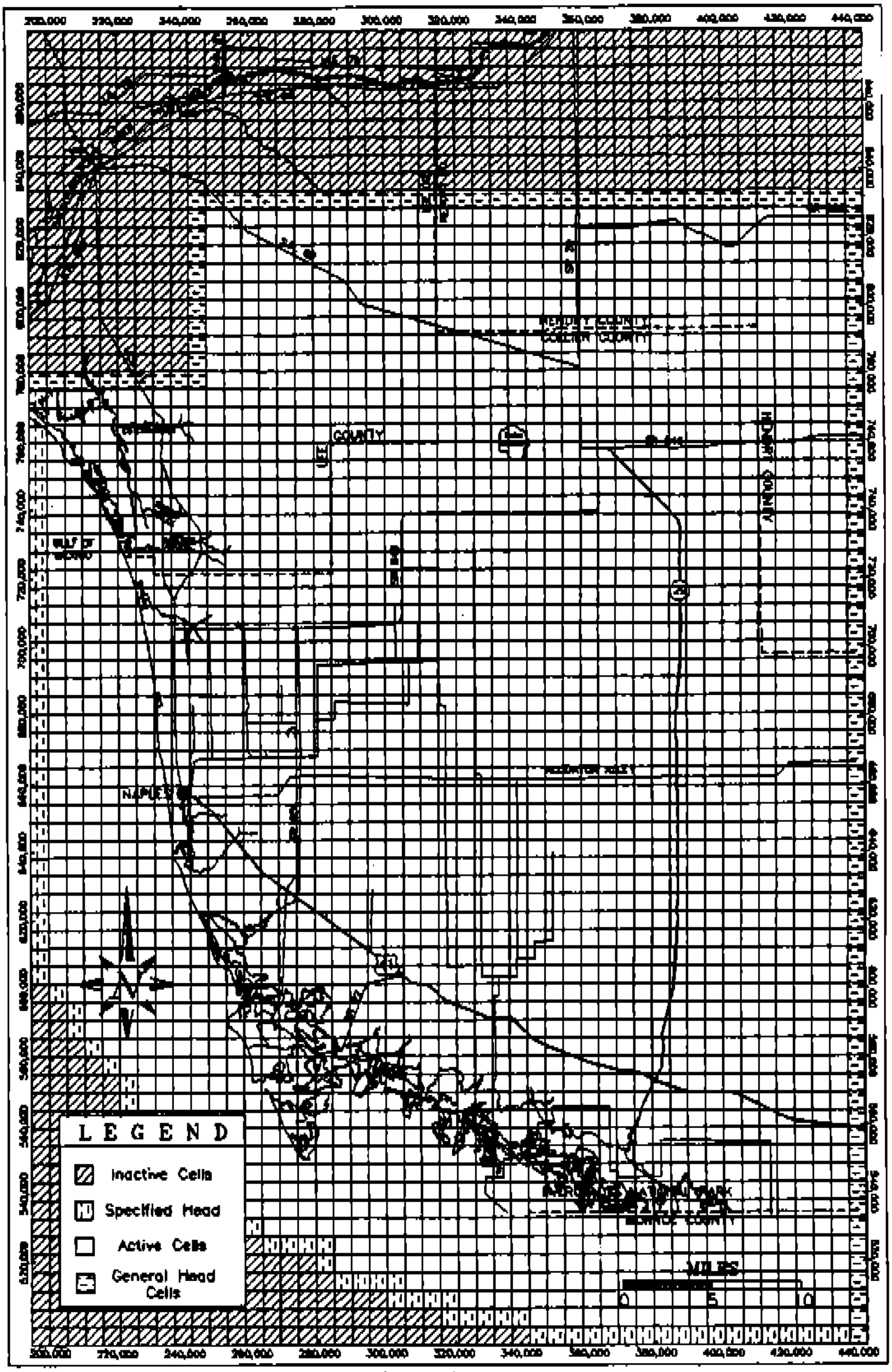


FIGURE 9. Model Cell Types, Layer 3

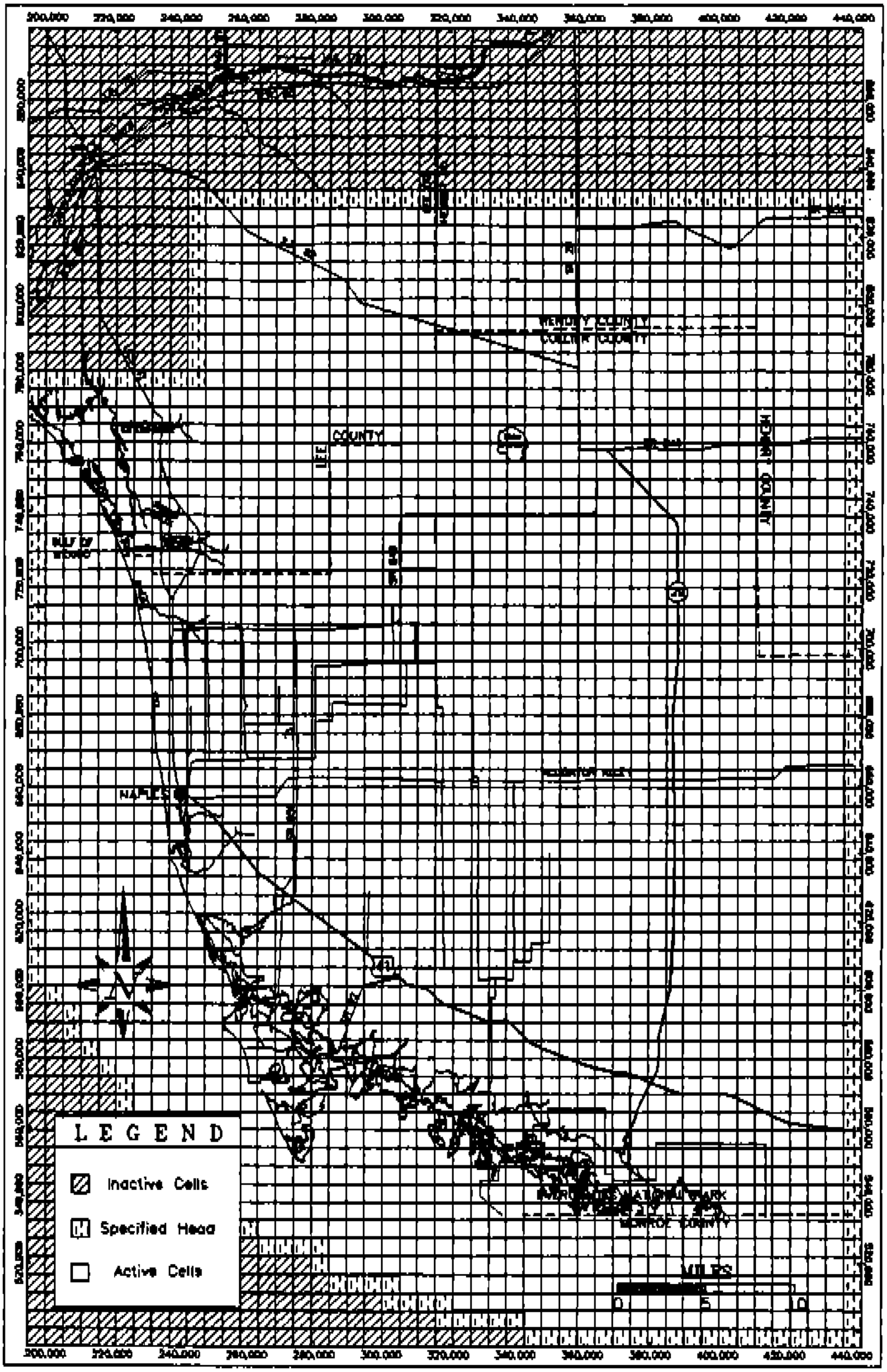


FIGURE 10. Model Cell Types, Layer 4

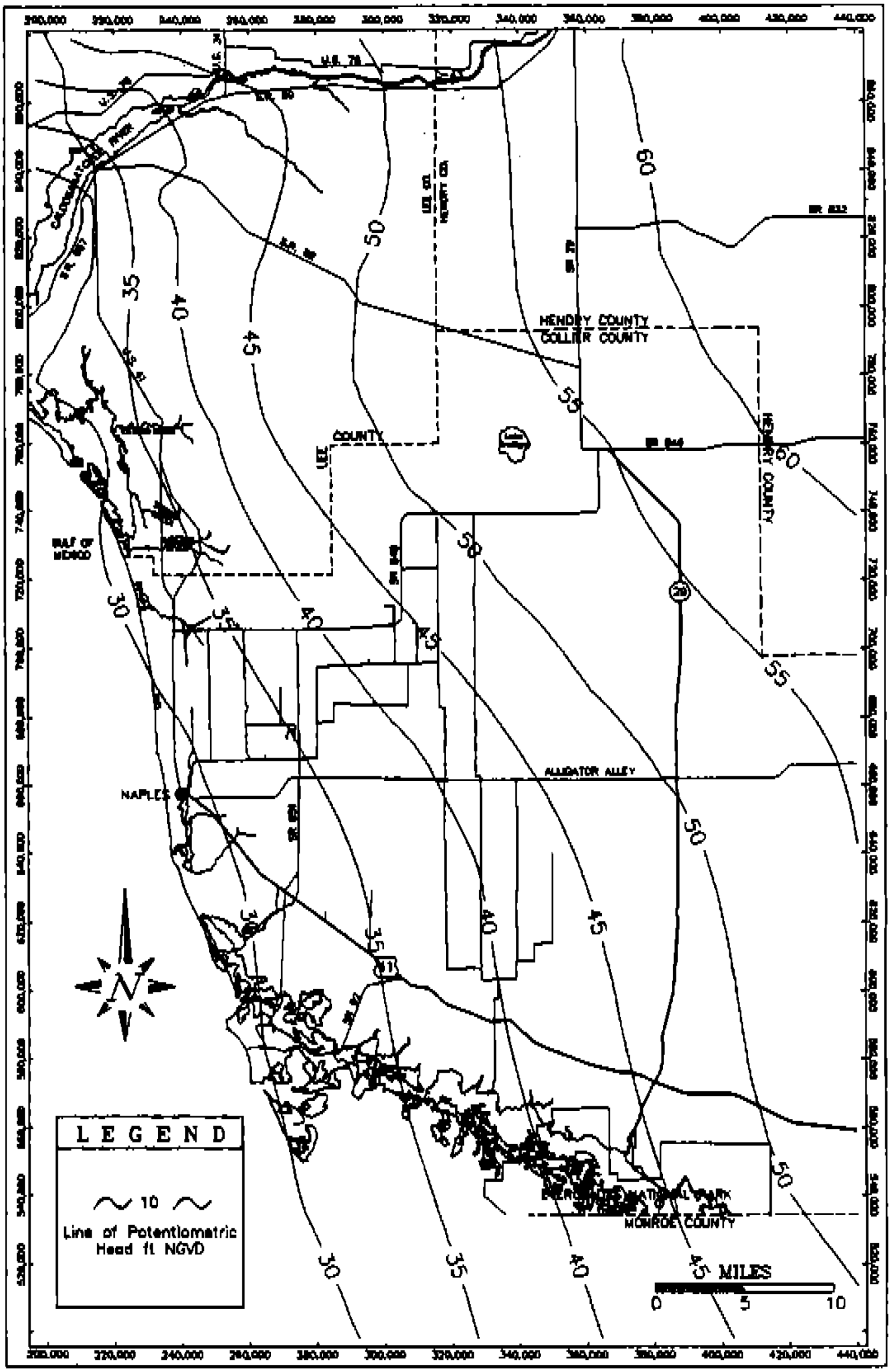


FIGURE 11. Specified Head Used in Layer 5

Lee County, the layer is represented by a hydraulic conductivity of 500 ft/day multiplied by thickness of one foot, a negligible value which has no affect on model results (Bower et al., 1990). Instead of establishing a no flow boundary at this point, a relatively small transmissivity value (500 ft^2/day) and large vertical hydraulic conductivity value ($1x10^{-1}$ ft/day) was used to allow for maximum vertical flow to occur between the lower Tamiami and Surficial aquifers. This approach enables direct hydraulic interaction between the sandstone and Surficial aquifer to occur where the lower Tamiami aquifer ceases to function as a confined aquifer.

Layer 3 (Sandstone Aquifer). The transmissivity grid for layer 3 was developed using zoned averaged conductivity values based on pump test data from within Collier County multiplied by aquifer thickness. Aquifer thickness were obtained from JMM (1988) for Lee County and reinterpreted hydrogeologic cross sections of western Collier County compiled from various sources (Klein, 1954; McCoy, 1962; Gee & Jensen 1980; Knapp et al., 1986). The aquifer thickness grid generated from the kriging algorithm did not accurately represent the sandstone aquifer in southern Collier and central Hendry counties, where it does not occur. The transmissivity values in these areas were significantly reduced (1 to 10 ft^2/day) which simulates the southern and eastern boundary of the aquifer. Resulting values of transmissivity for the sandstone aquifer ranged from 160 ft^2/day to 14,500 ft^2/day.

Layer 4 (Mid-Hawthorn Aquifer). Relatively little is known about the hydraulic characteristics of the mid-Hawthorn aquifer and the degree in which it is connected to the lower Hawthorn aquifer. Within Collier County, transmissivity array for layer 4 was developed using average conductivity values based on pump test data (primarily from western Lee County) multiplied by aquifer thickness. Aquifer thickness was once again obtained from hydrogeologic cross-sections compiled from various sources (James M. Montgomery, 1988 and Knapp et al., 1986). Resulting transmissivity values for the mid-Hawthorn aquifer range from 300 to 5,000 ft^2/day.

Specific Yield

Reliable data on specific yield for the Surficial aquifer in Collier County is very limited. Therefore, specific yield for layer 1 (Surficial aquifer) was set at 0.2 (Fetter, 1980, Driscoll, 1986). This value represents an average specific yield for the type of sediments that comprise the Surficial aquifer.

Storage

The storage coefficients in layer 2 through 5, representing the lower Tamiami through lower Hawthorn aquifers, were set to 1×10^{-6} $feet^{-1}$ multiplied by the aquifer thickness. This methodology was also used to determine storage coefficients for the ground water flow models of Eastern Palm Beach County (Shine et al., 1989) and Lee County (Bower et al., 1990).

Vertical Conductance

Within MODFLOW, for a quasi-three-dimensional approach, flow between layers is controlled by the vertical conductance parameter (Vcont). Vertical flow through the confining layer is a function of the vertical conductance term and the head difference between the two layers. Horizontal flow in the confining layer within the area is negligible and flow is assumed to be primarily vertical. The JMM (1988) study reports these average vertical hydraulic conductivity values for the following confining layers:

Lower Tamiami	0.012400 ft/day
Upper Hawthorn	0.008860 ft/day
Mid Hawthorn	0.000310 ft/day
Lower Hawthorn	0.0002565 ft/day

Leakance values used in the model were obtained by dividing the above referenced vertical hydraulic conductivities by the thickness of each confining zone. The vertical conductance (Vcont) term for each model cell is then calculated within MODFLOW by multiplying the leakance value by its area.

Thickness data for the lower Hawthorn confining unit is quite limited in Collier County. Therefore, the leakance array used to represent this confining unit was initially set to an average value of 0.0000200 day^{-1}, obtained from the SFWMD ground water flow model of Lee County (Bower et al., 1990) and adjusted during steady state calibrations. The resulting calibrated leakance values representing the lower Hawthorn confining unit ranged from 0.0000015 day^{-1} to 0.0000500 day^{-1}.

SURFACE WATER INTERACTIONS

Rivers

The river module of MODFLOW was used to simulate the interaction of ground water and distinct surface water bodies such as rivers and lakes. The simulated flow between ground and surface water is controlled by the hydraulic conductance of the river bed sediment, river stage, aquifer head, and elevation of the river bottom. River bed conductance

(CRIV) for a cell is obtained by using the following equation (McDonald and Harbaugh, 1983):

$$CRIV = \frac{KLW}{M} \qquad (1)$$

where,

K = hydraulic conductivity of the river bed sediment,

L = length of the river reach that occur in the cell,

W = width on wetted perimeter of the river reach, and

M = estimated thickness of the river bed sediment.

The rate of flow (QRIV) is determined by the difference between river stage and aquifer head, and is proportional to the conductance of the river bed sediment and is given by:

$$QRIV = CRIV\,(HRIV - h_{ijk}) \qquad (2)$$

where,

CRIV = river bed conductance,

HRIV = river stage, and

h_{ijk} = head in the cell underlying the river reach.

Effluent or influent flow can occur, depending on the gradient between river stage and aquifer head. When the aquifer head is higher than the river stage, flow is from the aquifer into the river and conversely, when the river stage is higher than the aquifer head, flow is from the river into the aquifer. If the aquifer head falls below the bottom of the river, flow into the aquifer occurs at a rate equal to the difference between the river stage and river bottom elevation, and is proportional to the conductance of the river bed sediment. Further reductions in aquifer head produce no increase in flow into the aquifer (McDonald & Harbaugh, 1983).

Only those surface water bodies with reliable information on widths, depths, and stages were simulated in the western Collier County model. They included the tidal portions of Faka Union Canal, Barron River, Henderson Creek, Lely Canal, Naples Bay, Cocohatchee River, Imperial River, Estero River, and Lake Trafford. Bottom elevations, profiles, and configurations for the majority of the canals were obtained from various surface water consultant reports and aerial photographs. Stage data was obtained from both District and U. S Geological Survey recorder stations. Cells containing river reaches are shown in Figure 12. Model input data and stage recorder locations used to compile the river module is presented in Appendix B.

Drains

The rate at which water is removed from the aquifer in the drain package of MODFLOW is defined by McDonald and Harbaugh (1983) as:

$$QD_{ijk} = CD_{ijk}\,(h_{ijk} - d_{ijk}) \qquad (3)$$

where,

CD_{ijk} = hydraulic conductance of the drain,

h_{ijk} = aquifer head in the cell occupied by the drain, and

d_{ijk}. = drain elevation.

The drain elevation may be represented by the either the bottom elevation of the canal or flow point of the water control structure (i.e. weir). The water control structure retains water within the cell until the crest elevation is exceeded, then water is removed from that cell. If the aquifer head drops below the bottom of the drain, flow to the drain ceases and no return flow from the drain occurs.

The primary canals of the major drainage basins within Collier County such as the Golden Gate and Faka Union and the East County Control District (ECWCD) of Lee County were simulated using the drain package. Cells containing drains are shown in Figure 12. Model input data and water control structure locations used to compile the drain module is presented in Appendix C.

RECHARGE

The average recharge depth in a model cell resulting from precipitation, Rp, can be computed using the mass balance equation as:

$$Rp = P_n - Qd - ET_u - ET_s \qquad (4)$$

where

P_n = the average net precipitation depth over the cell not lost to interception or depressional storage,

Q_d = the average depth of water lost to surface drainage (not otherwise simulated using a MODFLOW package),

ET_s = the average evapotranspiration depth from the saturated zone (calculated by

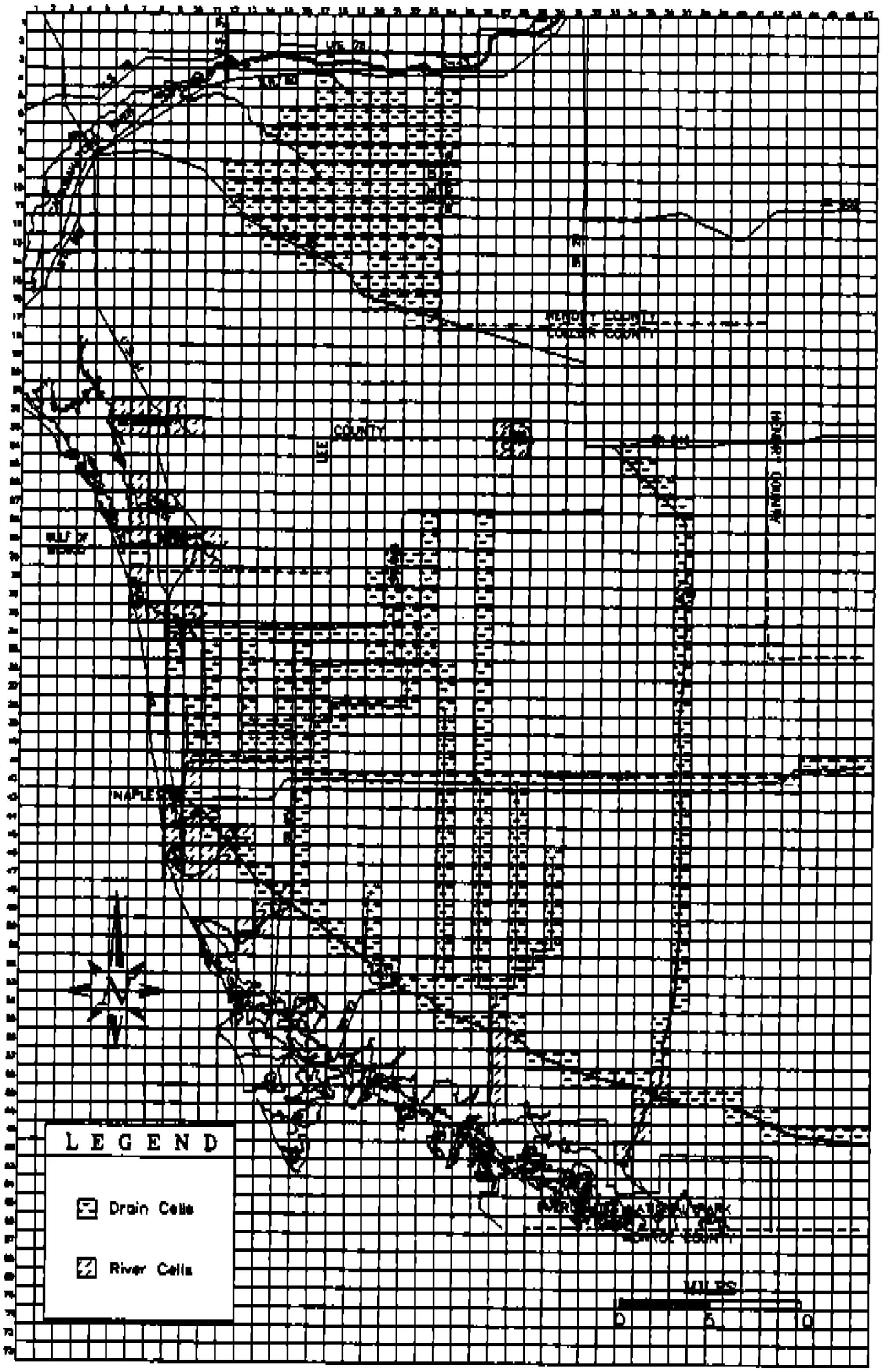


FIGURE 12. Model Cells Containing River and Drain Reaches, Layer 1

the evapotranspiration package in MODFLOW), and

ET_u = the average evapotranspiration depth from the unsaturated zone (not calculated by the evapotranspiration package in MODFLOW).

Net Precipitation

The average monthly net precipitation depth, P_n, for a cell can be approximated from the total monthly precipitation depth over the cell, P_t, as:

$$P_n = MAX\{K_i P_t - \sum_{n=1}^{N} K_d(n)\ ,\ 0\} \qquad (5)$$

where,

K_i = the interception coefficient,

$K_d(n)$ = the daily maximum depression storage loss, and,

N = the number of days in the month.

Interception is that portion of the gross precipitation which wets and adheres to above ground objects until it returns to the atmosphere through evaporation (Viessman, et al., 1977). The quantity of water intercepted depends largely upon the storm character, the season of the year, and the species, age, and density of the prevailing plants and trees. The percentage of water intercepted by an individual plant is directly related to the type and density of the foliage. For non-urban land uses, extreme values of K_i are defined as (Viessman, et al., 1977):

$$K_i = \begin{cases} 1.00 & \text{for clear bare ground (0\% interception)} \\ 0.75 & \text{for dense closed forest (25\% interception).} \end{cases}$$

Values for K_i in urban areas ranged from 1.00 to 0.50, depending upon the land use type. The value of K_i assigned to a model cell represents the weighted average of the K_i values for all land use types within that cell. K_i values for the various land use codes used in the western Collier County model are listed in Appendix D.

Precipitation that reaches the ground surface may infiltrate, flow over the surface, or become trapped in numerous small depressions. The depression-storage loss for impervious drainage areas varies from 0.05 in., on a 2.5% slope, up to 0.11 in., on a slope of one percent (Bower, et al., 1990). The upper limit of 0.11" was assumed for the model because of the relative lack of slope within or between model cells. The model depression storage loss, $K_d(d)$, or simply K_d, was calculated as:

$$K_d = K_d^{max}\ \{MAX\ \{[1 - (\frac{K}{K_m})^{\frac{1}{2}}]\ ,\ 0\}\} \qquad (6)$$

where,

K_d^{max} = the maximum daily depression storage losses in inches for the stress period (an upper limit of 0.11 inches was assumed for each day),

K = the average saturated vertical hydraulic conductivity of the soil layer in a cell, and

K_m = a calibration parameter. It is the value of hydraulic conductivity at which infiltration is assumed to be nearly instantaneous, thus precluding evaporative losses from storage in depressions.

A value of $(K/K_m) = 0$, signifying an impervious drainage area, implies a value of K_d = 0.11 inches per single precipitation event, and a value of $(K/K_m) = 1$, a highly pervious area, implies a $K_d = 0$. Rainfall of less than the critical daily precipitation depth K_d evaporates and creates neither infiltration nor runoff.

Only one precipitation event per day of at least 0.11 inches was assumed. Interception - storage capacity is usually reached early in a storm event. This suggests that a larger fraction of rainfall is intercepted in depressions during numerous small storms than during one equivalent severe storm (Linsley, et al., 1982).

Soil hydraulic conductivity (K) values for all applicable soil associations were determined by examining tables of saturated vertical permeability for the various soil horizons for each soil type (Carlisle et al., 1988). A composite soil permeability was created for each soil association based on the vertical permeability of each horizon within a given soil type, than by the relative percentage of each soil type in that association. A composite soil permeability for each model cell was then calculated as the sum of the percentage of each soil association within that cell multiplied by the appropriate permeabilities. Soil permeability values for the various associations ranged from 4.46 ft/day to 20 ft/day throughout the model area. The instantaneous vertical hydraulic conductivity, K_m, was set at 36 ft/day.

Surface Drainage

The surface drainage depth is defined as the difference between the net precipitation depth, P_n, and the net infiltration (Bower, et al., 1990). Net average depth of water lost to surface drainage, Q_d, can be estimated by:

$$Q_d = (K_s)(K_a)(P_n) \qquad (7)$$

where,

K_s = a coefficient relating the potential for runoff to surface drainage, and

K_a = a coefficient relating the potential for aquifer recharge from surface drainage.

K_s varies between 0 and 1, depending on the land use types potential for surface drainage into canals or surface water bodies. The effect of surface drainage systems which may recharge the unsaturated zone are taken into account by the factor K_s. Model values for K_s varied between 0.1 and 0.3 with 0.1 being most common. The value of K_a is a function of the average hydraulic conductivity and the average slope of the land surface. If there is no drainage into the unsaturated zone K_a = 1, and 0 when rainfall completely recharges the unsaturated zone. The value of K_a was defined as:

$$K_a = K_a^{max} (1 - K/K_{max}) \qquad (8)$$

where

K_a^{max} = the maximum that K_a may take (less than or equal to 1), and

K_{max} = the maximum soil hydraulic conductivity in the study area.

The net direct surface runoff in southwestern Florida is assumed to be relatively small, therefore, K_a was uniformly set to 0.1. Appendix D shows land use codes and their assigned values for K_s, K_a and K_i.

Stations supplying precipitation data are shown in Figure 13. Precipitation was distributed throughout the model based on the Thiessen method, which uses a weighing factor to adjust for nonuniform gauge distribution. This method divides the model area into polygons based on the nearest rainfall station. Once the area is subdivided, the rainfall from the nearest station is distributed over that polygon. Total precipitation polygons are shown in Figures 14 and 15 for January and July of 1988, respectively.

EVAPOTRANSPIRATION

Water loss through direct evaporation and through transpiration by plants is simulated in the model by the evapotranspiration (ET) package of MODFLOW. The following assumptions are applied (McDonald and Harbaugh, 1983):

1. When the water table is at or above a specified elevation, termed "ET surface", ET loss from the water table occurs at a specified maximum rate.
2. When the depth of the water table is below the ET surface exceeds a specified value, termed the "extinction depth" or "root zone", ET from the water table ceases.
3. ET from the water table varies linearly as water table levels fluctuate between the above two limits.

Evapotranspiration Surface

The evapotranspiration surface is represented by the land surface within the model area. Surveyed land surface elevations were obtained for each of the U. S Geological Survey monitor wells within and outside the model area. These values were then used in a kriging interpolation technique to generate a grid containing an elevation for each model cell. Within specified areas, where kriging did not accurately represent the land surface, representative values were inserted into the model grid. Figure E-1 in appendix E shows the ET surface values for each model cell.

Maximum Evapotranspiration Rate

The maximum evapotranspiration rate was estimated using the Blaney-Criddle equation. The basic form of the equation is:

$$U = k\,k_t \,\frac{p_m t_m}{100} \qquad (9)$$

where

U = the crop ET for a particular time period in inches from layer 1,

k = a consumptive use coefficient which varies according to crop type,

k_t = a climatic coefficient which is related to the mean air temperature,

(It is defined as $k_t = 0.0173t - 0.314$ where t is in degrees Fahrenheit),

p_m = the percent of daytime hours of the year which occurred during the month,

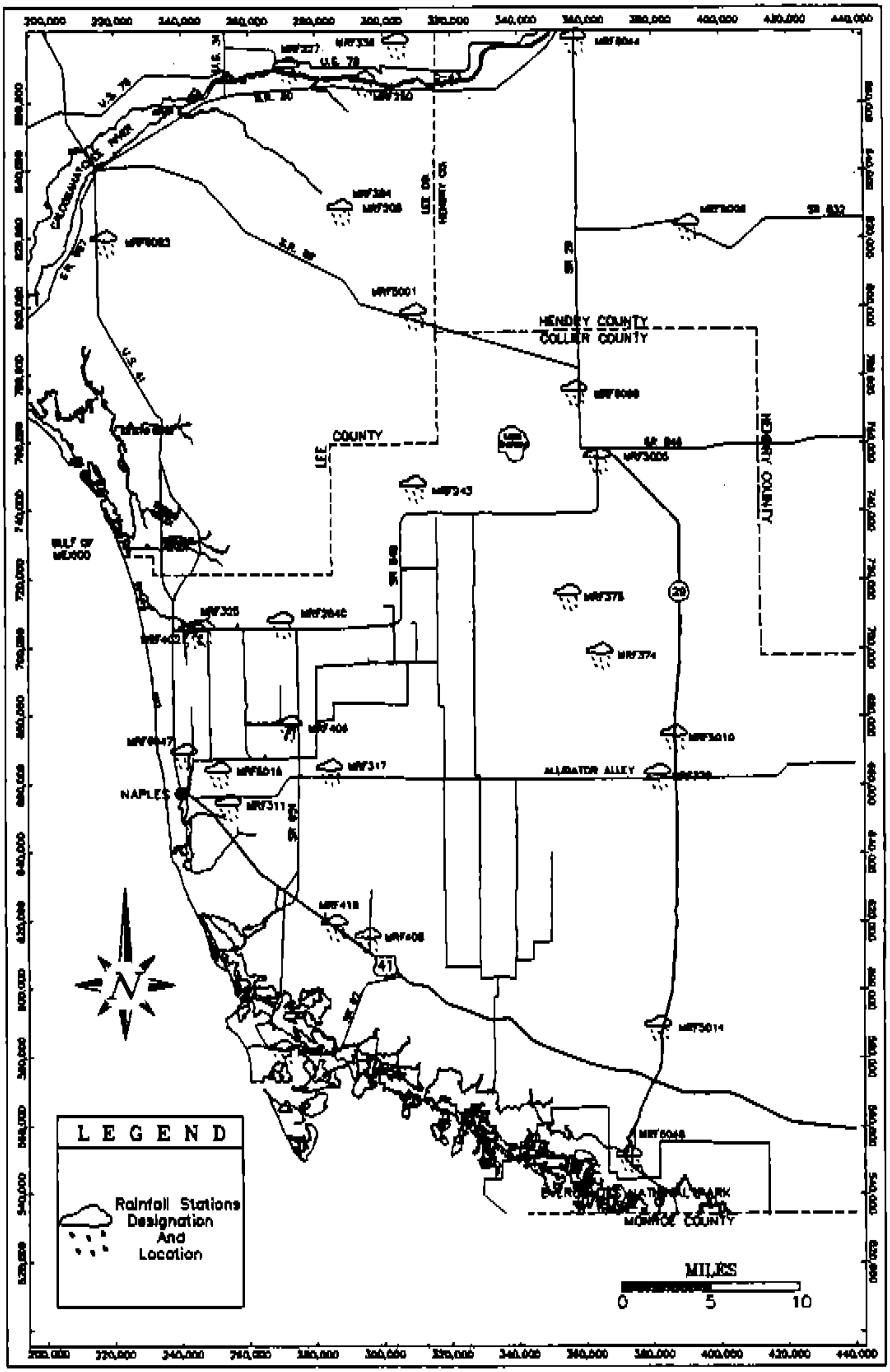


FIGURE 13. Rainfall Stations

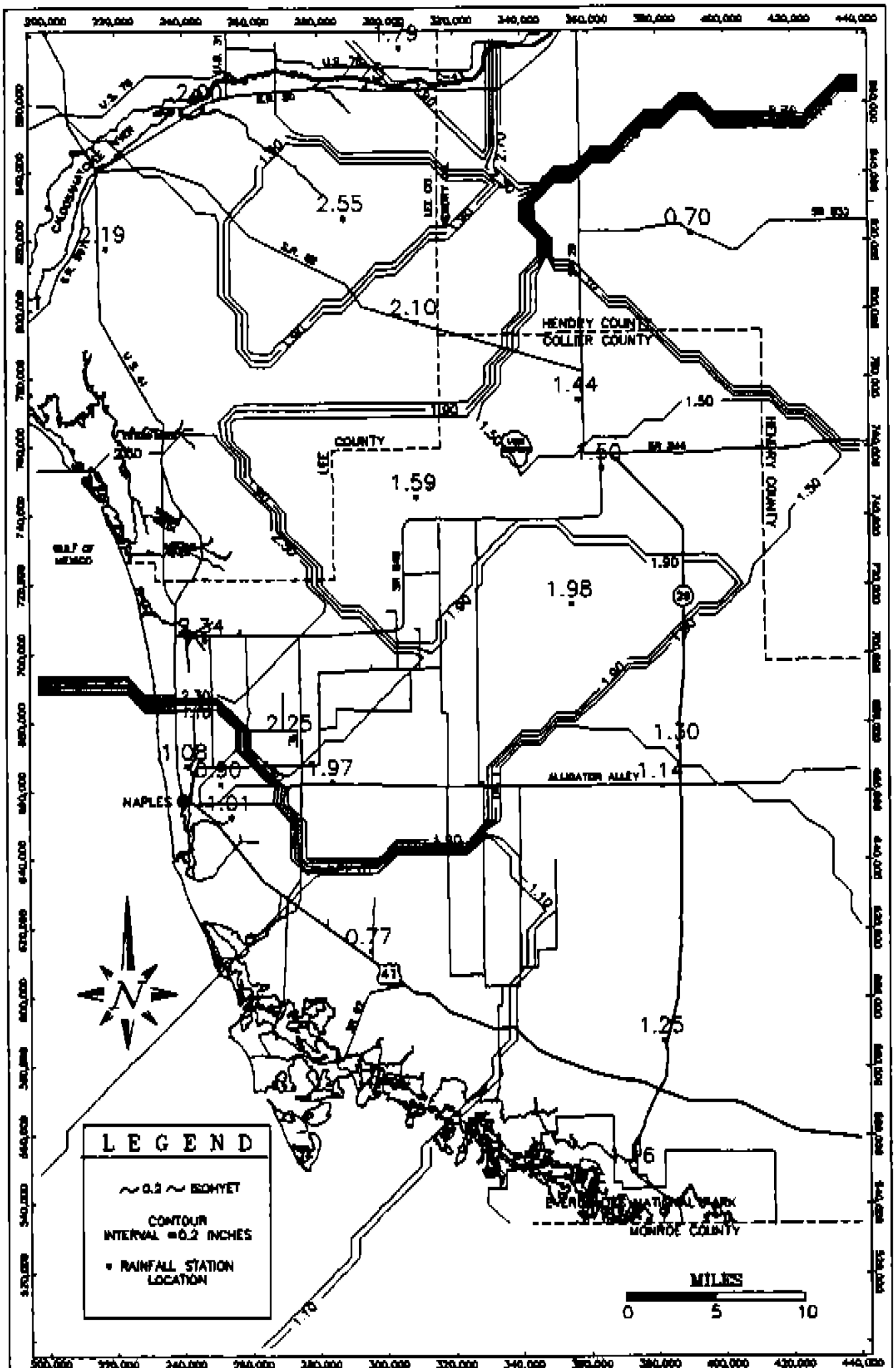


FIGURE 14. Rainfall Distribution for January, 1988

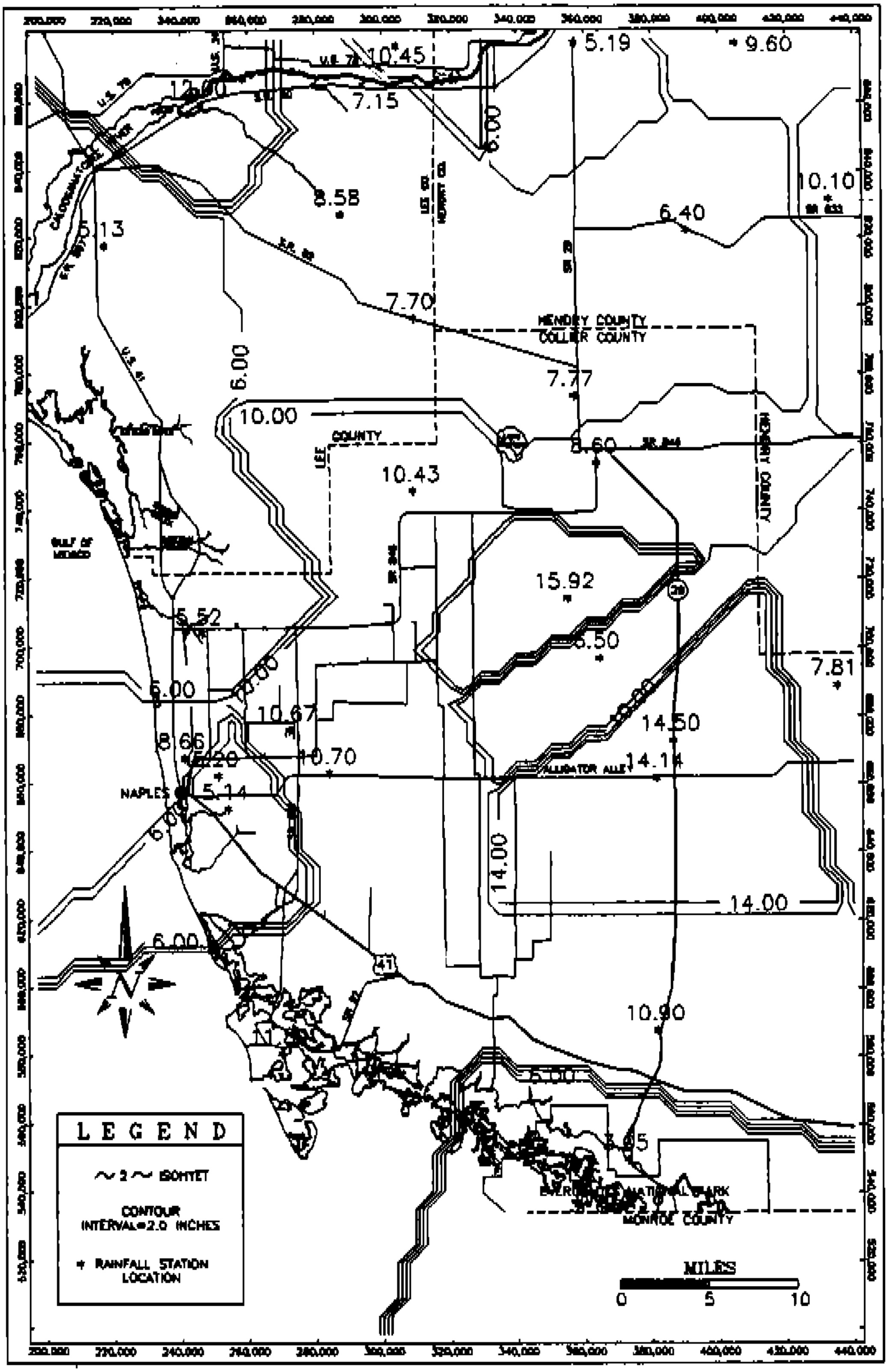


FIGURE 15. Rainfall Distribution for July, 1988

t_m = the mean temperature for the month, in degrees Fahrenheit.

Percentage of daytime hours and mean temperature data were from the Everglades City rainfall station (compiled from forty-three years of data) was used in the above calculation. The consumptive use coefficient (k) is defined as:

$$k = kc * kf \qquad (10)$$

where

kc = a coefficient reflecting the growth state of the crop (Appendix E), and

kf = is a coefficient reflecting the fraction of land surface which is covered with a specified type of vegetation (also Appendix E). kf = 1 for non-urban land uses; it varies between 0.1 and 1.0 for urban land uses.

Crop coefficients (kc) were either taken directly or inferred from values presented in Tables C-1 and C-2, SFWMD's Permit Information Manual Volume III. Surface water permit data were used to determine kf values for urban land uses from ratios of pervious to impervious areas. A value of 1 was assigned to all land use types except urban and barren land.

Extinction Depth

Extinction depth represents the depth of the water table below the ET surface elevation beyond which evapotranspiration from the water table ceases. Extinction depths in the model are related to land use and are based upon estimated root depths for various types of vegetation (Teets, SFWMD, personal communication). Land use codes and their assigned extinction depth values are shown in Appendix E.

GROUND WATER USE

Water use figures for the model were determined using data from individual water use permits issued by the SFWMD. Individual water use permits are required if the average daily water use equals or exceeds 100,000 gallons per day (gpd). An individual water use permit is also required of smaller uses (average daily use exceeding 10,000 gpd) in Reduced Threshold Areas (RTA's). The entire coastal portion of Collier County and all of Lee County are designated as RTA's. The District also issues general water use permits to all uses less than 100,000 gallons per day, with the exception of single family homes, duplexes, and water used strictly for fire-fighting (SFWMD, 1985).

General water use permits were not included in the determination of ground water withdrawals from the model because the total volume covered in these permits are insignificant when compared to individual permits. The time frame and available manpower for model development also limited the processing of the general water use permits.

Agricultural and Other Irrigation

Agricultural and landscape irrigation withdrawals account for approximately 78 percent of the ground water use in the model area based on 1988 estimates. Only a limited number of accurate agricultural monthly pumpage records exist, therefore, agricultural and landscape withdrawals were estimated. Irrigation water requirements of different crops were estimated using a method described by the U. S. Soil Conservation Service (USDA, 1970). This method uses the modified Blaney-Criddle formula to estimate supplemental water requirements for various crops. Factors such as crop type, soil type, air temperature, daylight hours, total rainfall, and irrigation system efficiency are used to calculate the irrigation requirements for the various types of crops found within the study area.

Agricultural water use data from each water use permit was assembled into a spreadsheet. This information included crop types, total irrigated acreage, irrigation efficiency, well and surface water information, soil types and rainfall station. Supplemental irrigation requirements for the following rainfall stations were used in determining irrigation withdrawals: Naples, Ft. Myers, Clewiston, LaBelle, Big Cypress and Everglades City. Irrigation withdrawals were calculated by multiplying irrigated acreage by the appropriate monthly supplemental crop requirement, and dividing by the irrigation system efficiency (if known). The total volume of water for each permitted user is then divided amongst all wells and surface water facilities in proportion to their pump capacities. Supplemental irrigation withdrawals for each permitted user was calculated for each month of the calibration period (February 1986 through December 1988). Permitted agricultural water use data is presented in Appendix F. Figures 16, 17, and 18 show the distribution of cells with simulated agricultural withdrawals from layer 1 (Surficial aquifer), layer 2 (lower Tamiami aquifer), and layer 3 (sandstone aquifer), respectively. A relatively insignificant amount of ground water within the model area is withdrawn from layer 4 (mid-Hawthorn aquifer) for agricultural purposes and, therefore, is not presented.

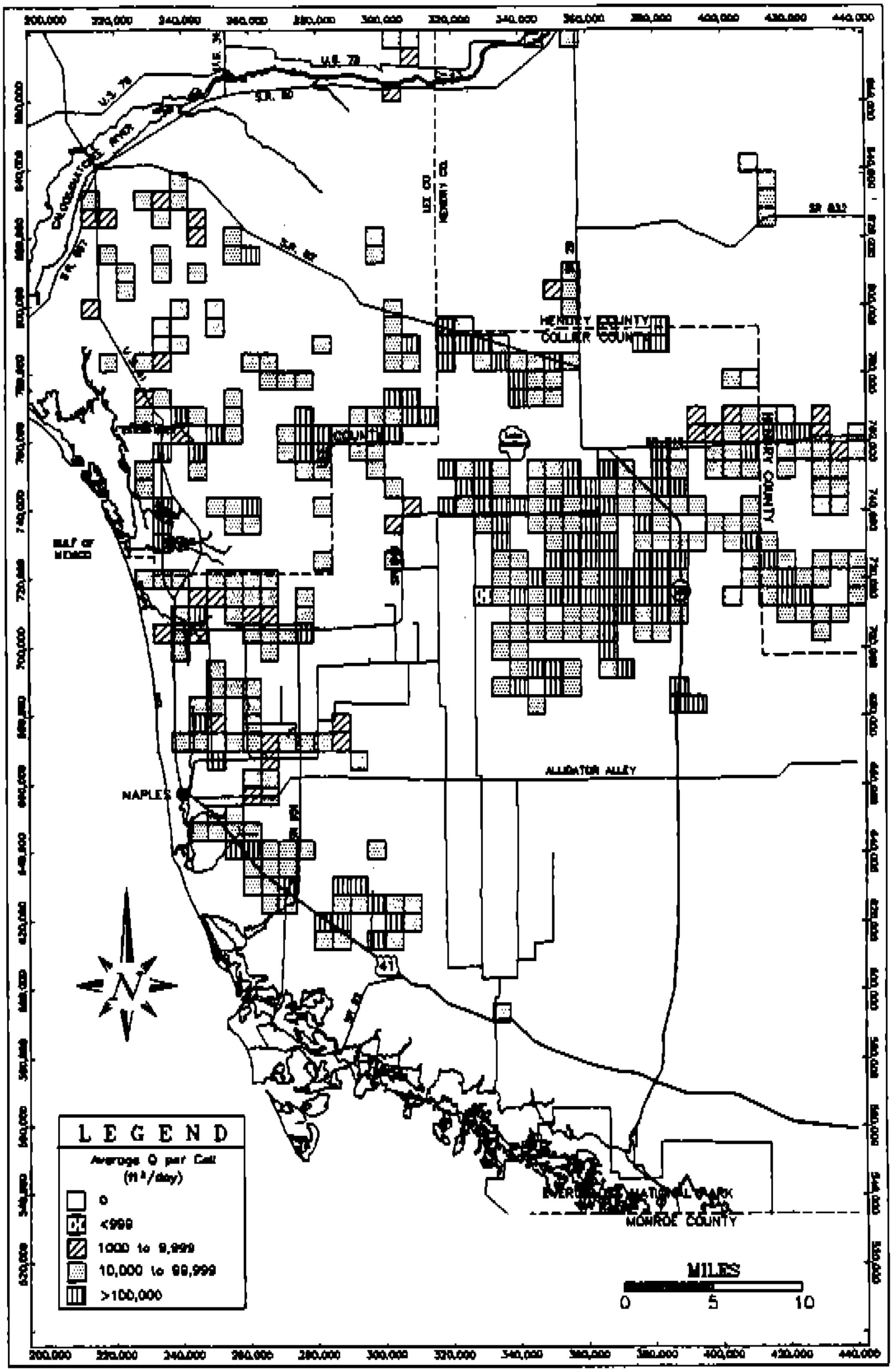


FIGURE 16. Model Cells Containing Agricultural Pumping Wells, Layer 1 (Surficial Aquifer)

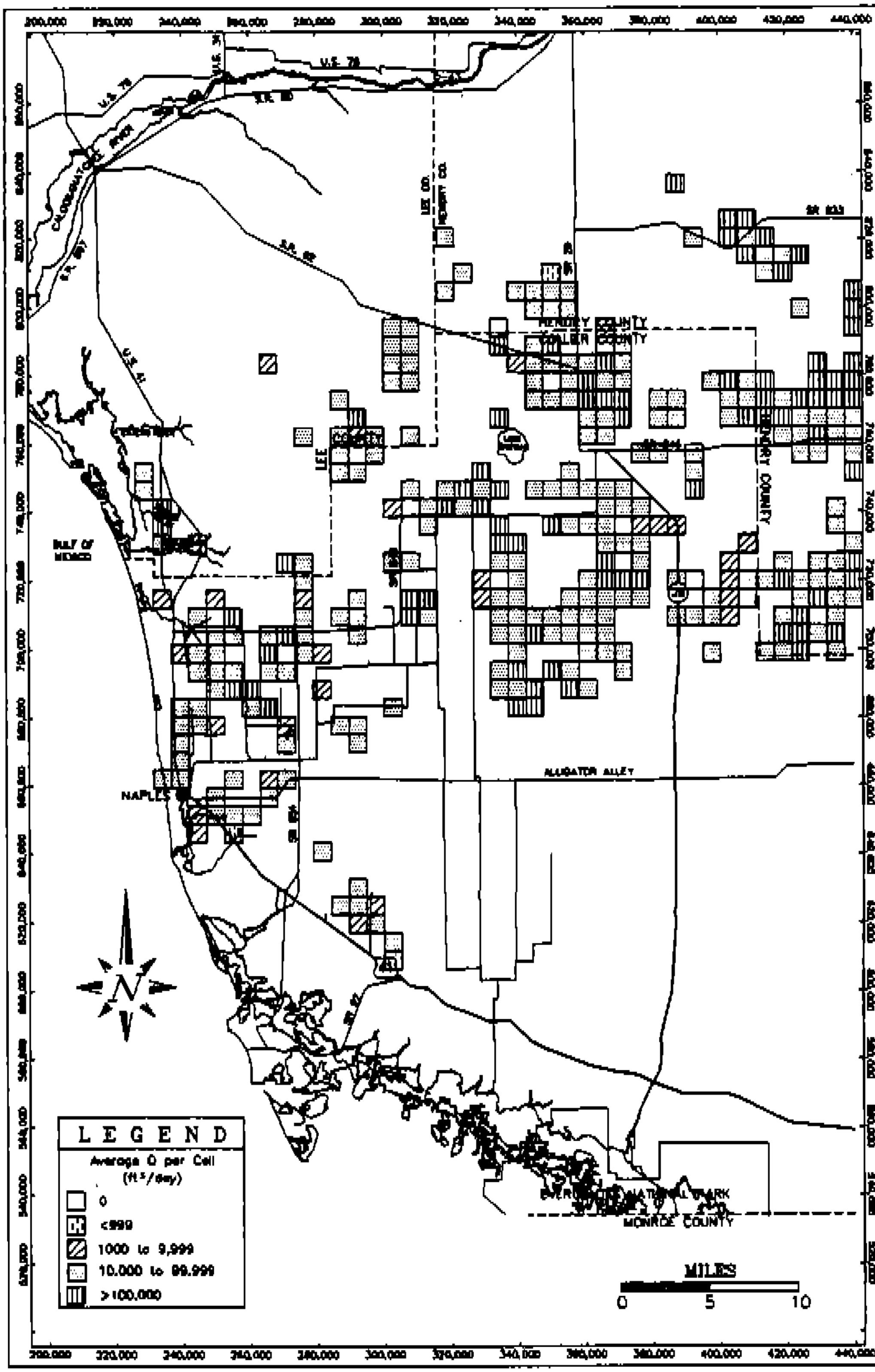


FIGURE 17. Model Cells Containing Agricultural Pumping Wells, Layer 2 (Lower Tamiami Aquifer)

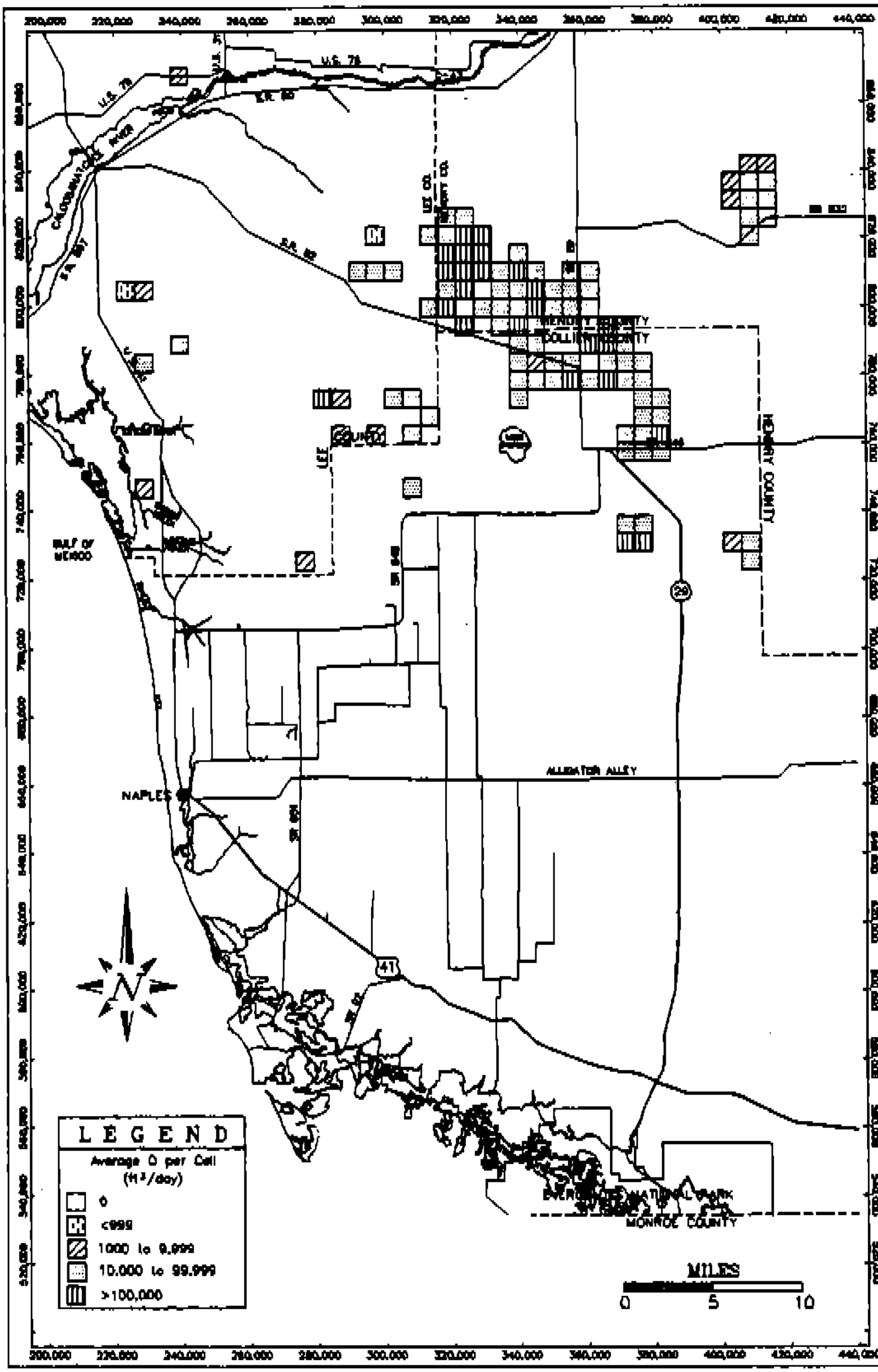


FIGURE 18. Model Cells Containing Agricultural Pumping Wells, Layer 3 (Sandstone Aquifer)

Public Water Supply

Public water supply withdrawals were determined from monthly pumpage reports from each of the wellfields within the study area. Each report contained monthly pumpages for either individual wells at the facility or total monthly pumpages. If total monthly pumpages were reported, these volumes were divided proportionally amongst each well based on their pump capacity, total operating hours or information supplied by facility personnel. This was done to simulate withdrawals from individual pumping wells, because many of the wellfields in Collier and adjacent counties are distributed over several model cells and multiple aquifers. Therefore, each public water supply well had a given monthly pumpage for each of the 35 stress periods. The location of the public water supply wellfields and their wells are shown in Figure 19. Information on public water supply wells and their withdrawals over the transient calibration period is presented in Appendix G.

Domestic Self Supply

Domestic self supply withdrawals were calculated for those areas designated as residential and not presently served by a public water supply system. A composite land use map of the study area was used to determine total acreage for each residential land use type within a given cell. All residential areas currently served (not built out) by a public water supply system were delineated. For each residential land use type, a specific density per acre and per capita consumption was assigned. These values were then combined with total acreage to determine the withdrawals for each cell. Eighty percent of the withdrawals were assumed to be from the lower Tamiami aquifer with the remaining 20 percent from the Surficial aquifer. These percentages are based on an independent survey conducted by Missimer & Associates in the Golden Gate Estates area. For that portion of the model covering Lee County, domestic self supply withdrawals were calculated using the methodology described in Bower et al. (1990).

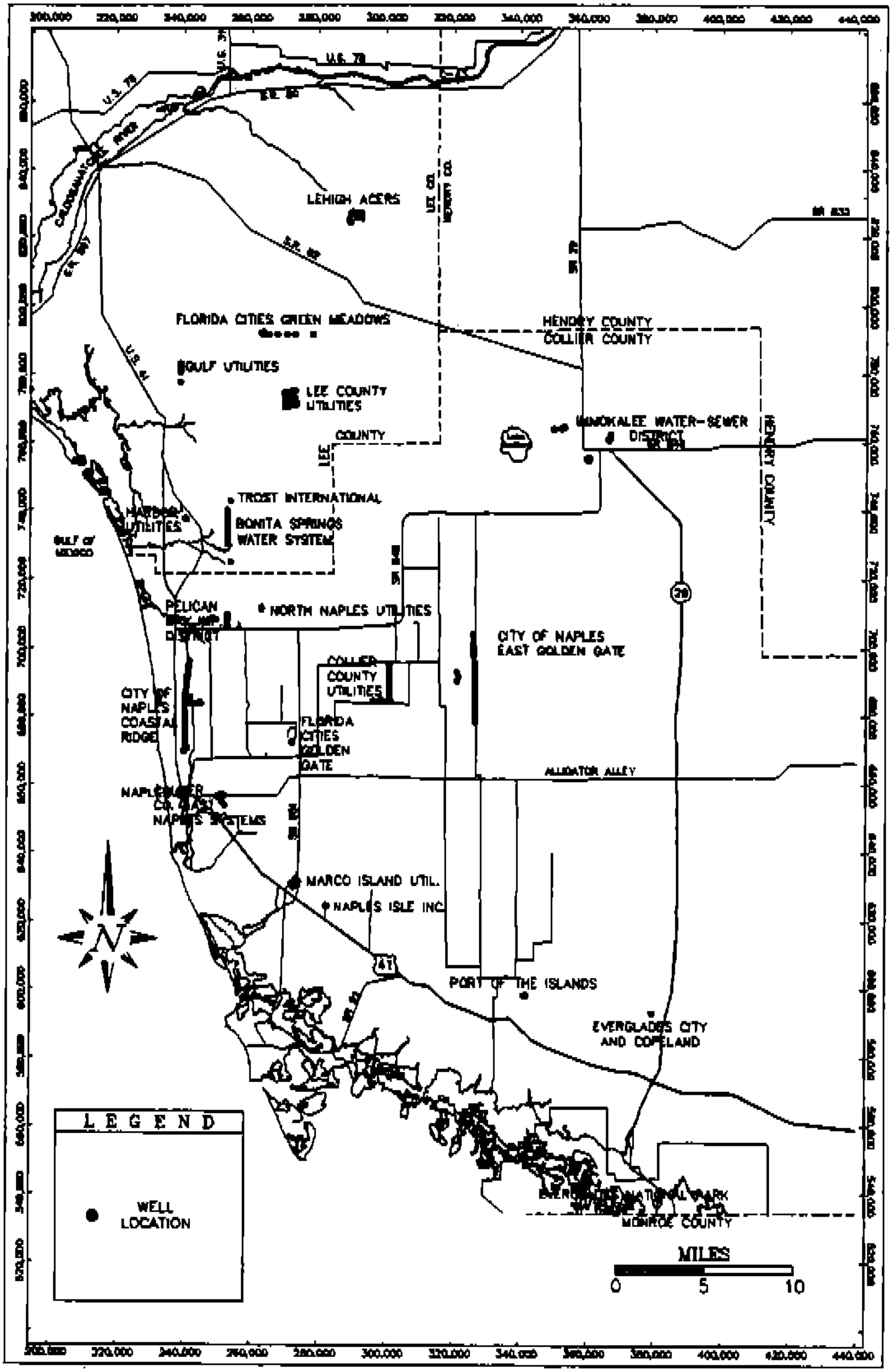


FIGURE 19. Location of Public Water Supply Wellfields

MODEL CALIBRATION

The western Collier County model was calibrated to both steady state and transient conditions. Figures 20, 21, 22 and 23 show the location of the ground water monitor wells used in the calibration process. The model was calibrated to ground water conditions that existed during February 1986 through December 1988. This period was chosen because it represented a period which included ample water level observations, surface water levels and hydrogeologic information. A multi-year period was chosen to show the effects of annual and seasonal variations in evapotranspiration, river stage, rainfall and pumpage.

STEADY STATE CALIBRATION

Steady state calibration served to make initial adjustments to aquifer parameters and stresses used in the model. These stresses included average values of recharge, evapotranspiration, pumpage and surface water stage elevations. The average values were calculated from the monthly values over the 35 month interval used in the transient calibration. The simulated head distribution generated during steady state runs were compared to water levels from monitor wells averaged over the calibration period. The final steady state model was re-run using the adjusted parameters generated during the transient calibration. This model subsequently provided much of the information concerning the ground water flow system in western Collier County and acted as the base for the sensitivity analyses.

TRANSIENT CALIBRATION

Transient calibration was completed by using 35 stress periods comprised of monthly intervals, with each stress period divided into five time steps. Starting heads for each layer were generated from water level data obtained from USGS ground water monitor wells for January 1986. End of month water level data for this month was chosen because it would accurately represent actual ground water levels at the beginning of the transient calibration period (February, 1986). The data was regionalized using a kriging interpolation technique which provides a starting head value for each model cell.

During transient calibration, aquifer parameters and stresses are adjusted so that a general agreement exists between observed and computed ground water levels for a monitor well located in a particular model cell. The model is assumed to be calibrated when a good visual correlation exists between calculated and observed monthly water levels and when the majority (75%) of simulated monthly water levels fell within the calculated standard deviation for a particular monitor well. If limited historical water level data existed for a monitor well, so that an accurate standard deviation could not be calculated, the following ranges for the average difference between observed and computed head over the transient calibration period were used to calibrate the model:

Layer 1 (Surficial aquifer)	± 2 feet
Layer 2 (lower Tamiami aquifer)	± 3 feet
Layer 3 (sandstone aquifer)	± 4 feet
Layer 4 (mid-Hawthorn Aquifer)	± 5 feet

These intervals are consistent with those used to calibrate the Lee County (Bower et al., 1990) and Hendry County (Smith, 1990) models. The same range of values were assumed to be valid for the western Collier County model because of similar hydrogeologic conditions and because the aquifers are part of the same regional ground water flow system.

The tolerance levels for the various aquifers were increased with depth for the following reasons:

1. Wetland and surface drainage patterns may be impacted by small changes in water levels within the Surficial aquifer.
2. Due to aquifer parameters and the confined nature of the deeper aquifers in this area, water levels fluctuate more widely in response to stresses as compared to an unconfined aquifer.

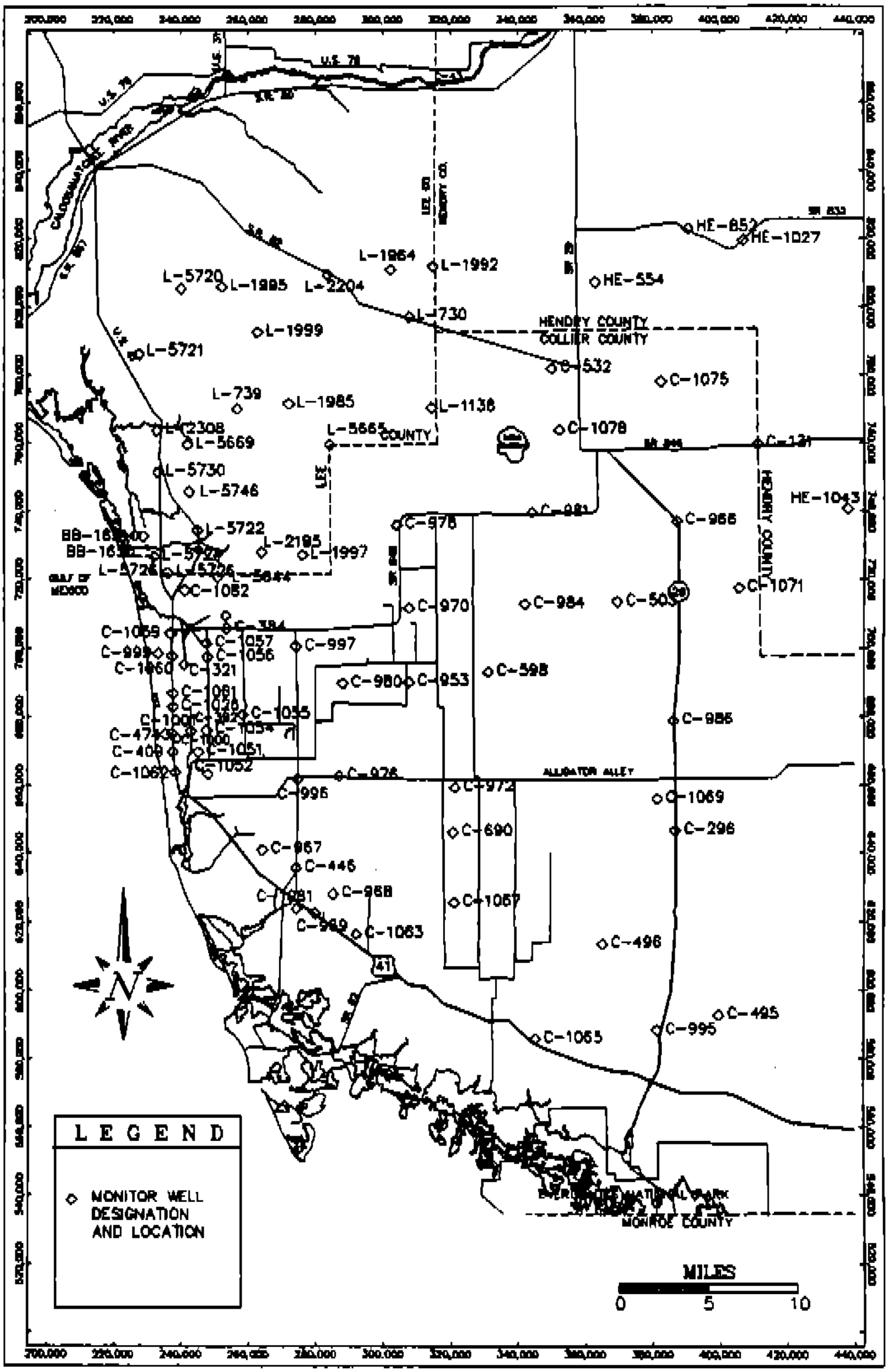


FIGURE 20. Observation Wells, Layer 1 (Surficial Aquifer)

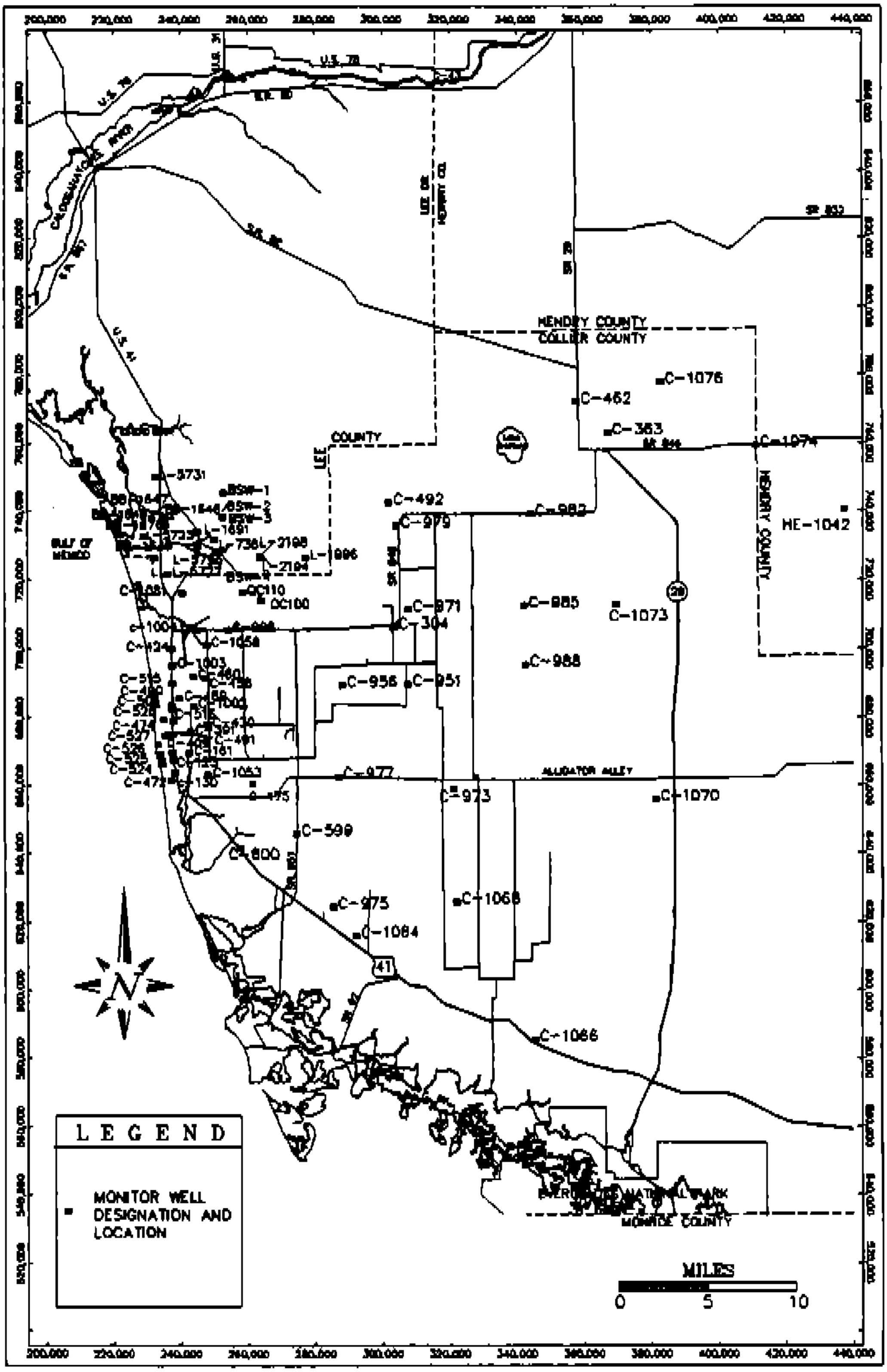


FIGURE 21. Observation Wells, Layer 2 (Lower Tamiami Aquifer)

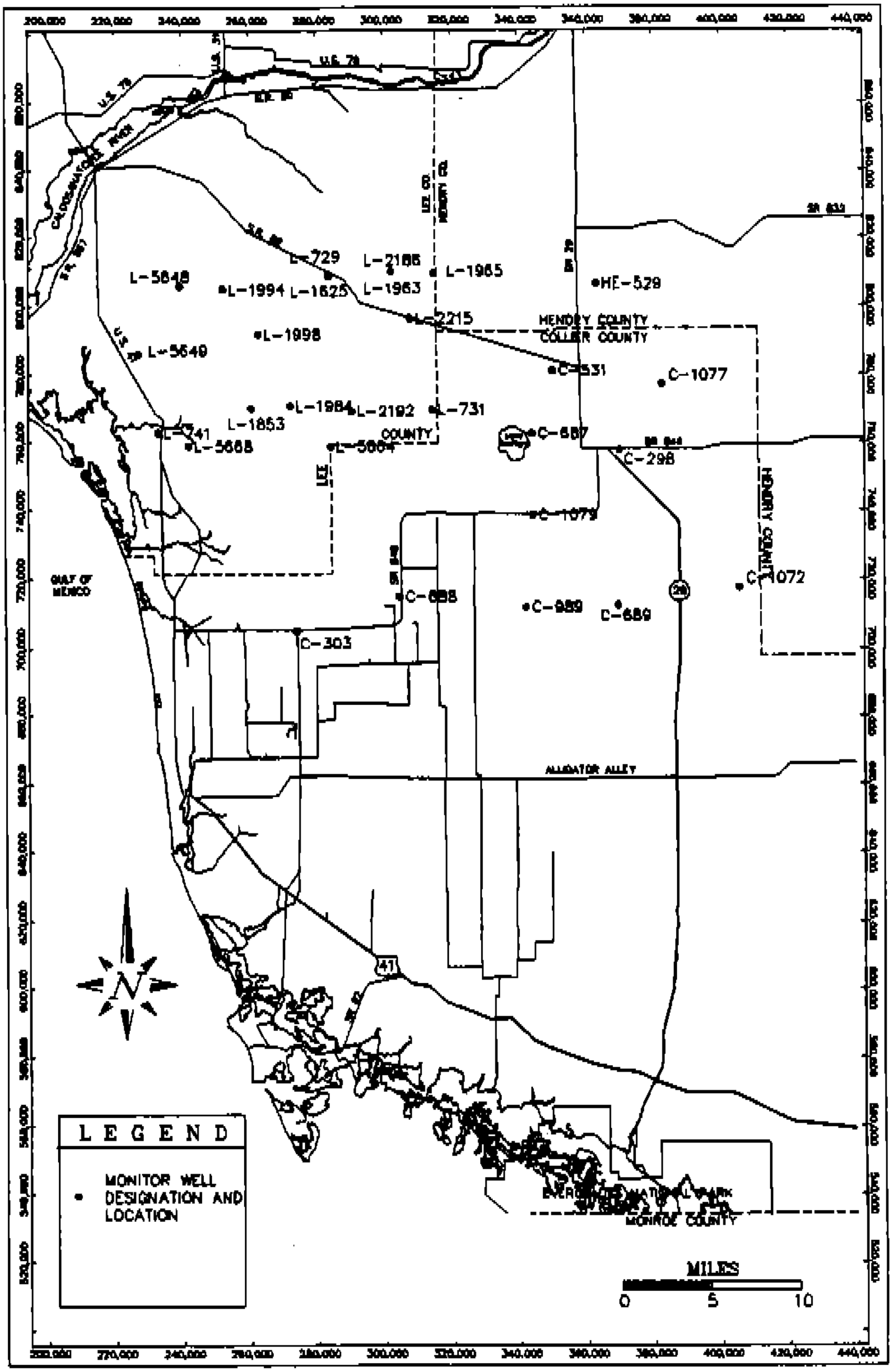


FIGURE 22 Observation Wells, Layer 3 (Sandstone Aquifer)

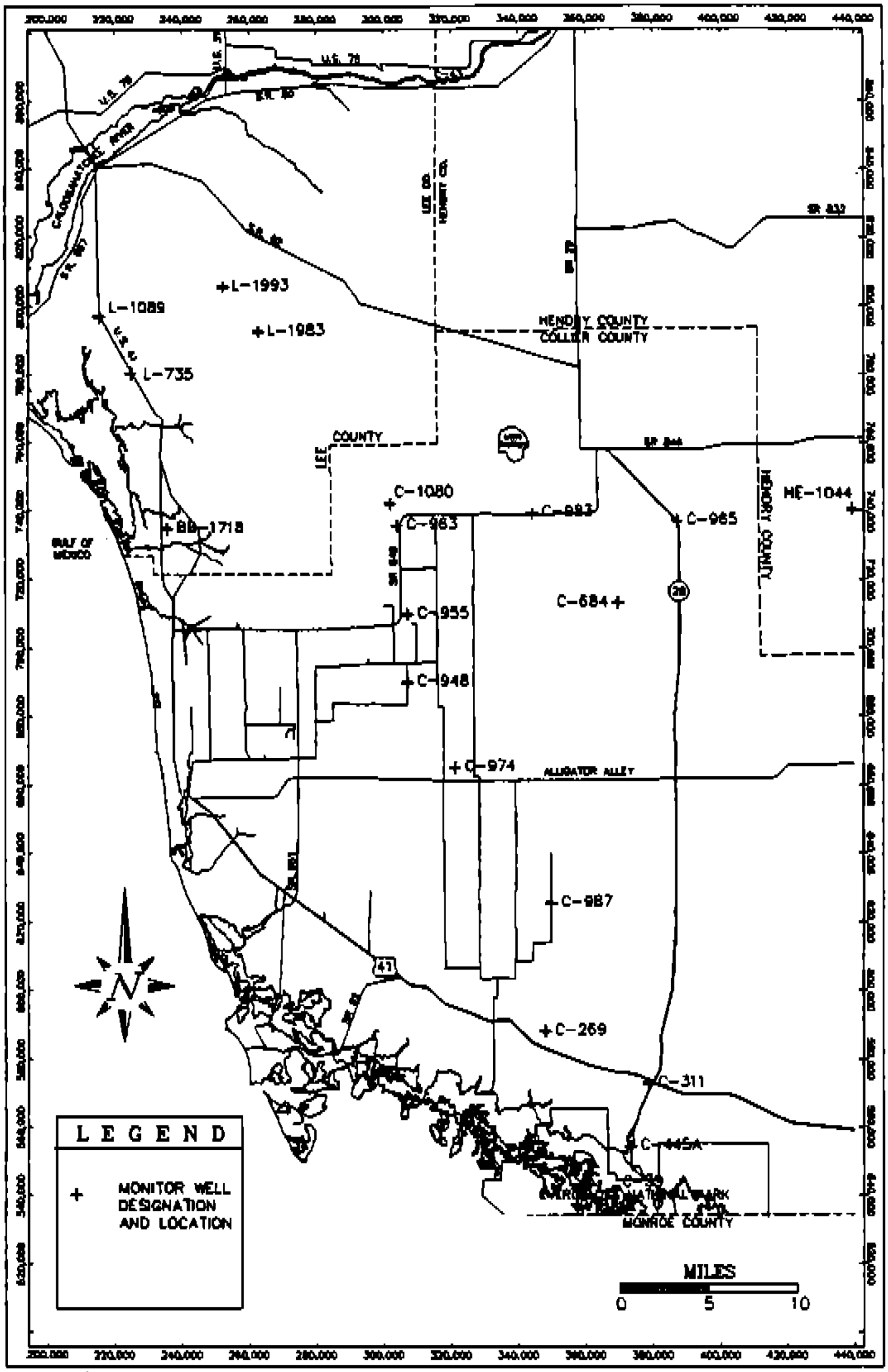


FIGURE 23. Observation Wells, Layer 4 (Mid-Hawthorn Aquifer)

3. Determining the actual regional water levels and deviation of simulated heads in the deeper aquifers is more difficult due to fewer available water level monitor wells.

Comparative hydrographs showing observed and simulated water levels were generated for those cells that contained USGS monitor wells within the model area. These hydrographs were used in the calibration process to determine how the simulated water levels changed over time in response to varying stresses and their general agreement to observed water levels. These comparative hydrographs are presented in Appendix H.

Agreement of model generated water levels with observed water levels can be affected by the following conditions:

1. Using monthly stress periods, simulated heads represent water levels at the end of each month. Observed water levels used in the model are taken over a period of several days near the end of any given month. Therefore, differences between observed and model simulated heads can be minimized by averaging these differences over the transient calibration period.

2. Ground water withdrawals from a model cell are simulated as a single stress located at the center of the cell. In reality, there may be numerous pumping wells located within a particular model cell. Combining all the well pumpages and locating it at the center of the cell may not accurately simulate actual condition. In addition, the simulated head in a model cell represents the average of all heads contained within that cell. However, actual water levels may vary greatly across a cell depending upon its dimension. In areas of intense pumpage, higher ground water gradients may develop causing water levels to vary significantly from the average. The location of a monitor well in relationship to the center of the cell and distance from an area of high ground water withdrawals can cause the observed head to vary greatly from the simulated head. However, the gradient across most of the model cells in this application were small enough for the simulated heads to accurately depict observed ground water levels.

3. Most rainfall events that occur in the study area are of short duration and cover a relatively small area. Ground water levels in the Surficial Aquifer System respond quickly to these events. Only a limited number of monitor wells are located within a short distance to rainfall stations, so an intense rainfall event causing water levels to fluctuate may not be represented in the rainfall data. Therefore, using rainfall data from these stations in the calculation of net recharge may cause large differences between simulated and observed water levels within localized areas. The time at which ground water levels are taken in relationship to these events may also cause large discrepancies between simulated and observed water levels for particular months. The discrepancies caused by these factors can also be minimized by averaging the difference between observed and simulated heads over the transient calibration period when comparing results.

The model was run with the input data sets compiled in the manner as discussed in the Model Description section of this report. However, to calibrate the model, modifications to the initial data sets were necessary. These modifications are discussed in the following section.

Layer 1 (Surficial Aquifer)

The initial hydraulic conductivity array for layer 1 (Surficial aquifer) was reduced in the Coastal Ridge area along U. S. Highway 41 because the results of the initial kriged array was influenced by large conductivity values in the Golden Gate Estates area. Conductivity values in the eastern portion of the model area were also reduced because the kriging interpolation technique did not reasonably depict the hydraulic conductivity for the Surficial aquifer in this area. This problem is the result of inadequate hydrogeologic information for the Surficial aquifer in the model area east of SR 29.

The evapotranspiration surface in the Coastal Ridge and Immokalee areas of Collier

County and Bonita Springs area in Lee County was adjusted because of the inability of the kriging interpolation technique to accurately reflect the large difference in land surface between model cells within these areas. No changes were made to the specific yield values during the calibration process. Vertical conductance (Vcont) between layer 1 and layer 2 was varied in order to change the head distribution in the two layers. The final Vcont distribution representing the lower Tamiami confining unit over the model area falls within the range of values obtained from aquifer tests. In the Bonita Springs area, however, Vcont values were reduced to 0.0000010 day^{-1} - 0.0000050 day^{-1}, which are slightly outside the range of leakance values obtained in this area. These values were assumed to be reasonable because a nested pair of wells in this area responds very slowly and shows small fluctuations in observed water levels in layer 1 (Surficial aquifer) when ground levels change significantly in layer 2 (lower Tamiami aquifer). The final leakance distributions used to represent the lower Tamiami confining unit in the calibration process is presented in Appendix A.

The average difference between observed and computed heads for the monitor wells in the various layers are shown in Figures 24 through 27. The average difference for each monitor well is positioned at the center of each model cell in which it is located, thus a slight discrepancy may be observed between these figures and those that show their exact locations.

Figure 24 shows the average difference between the observed and simulated heads in layer 1 (Surficial aquifer) over the 35 month calibration period. The majority of the monitor wells fall within the tolerance range of ± 2 feet for the average difference and within the confidence bands using the wells' calculated standard deviation. Computed water levels in the cells occupied by wells C-981, C-1071 and L-1992, do not fall within the desired tolerance range. Inspection of aerial photographs reveal large areas of agricultural development within the cells occupied by C-981, C-1071, and L-1992. These areas may have been unpermitted or the permits were missing during the compilation of the agricultural water use database. These wells may have also been designated to withdraw from a different aquifer in the initial water use permit application or influenced by small capacity agricultural drainage canals. The result of not accurately simulating these withdrawals or drainage canals may have caused the computed heads to be significantly higher than observed heads within these localized areas.

Layer 2 (Lower Tamiami Aquifer)

During the transient calibration process, no changes were made to the initial transmissivity or specific storage values. Minor modifications were made to the vertical conductance term between layers 1 and 2 and layers 2 and 3 to alter the head distribution in layer 2 (lower Tamiami aquifer). Final leakance values representing the upper Hawthorn confining unit range from 0.0000055 day^{-1} to 0.0008800 day^{-1}, which are within the range of reported values from aquifer tests. Appendix A shows the final leakance distribution of the lower Tamiami and upper Hawthorn confining units used in the transient calibration process.

The agreement between the observed and simulated water levels for layer 2 (lower Tamiami aquifer) is shown in Figure 25. Of the 46 monitor wells, 72 percent show an average difference of less than ± 1 foot, with only four wells falling outside the specified tolerance range of ± 3 feet. Monitor wells C-988 and C-1073 show an average difference of -3.82 and -4.19 feet between observed and simulated water levels, respectively. Both of these wells are located in areas of high agricultural development and the simulated heads may reflect the results of overestimation of pumpage from this aquifer in this area. The opposite results are seen in monitor wells L-738 and L-5723, located in the Bonita Springs area of Lee County. These wells show high positive average differences between observed and simulated water levels and may reflect the underestimation or inaccurate trends of domestic self supply withdrawals from this highly urbanized area. The comparative hydrographs for these wells (Appendix H) shows the computed heads do not accurately reflect monthly water levels or trends found in the observed water level data. The hydraulic parameters within these areas were also changed within reasonable limits. These changes did not significantly affect the quality of calibration of these wells.

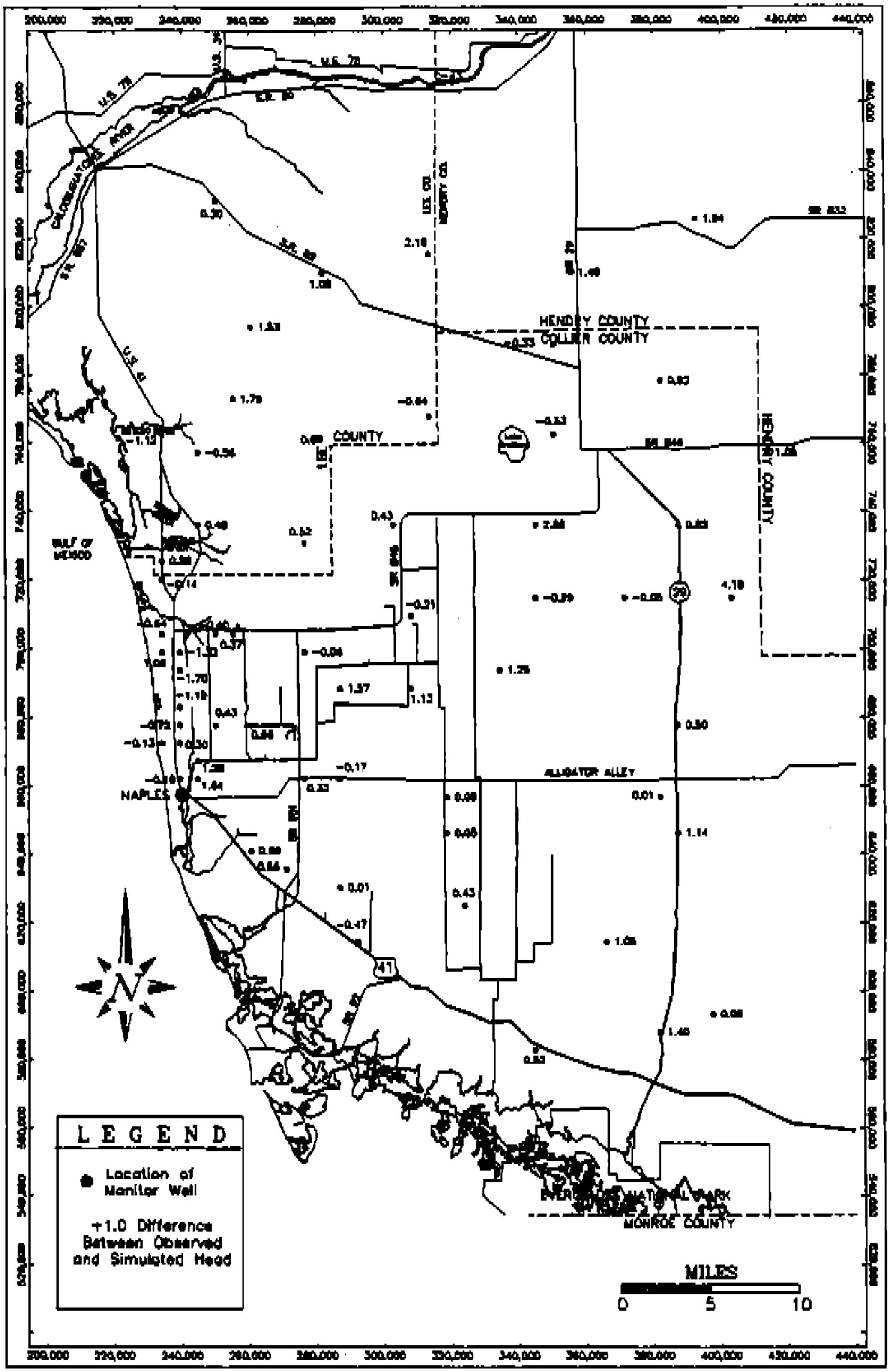


FIGURE 24. Average Difference Between Observed and Computed Water Levels, Layer 1 (Surficial Aquifer)

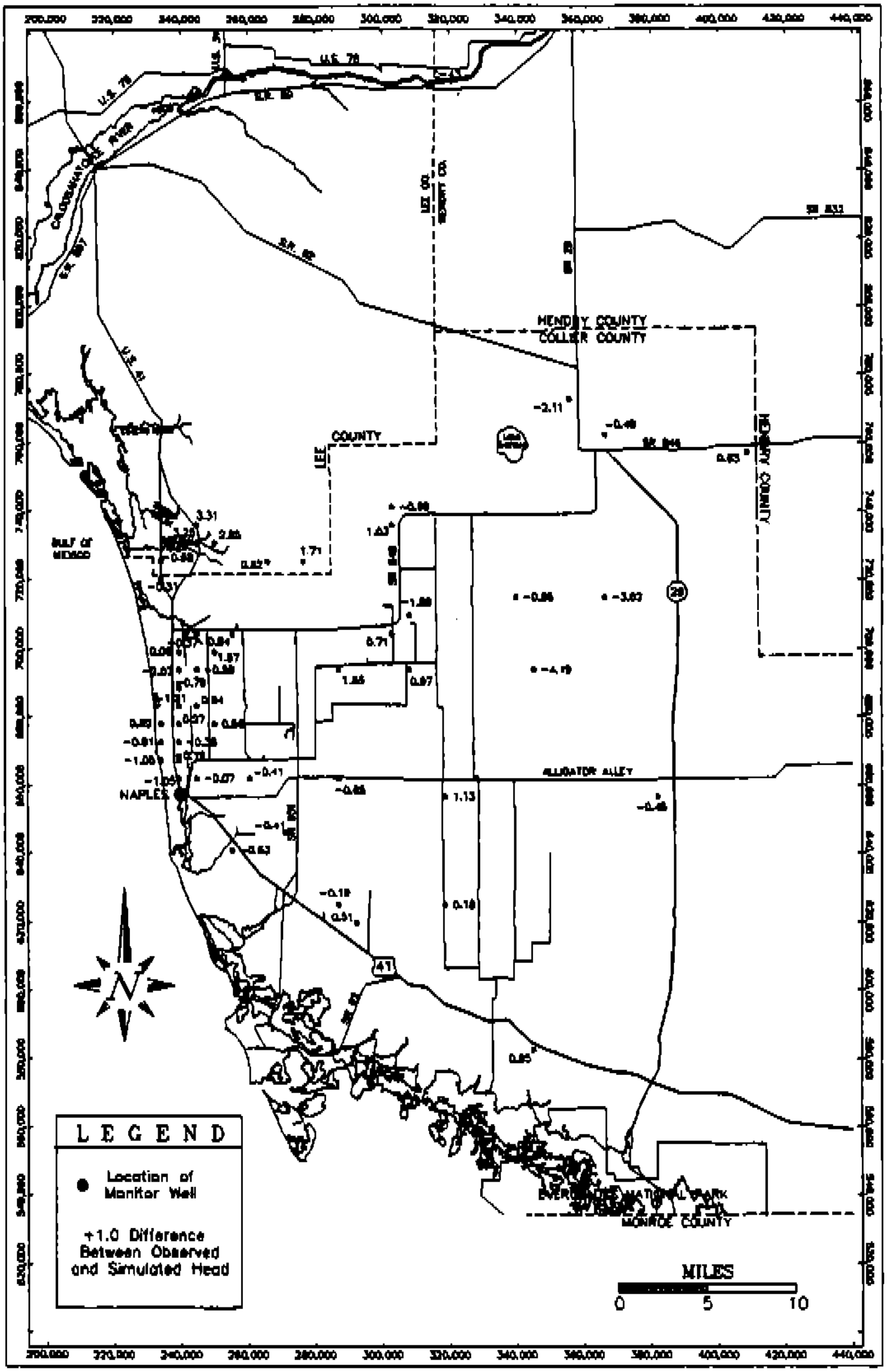


FIGURE 25. Average Difference Between Observed and Computed Water Levels, Layer 2 (Lower Tamiami Aquifer)

Layer 3 (Sandstone Aquifer)

The initial transmissivity array representing this layer was altered only slightly and no changes were made to the specific storage values during the transient calibration process. The head distribution in this layer was primarily modified by changing the leakance values between layers 2 and 3 and layers 3 and 4. However, slight changes in leakance values between layers 3 and 4 caused significant changes in the head distribution within layer 3. The large head gradient that exists between layers 3 and 4 is the primary driving force controlling upward leakance and represents the majority of the recharge into layer 3. The final leakance distributions representing the upper and lower Hawthorn confining units used in the model calibration process are presented in Appendix A.

Figure 26 shows the average difference between observed and simulated water levels for monitor wells in the sandstone aquifer (Layer 3). The average difference for the majority of the monitor wells within the sandstone aquifer are within the acceptable tolerance range of ±4 feet and monthly simulated heads fall within their confidence band based on their computed standard deviation. However, monitor wells C-1079, L-1984 and L-1998 fell outside these tolerance ranges. Similar results occurred for L-1984 and L-1998 in the Lee County Model. Bower et al., (1990) suggests these discrepancies are attributed to cell wide averaging due to their proximity to the Green Meadow and Corkscrew wellfields. The large discrepancies found in C-1079 may be due to inaccurate (under-estimated) agricultural withdrawals from this aquifer within this localized area or to cell-wide averaging.

Layer 4 (Mid-Hawthorn Aquifer)

During transient calibration, no changes were made to the initial transmissivity or specific storage arrays. The leakance values between layers 4 and 5, which represents the lower Hawthorn confining unit, was altered slightly from those generated during steady state calibration. Minor alterations in the leakance distribution that separate these two layers caused significant head distribution changes in layer 4. The final leakance distribution representing the lower Hawthorn confining unit within the model area range from 0.0000008 day^{-1} to 0.0000200 day^{-1} and is presenl... in Appendix A.

The average differences between observed and computed water levels for layer 4 are shown in Figure 27. The majority (92%) of the monitor wells fell below the specific tolerance level of ±5 feet. The only significant difference between observed and simulated water range occurs in monitor well L-1983. Computed water levels generated by the Lee County Model (Bower et al., 1990) were also consistently lower than observed water levels for this well. The lower simulated water levels may reflect overestimated domestic self supply withdrawals. Geologically, the mid-Hawthorn aquifer both thins and dips rapidly to the southwest which may isolate this portion from responding to conditions present to the north and west (Bower et al., 1990).

RESULTS

Transient Calibration

Layer 1 (Surficial Aquifer). Figures 28 and 29 show the simulated head distribution for April 1988 (end of dry season) and October 1988 (end of wet season) in layer 1. The highest water table altitudes occur north of Immokalee and flow radially from this area which also corresponds to the highest land elevation in the model area. A ground water divide also develops across the model area along a N40W trend and fluctuates in response to areal recharge and pumpage. The lowest levels occur along the coast where ground water discharges into the Gulf of Mexico. Comparison between Figures 28 and 29 show very little seasonal fluctuation with most occurring near areas of intense agricultural withdrawals.

Layer 2 (Lower Tamiami Aquifer). Figures 30 and 31 show the simulated head distribution in layer 2 (lower Tamiami aquifer) in April and October 1988. Comparison between layer 1 (Surficial aquifer) and layer 2 (lower Tamiami aquifer) shows similar head distributions and resulting flow patterns. However, both simulated and natural head distributions are lower in layer 2 over the majority of the model area. Seasonal fluctuations are more apparent in layer 2 due to its semi-confined nature and larger simulated withdrawals. The larger, more intensive water users are seen as cones of depression on these

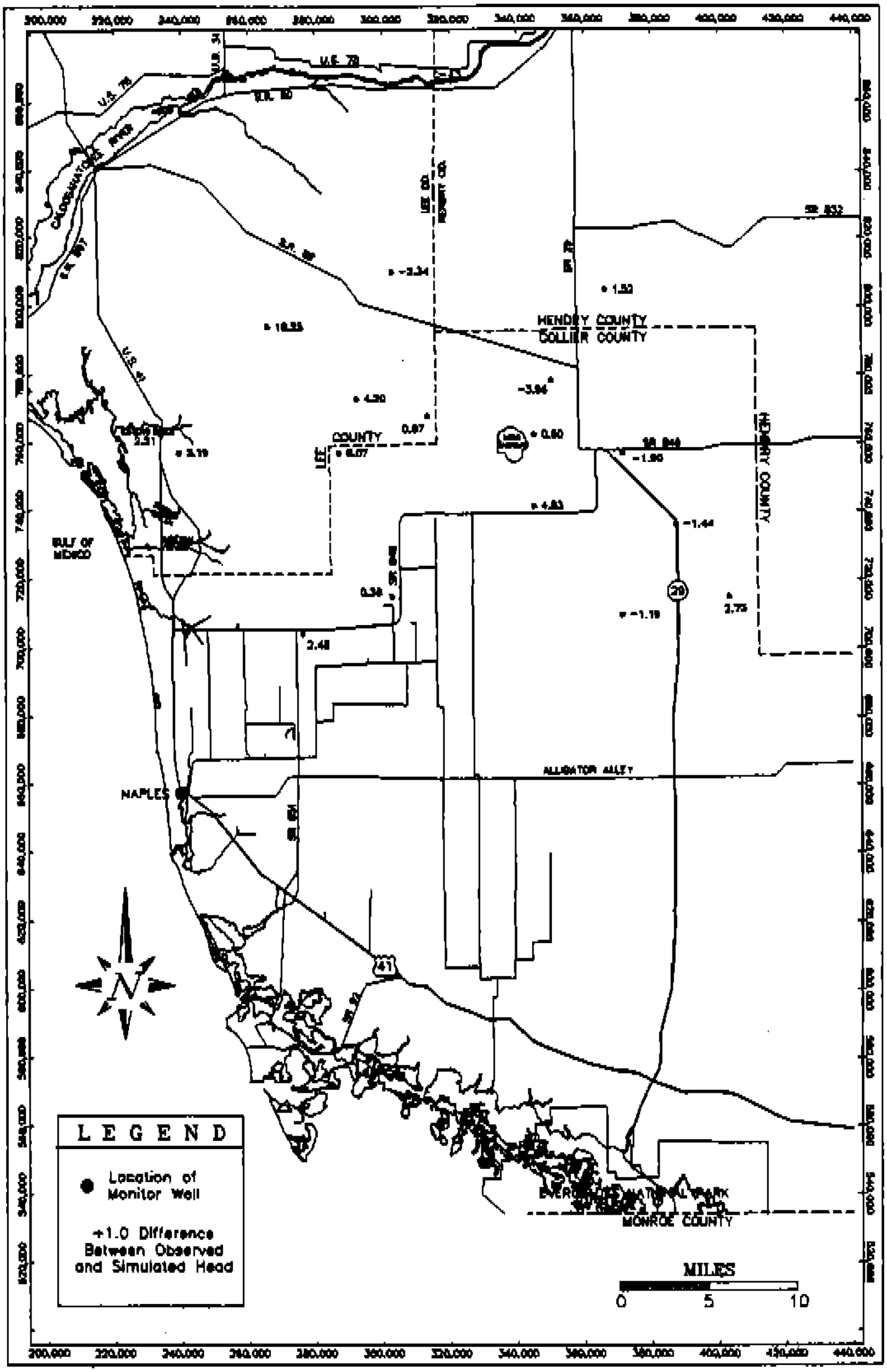


FIGURE 26. Average Difference Between Observed and Computed Water Levels, Layer 3 (Sandstone Aquifer)

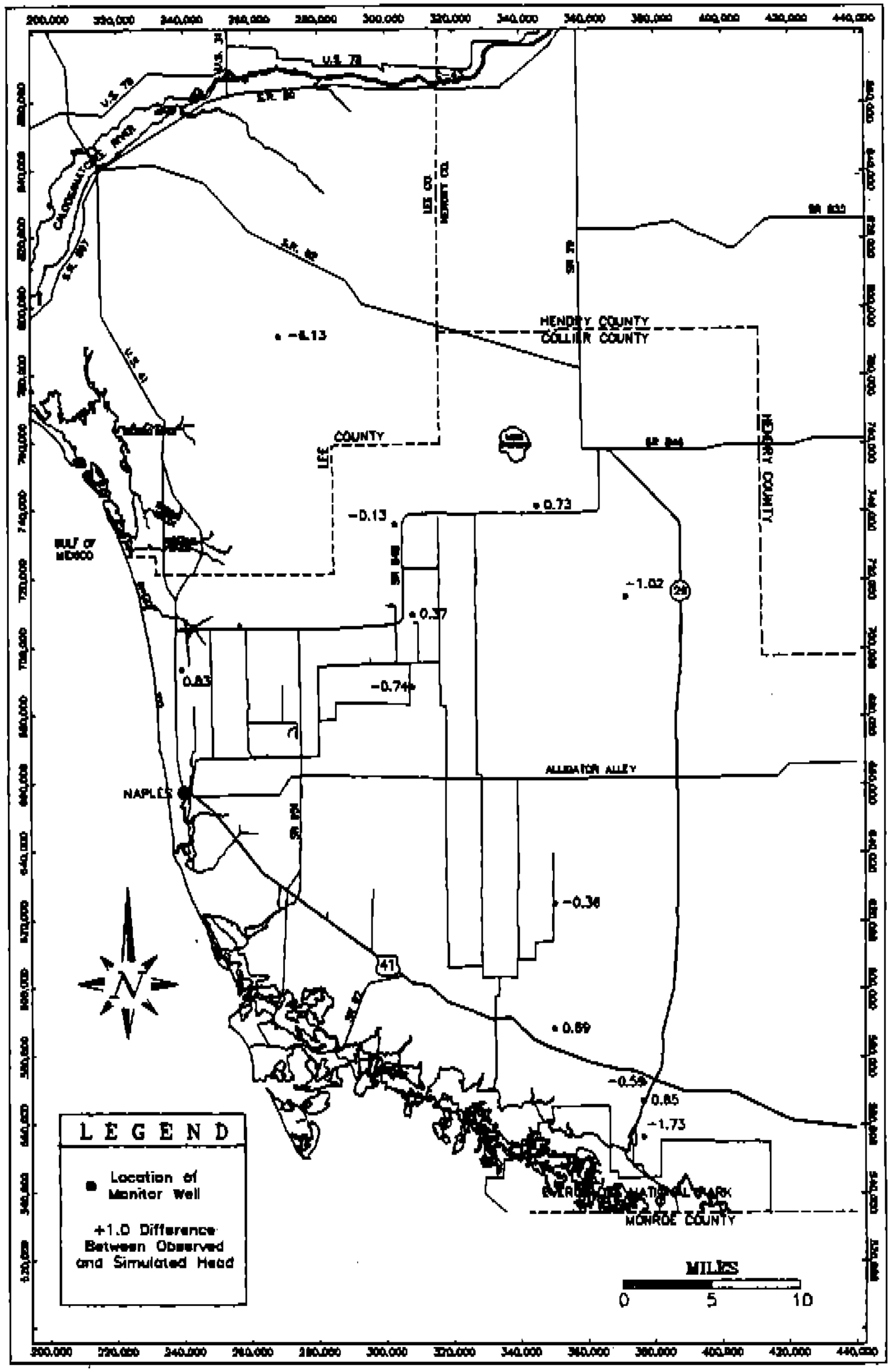


FIGURE 27. Average Difference Between Observed and Computed Water Levels, Layer 4 (Mid-Hawthorn Aquifer)

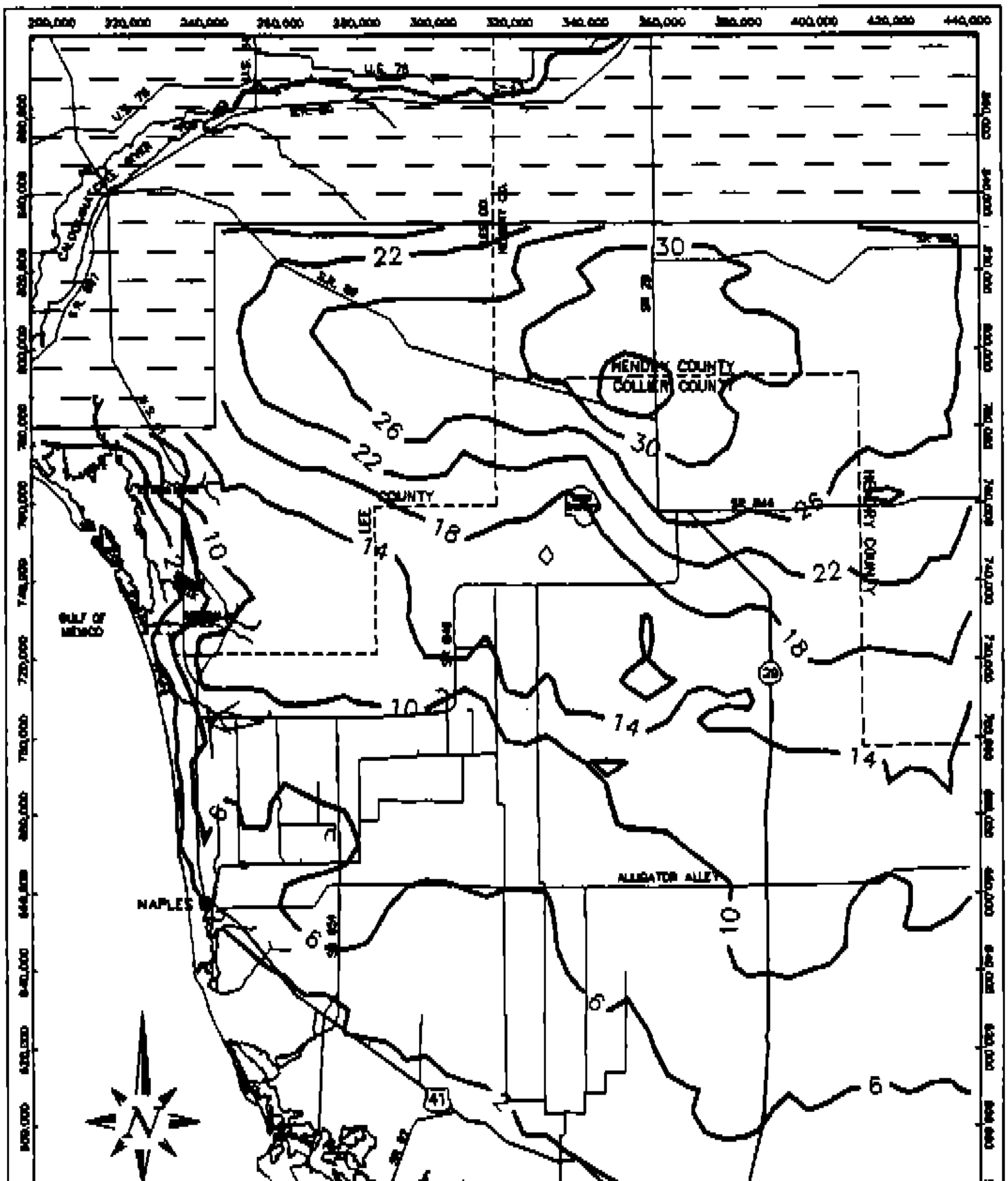


FIGURE 28. Computed Water Levels, Layer 1 (Surficial Aquifer) April 1988

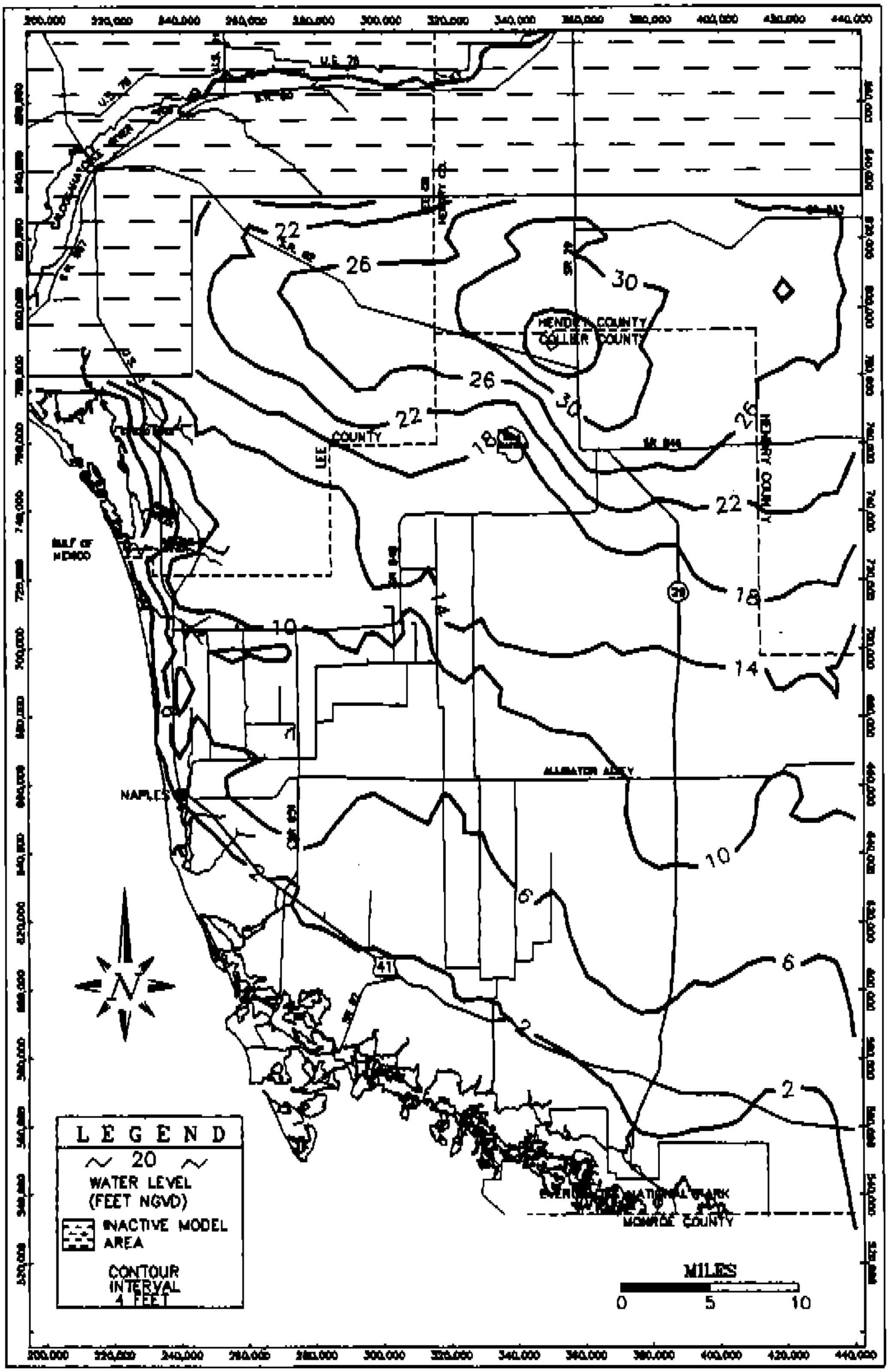


FIGURE 29. Computed Water Levels, Layer 1 (Surficial Aquifer) October 1988

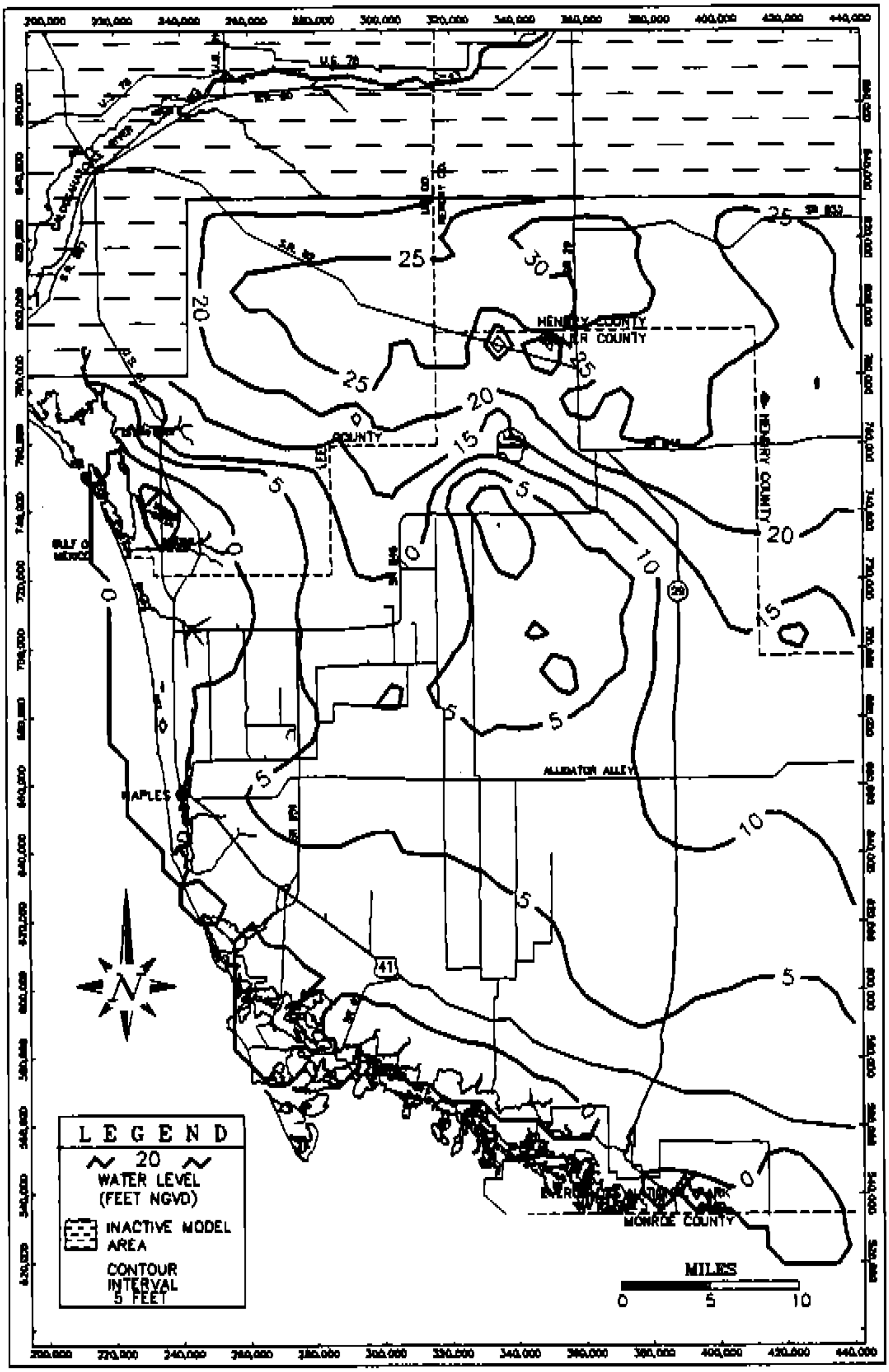


FIGURE 30. Computed Water Levels, Layer 2 (Lower Tamiami Aquifer) April 1988

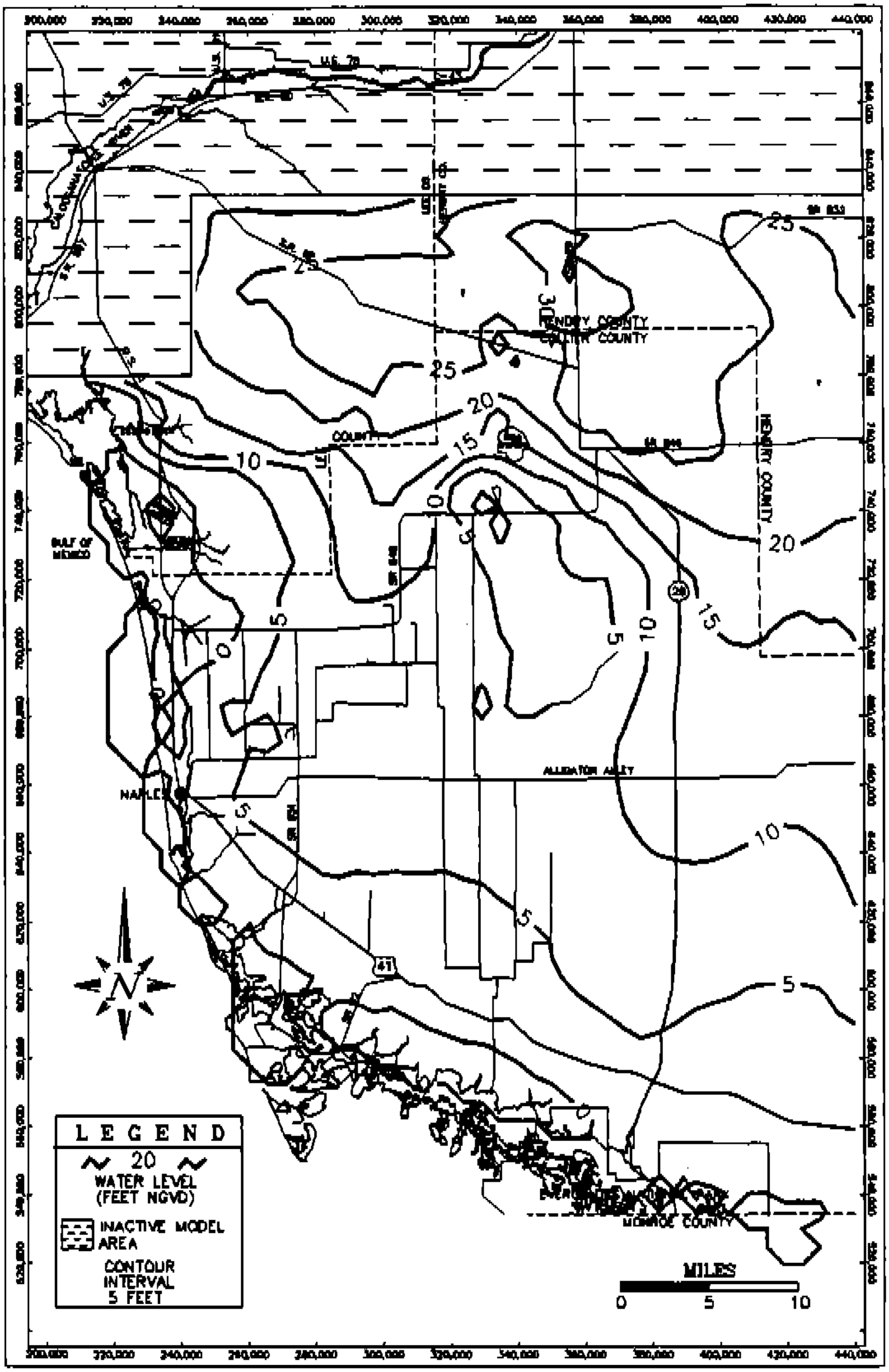


FIGURE 31. Computed Water Levels, Layer 2 (Lower Tamiami Aquifer) October 1988

maps. Simulated head distributions in layer 2 are consistent with observed water level distributions for these months.

Layer 3 (Sandstone Aquifer). Figures 32 and 33 show the computed head distributions in the sandstone aquifer for April and October 1988. Large withdrawals from the sandstone aquifer causes deep cones of depression of small areal extent. These deep cones of depression are due to its relatively poor hydraulic characteristics and limited areal extent. Seasonal fluctuation are also more apparent in areas of intense pumpage.

Layer 4 (Mid-Hawthorn Aquifer). The mid-Hawthorn simulated head distributions for April 1988 and October 1988 are shown in Figures 34 and 35. A comparison between the end of dry (Figure 34) and end of wet (Figure 35) seasons simulated head distributions show only minor fluctuations. These figures also reveal only limited withdrawals from this aquifer in Collier County. The majority of the pumpage occurs in central Lee County or outside the model area in southern Ft. Myers and Cape Coral area.

Steady State

Time dependent variables such as recharge, evapotranspiration, well withdrawals and surface water levels were averaged over the 35 month transient calibration period. The calibrated aquifer hydraulic parameters from the transient run were used in the final steady state runs. These calibrated parameters served as the bases for the sensitivity analysis and provided information on the ground water flow system in Collier County.

Layer 1 (Surficial Aquifer). The arrows shown in Figure 36 indicate the magnitude and direction of simulated horizontal flow in the Surficial aquifer. The magnitude and direction of each of the arrows represent the flow between adjacent cells under average conditions. These vectors show that horizontal flow in the Surficial aquifer is primarily towards large surface water bodies, major canals and areas of intense ground water withdrawals.

The volumetric budget for layer 1 (Surficial aquifer) is shown in Figure 37. Analysis of this budget indicates that recharge from precipitation (RECH) accounts for approximately 95 percent of the total inflow to the aquifer. The remaining five percent results from inflows entering through the northern and eastern model boundaries (GEN) and upward leakance from the lower Tamiami aquifer (LAY2). However, 52 percent of the water within the Surficial aquifer is lost by evapotranspiration (ET). A significant amount of water is also removed by an extensive network of canals (CAN) and as a result of downward leakance into the lower Tamiami aquifer (LAY2). Agricultural (AGW), domestic supply (DSS) and public water supply (PWS) withdrawals account for approximately 14 percent of the total outflows with the majority (10-12%) for agricultural and landscape irrigation use (AGW).

Layer 2 (Lower Tamiami Aquifer). Figure 38 shows the magnitude and direction of simulated horizontal flow in the lower Tamiami aquifer. The flow vectors indicate areas of significant withdrawals from both agricultural and public water supply wells.

Analysis of the volumetric budget for layer 2 (lower Tamiami Aquifer) is shown in Figure 39. Downward leakance from the overlying Surficial aquifer (LAY1) and upward leakance from the sandstone aquifer (LAY3) account for 81.6% and 10.5% of the inflows, respectively. Figure 40 shows the relative magnitude and direction of vertical leakance across the lower Tamiami confining unit under steady-state conditions. Approximately eight percent of the total volume of water enters the aquifer along the model boundaries from Lee and Hendry counties (GEN). Average withdrawals from the various users represents approximately 72 percent of the outflows from this aquifer with agricultural and landscape withdrawals (AGW) responsible for 138.4 MGD of the 273.7 MGD of the total steady-state pumpage.

Layer 3 (Sandstone Aquifer). The sandstone aquifer is used extensively in the Lehigh area of Lee County and Immokalee area of Collier County as indicated by the large horizontal flow vectors seen in Figure 41. Figure 42 shows the areas of increased leakance from the overlying lower Tamiami aquifer through the upper Hawthorn confining unit associated with these withdrawals.

Figure 43 shows the volumetric budget for layer 3 (sandstone aquifer) and indicates that flow into the aquifer occurs through the confining layers from the lower Tamiami (LAY2)

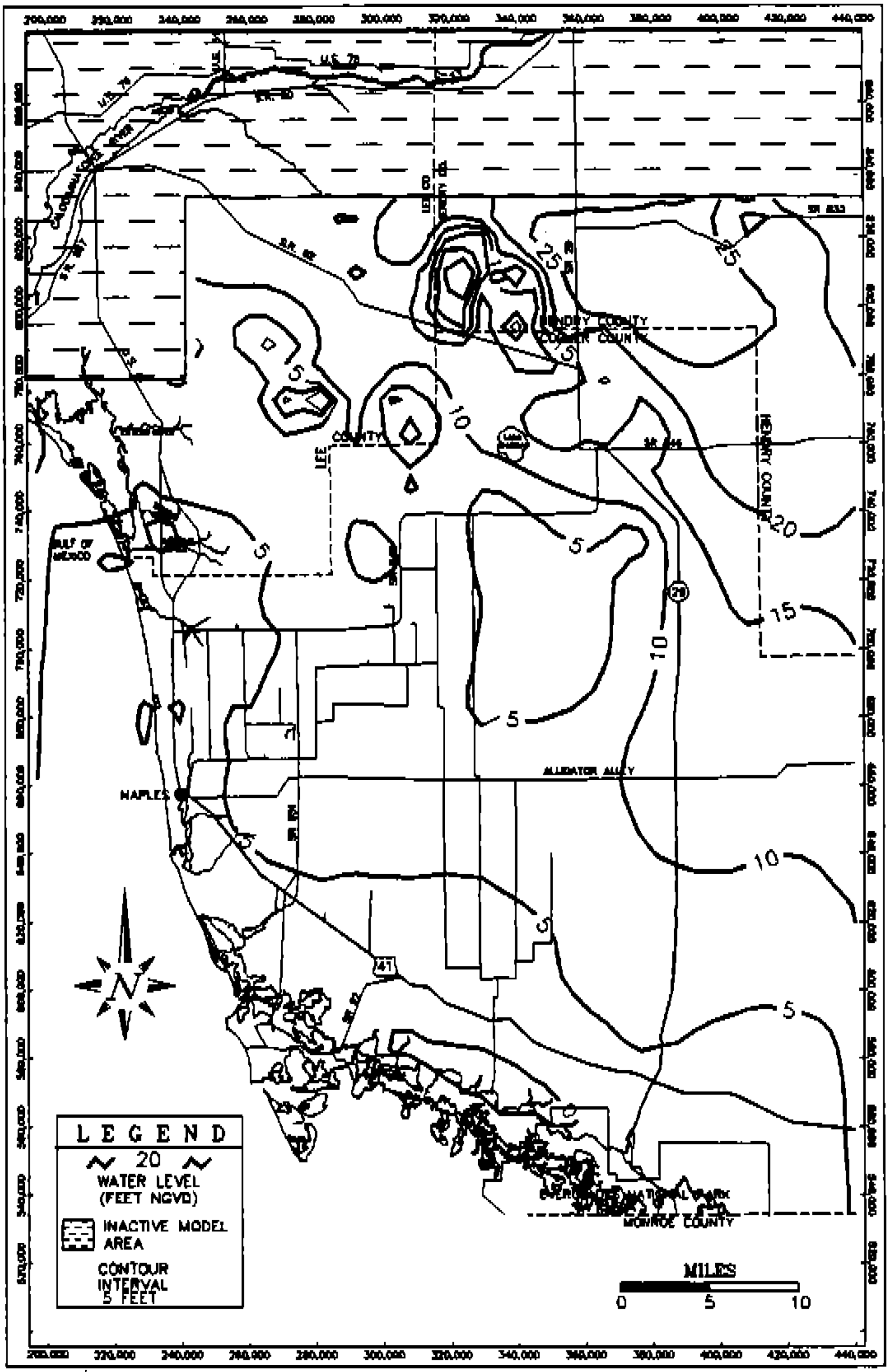


FIGURE 32. Computed Water Levels, Layer 3 (Sandstone Aquifer) April 1988

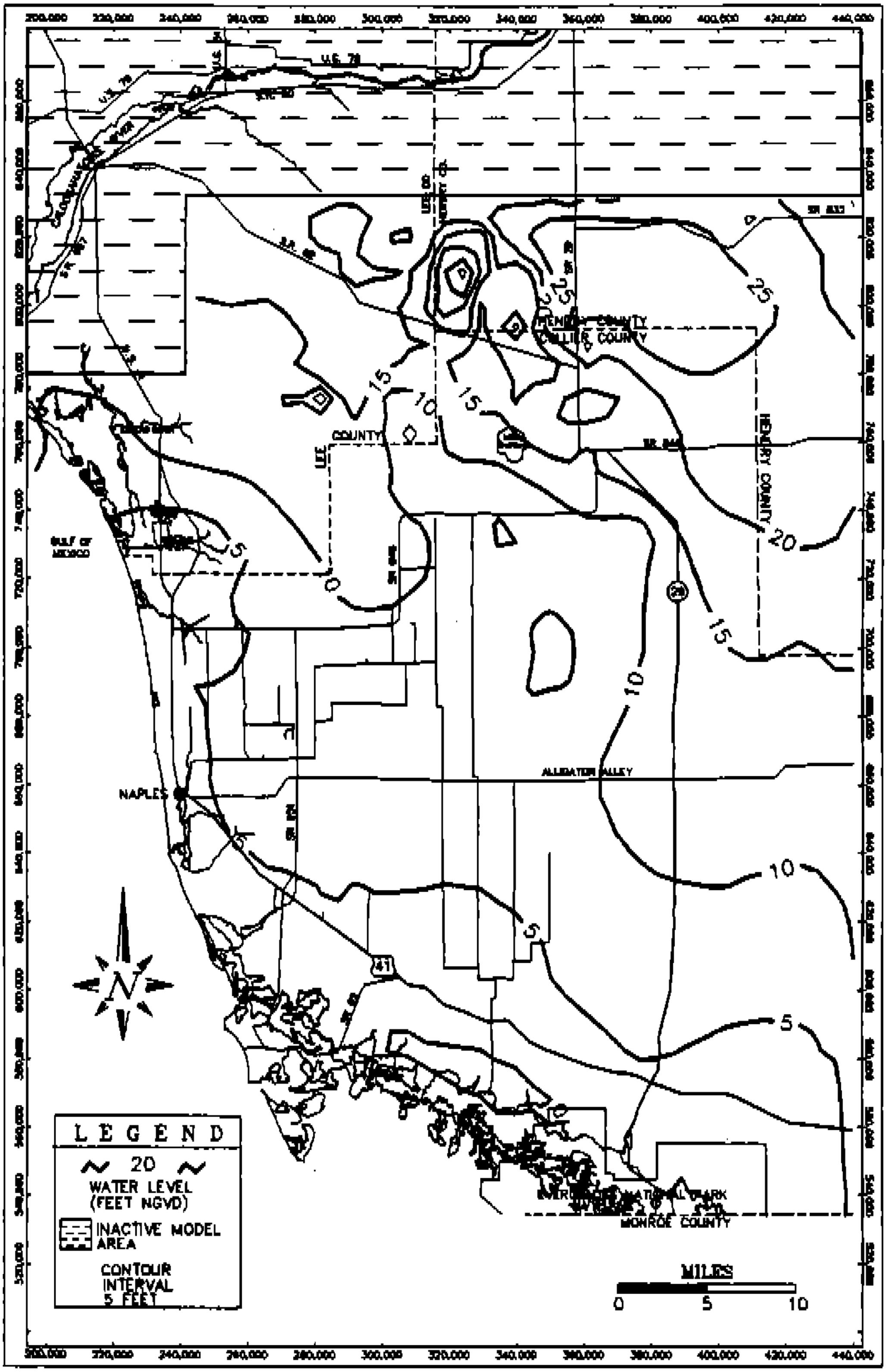


FIGURE 33. Computed Water Levels, Layer 3 (Sandstone Aquifer) October 1988

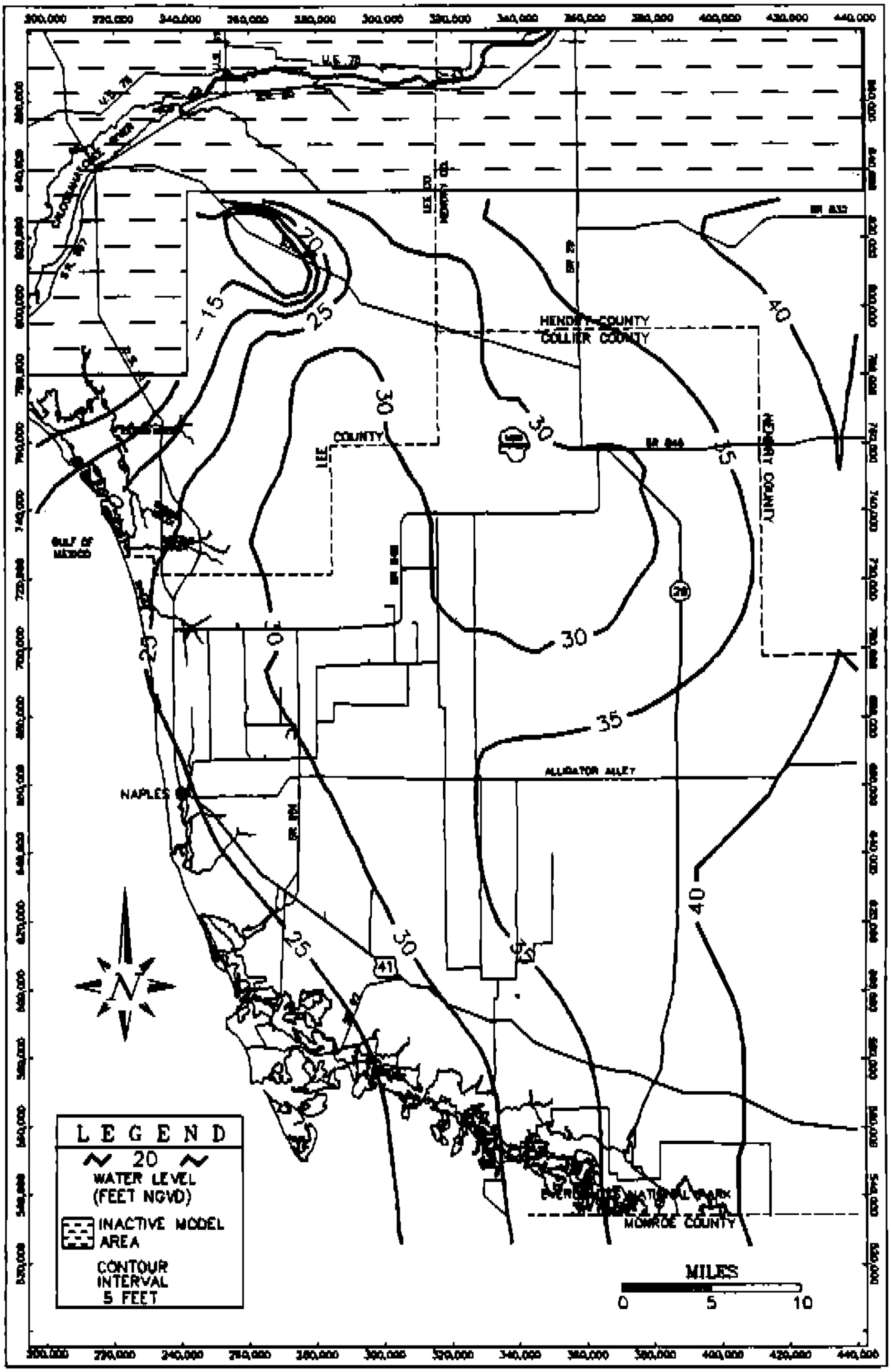


FIGURE 34. Computed Water Levels, Layer 4 (Mid-Hawthorn Aquifer) April 1988

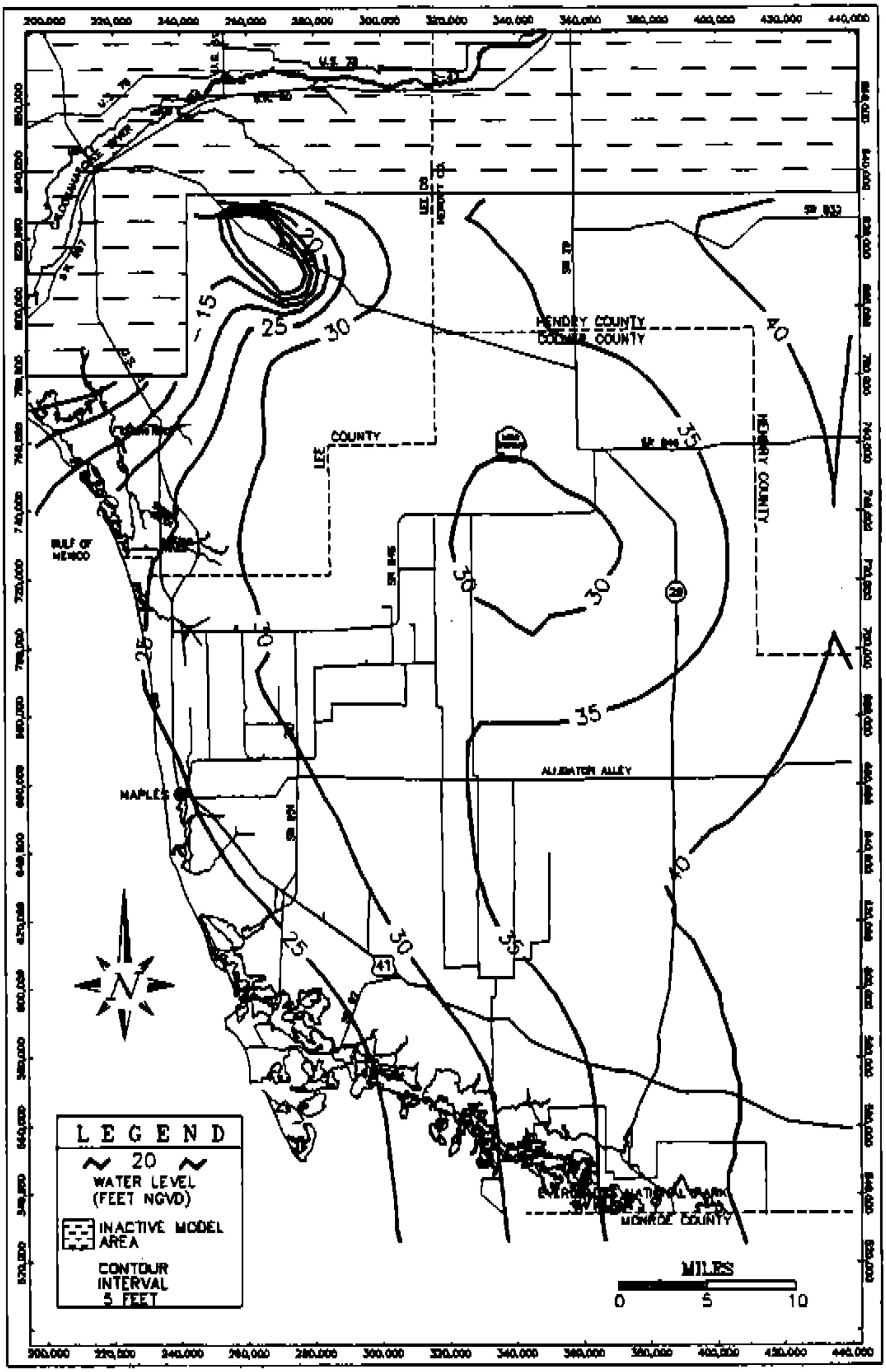


FIGURE 35. Computed Water Levels, Layer 4 (Mid-Hawthorn Aquifer) October 1988

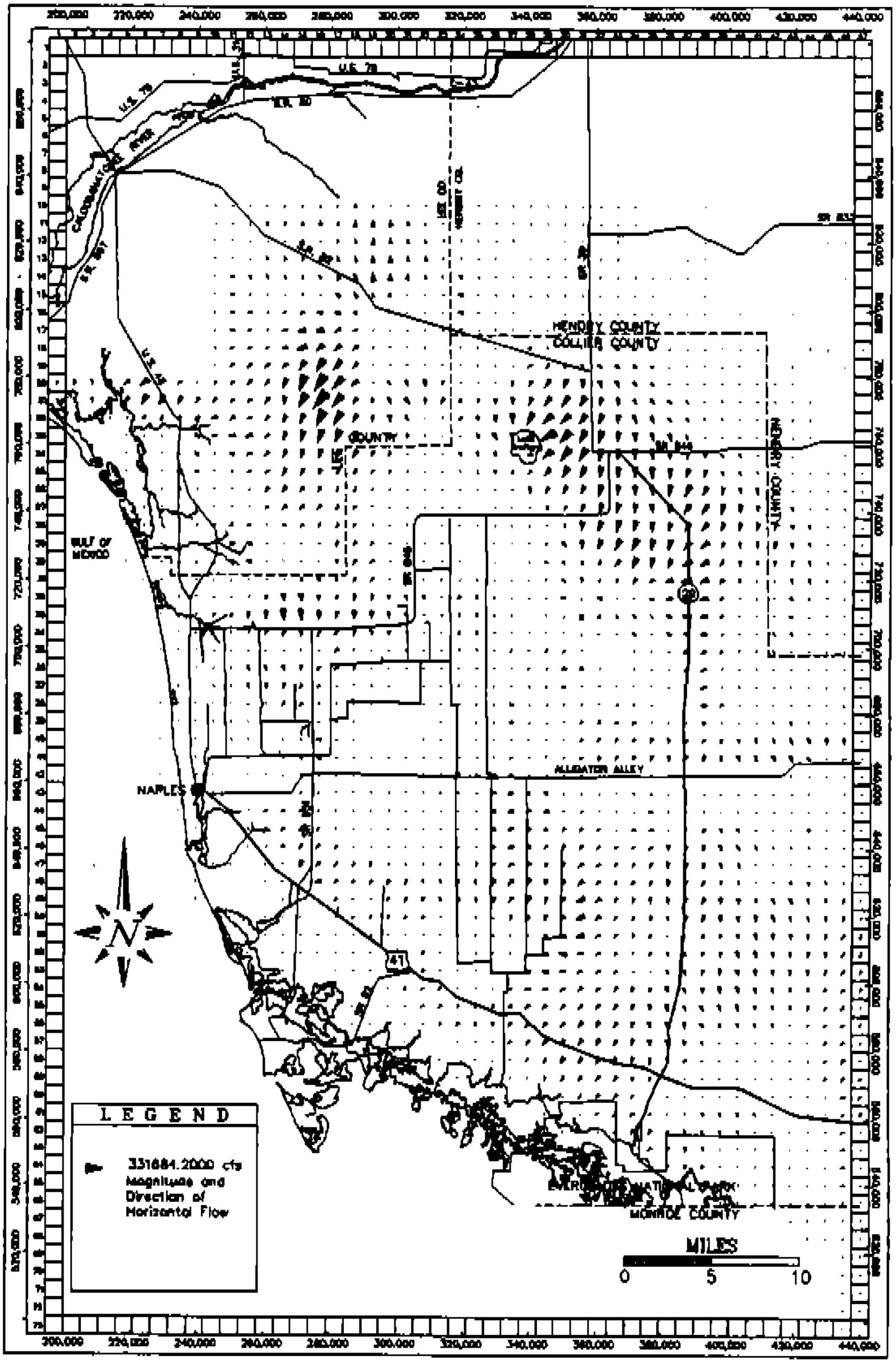
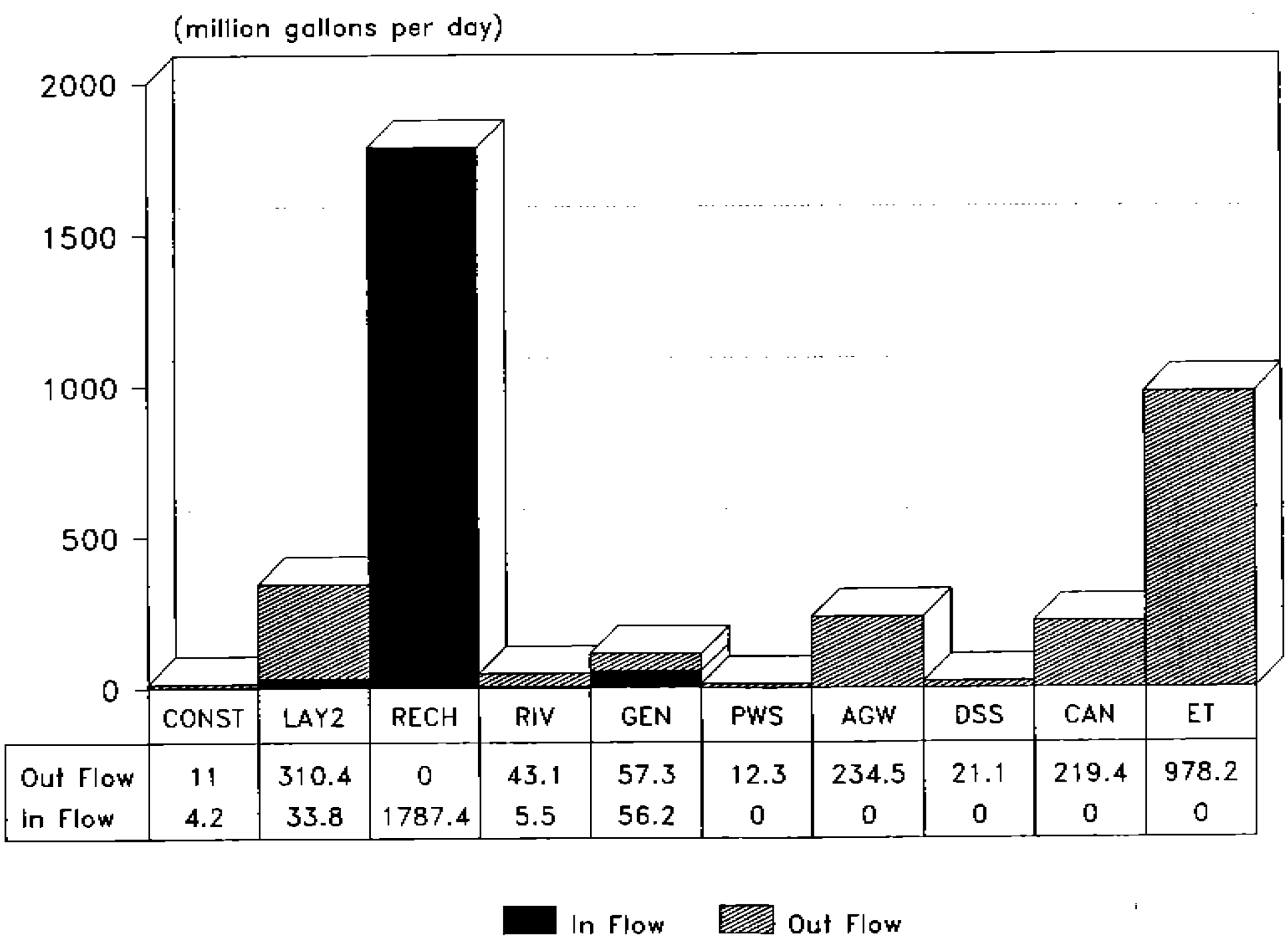
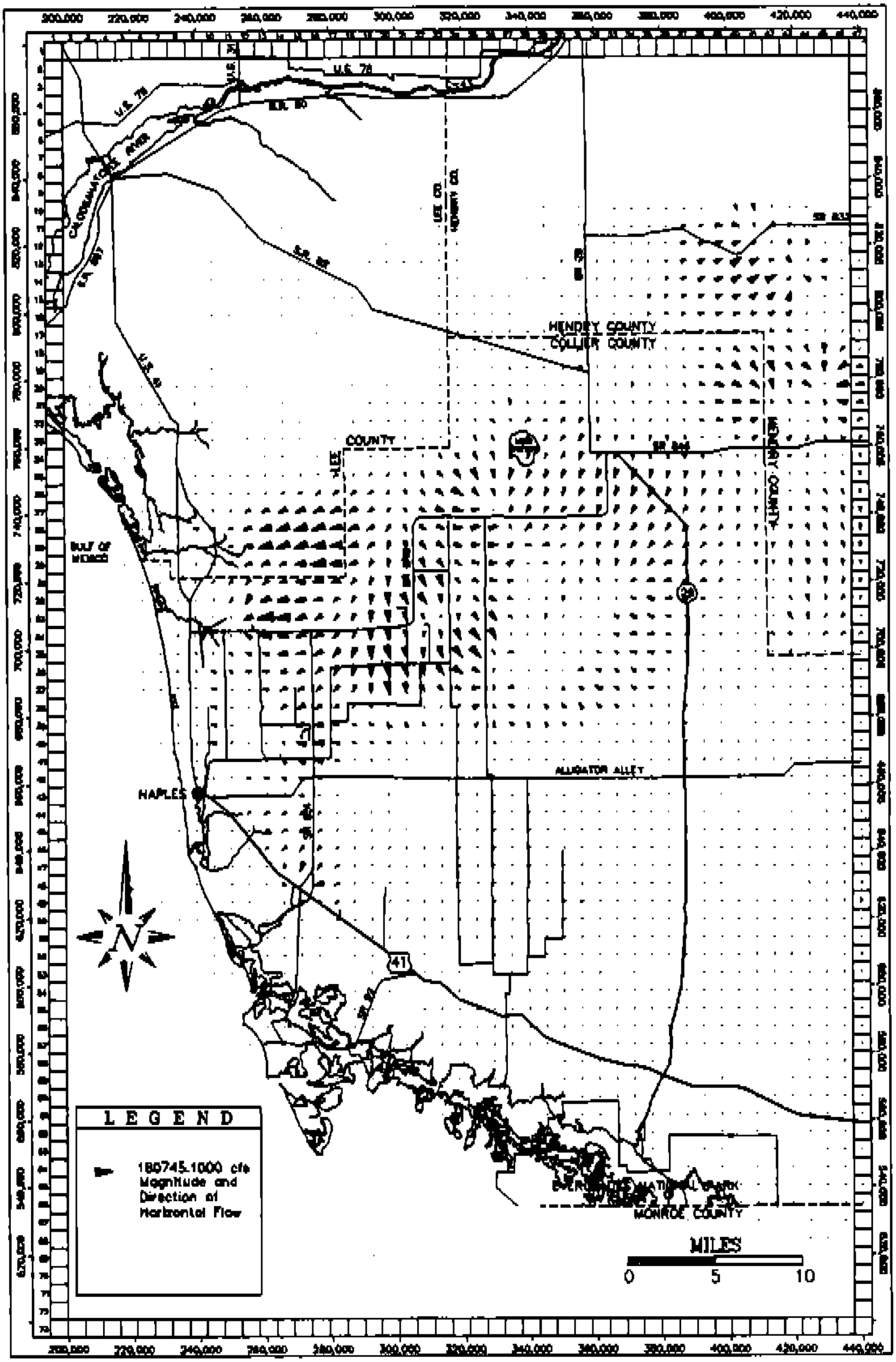


FIGURE 36. Simulated Steady State Horizontal Flow Vectors, Layer 1 (Surficial Aquifer)

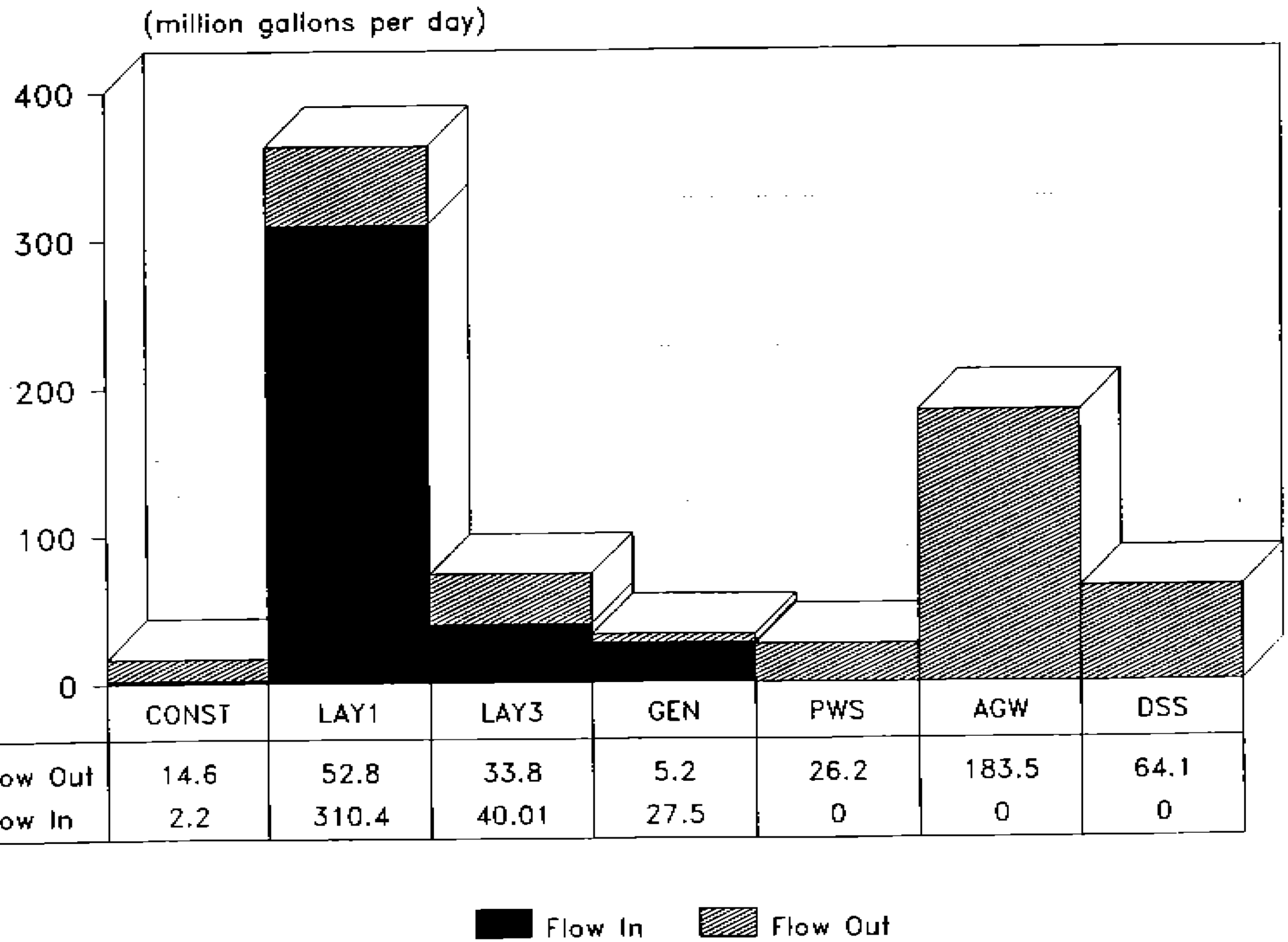


	CONST	LAY2	RECH	RIV	GEN	PWS	AGW	DSS	CAN	ET
Out Flow	11	310.4	0	43.1	57.3	12.3	234.5	21.1	219.4	978.2
In Flow	4.2	33.8	1787.4	5.5	56.2	0	0	0	0	0

FIGURE 37. **Volumetric Budget, Layer 1 (Surficial Aquifer) Steady State Conditions**



-FIGURE 38. Simulated Steady State Horizontal Flow Vectors, Layer 2 (Lower Tamiami Aquifer)



	CONST	LAY1	LAY3	GEN	PWS	AGW	DSS
Flow Out	14.6	52.8	33.8	5.2	26.2	183.5	64.1
Flow In	2.2	310.4	40.01	27.5	0	0	0

FIGURE 39. **Volumetric Budget, Layer 2 (Lower Tamiami Aquifer) Steady State Conditions**

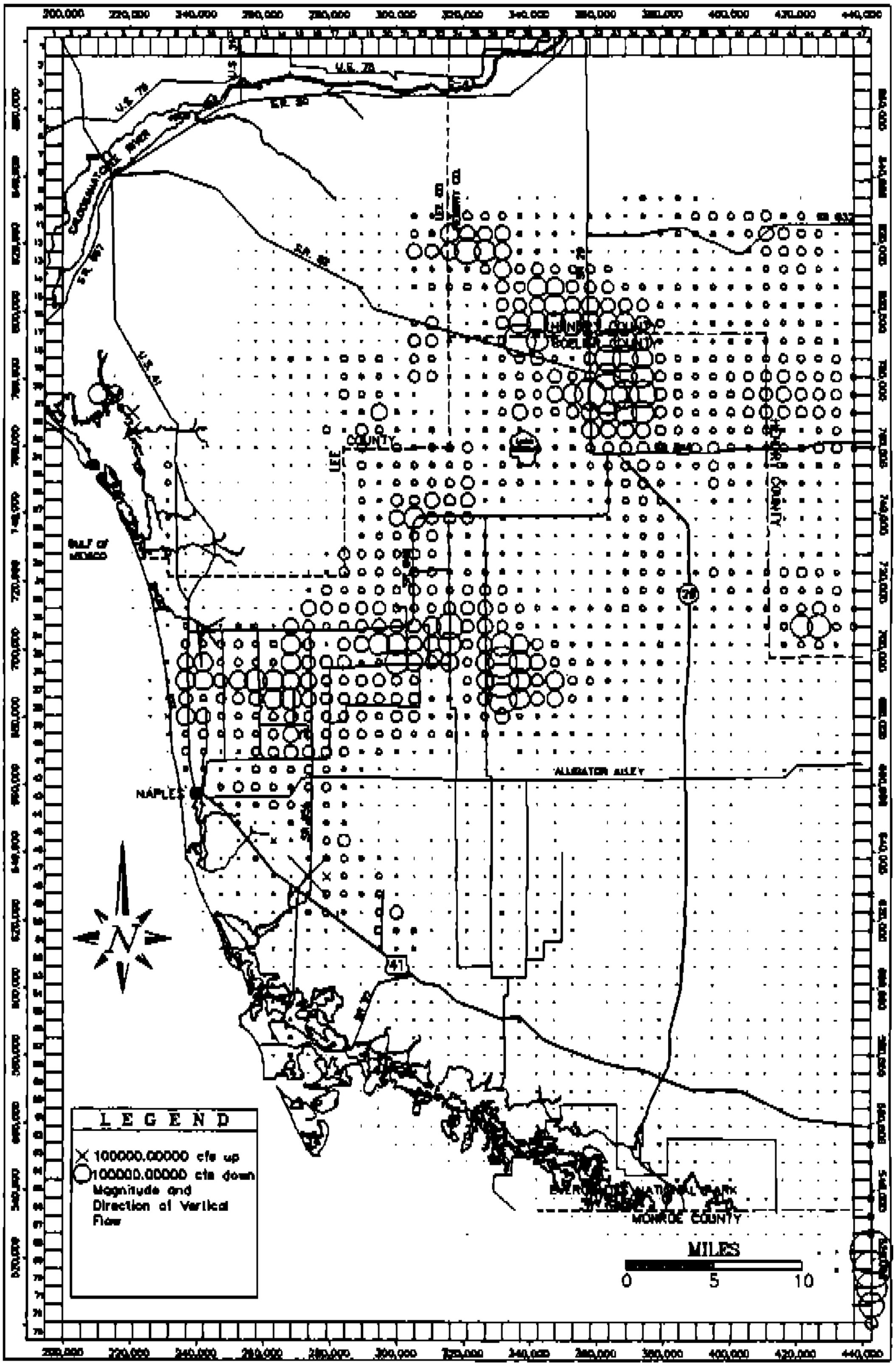


FIGURE 40. Simulated Steady State Vertical Flow Between Layer 1 (Surficial Aquifer) and Layer 2 (Lower Tamiami Aquifer)

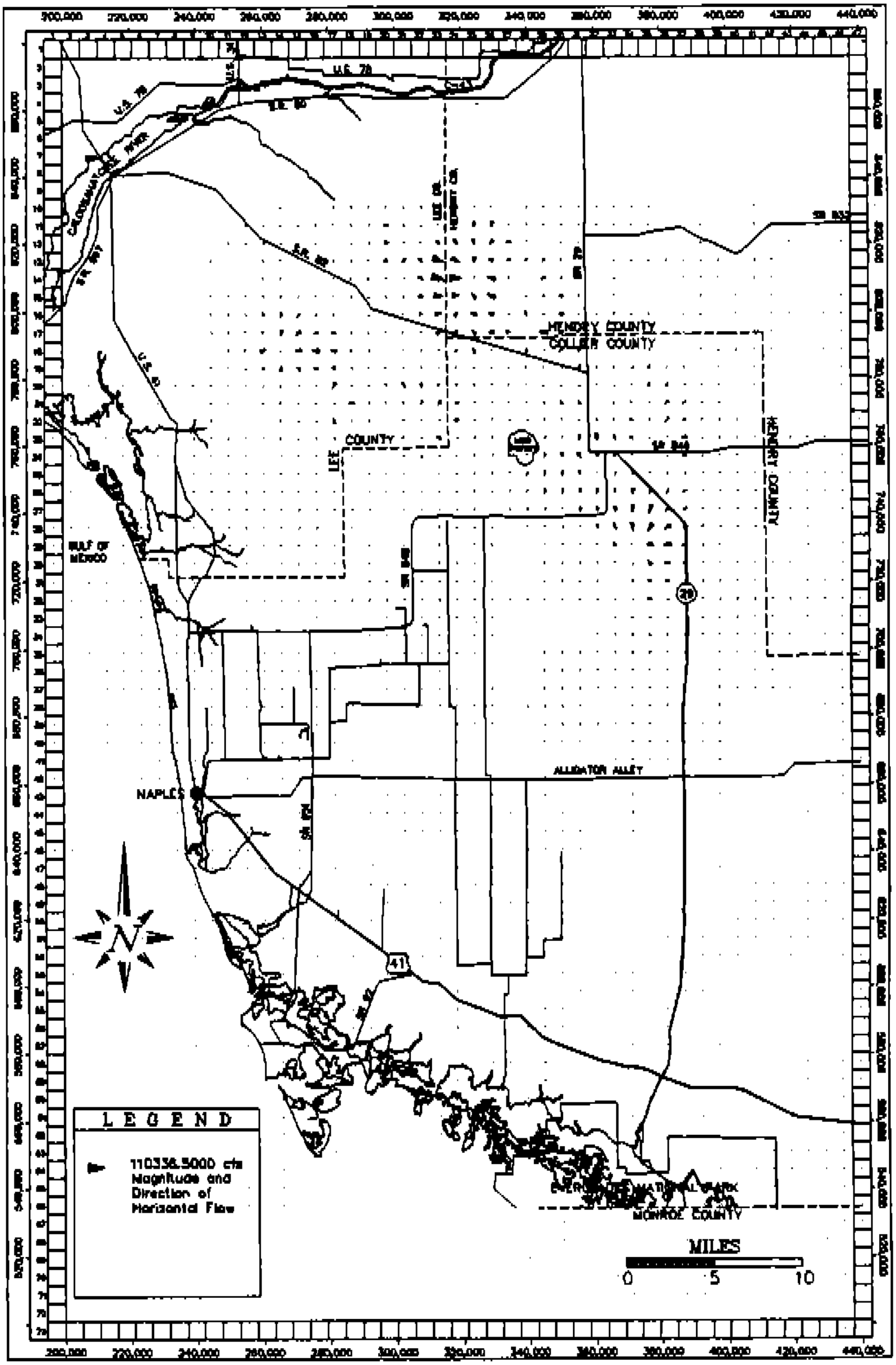


FIGURE 41. Simulated Steady State Horizontal Flow Vectors, Layer 3 (Sandstone Aquifer)

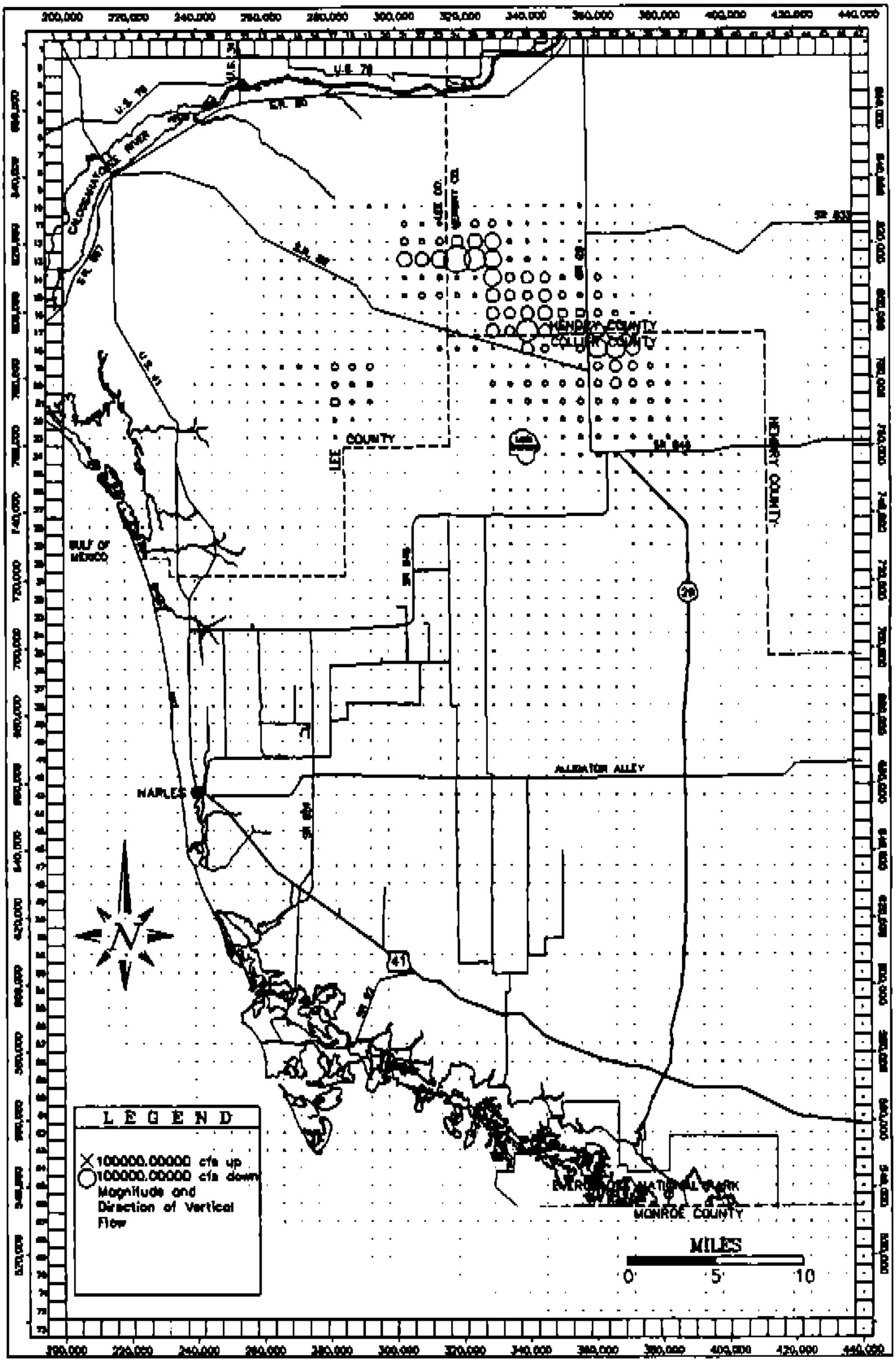
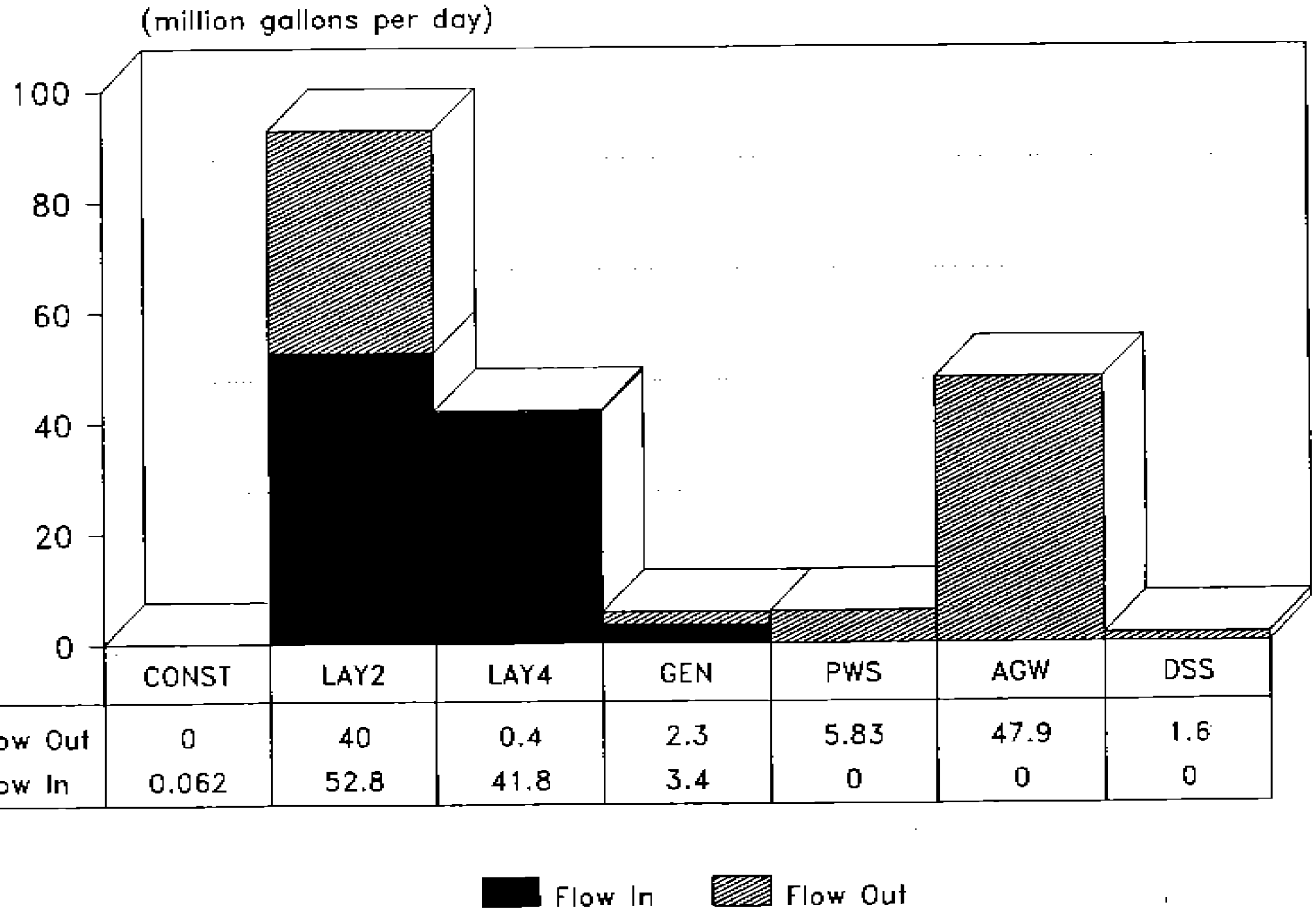


FIGURE 42. Simulated Steady State Vertical Flow Between Layer 2 (Lower Tamiami Aquifer) and Layer 3 (Sandstone Aquifer)



	CONST	LAY2	LAY4	GEN	PWS	AGW	DSS
Flow Out	0	40	0.4	2.3	5.83	47.9	1.6
Flow In	0.062	52.8	41.8	3.4	0	0	0

FIGURE 43. Volumetric Budget, Layer 3 (Sandstone Aquifer) Steady State Conditions

and mid-Hawthorn (LAY4) aquifers. The majority of the simulated flow out of this aquifer is through upward leakance to the lower Tamiami (LAY2) aquifer (40.8%) and to agricultural and landscape (AGW) pumpage (48.9%). Both public water supply (PWS) and domestic self supply (DSS) withdrawals are considerably less from the sandstone aquifer in comparison to the Surficial and lower Tamiami aquifers.

Layer 4 (Mid-Hawthorn Aquifer). Figure 44 illustrates the magnitude and direction of the simulated horizontal flow in the mid-Hawthorn aquifer. The magnitude and direction of the horizontal flow vectors within Collier County indicate no significant areas of pumpage from the mid-Hawthorn. However, an area of intense pumpage can be seen in the central Lee County. Figures 45 and 46 show the simulated leakance across the confining units into the mid-Hawthorn from the overlying sandstone and underlying lower Hawthorn aquifers.

The volumetric budget for layer 4 (mid-Hawthorn aquifer) is illustrated in Figure 47. Almost all of the recharge to the mid-Hawthorn (98%) permeates through the lower Hawthorn confining unit from the underlying lower Hawthorn (LAY5) aquifer. The remaining two percent comes from specified heads (CONST) along the model boundaries. Of the total outflows, 91 percent is a result of upward leakage to the sandstone aquifer (LAY3) and 4.8 percent through specified head (CONST) cells along the model boundary. Total simulated pumpage is 2.09 MGD which accounts for 4.5 percent of the flow out of this layer, domestic self supply (DSS) withdrawals represent the majority (88%) of this total which occurs almost exclusively in Lee County.

Total Model Volumetric Budget

Figure 48 represents the total volumetric budget for the model area. Recharge (RECH) (rainfall) accounts for 92.5 percent of the total flow into the model with the remaining 7.5 percent consisting of flow from outside the model area (7.25%) and river leakance (0.25%). Evapotranspiration (ET) is the most significant stress which removes water from the ground water flow system. It represents 50.6 percent of the total simulated outflows. Withdrawals through public water supply (PWS), domestic self supply (DSS) and agricultural and landscape (AGW) pumpage is approximately 31 percent of the total outflow with the majority being withdrawn for agricultural use. The major canal systems (CAN) in the model area are responsible for 11.35 percent of total outflow and occurs exclusively from layer 1 (Surficial aquifer). The other parameters that contribute to the total simulated outflows consist of flow through general (GEN) and specified head (CONST) cells (4.8%) and river leakance (RIV) (2.2%) to the Surficial aquifer.

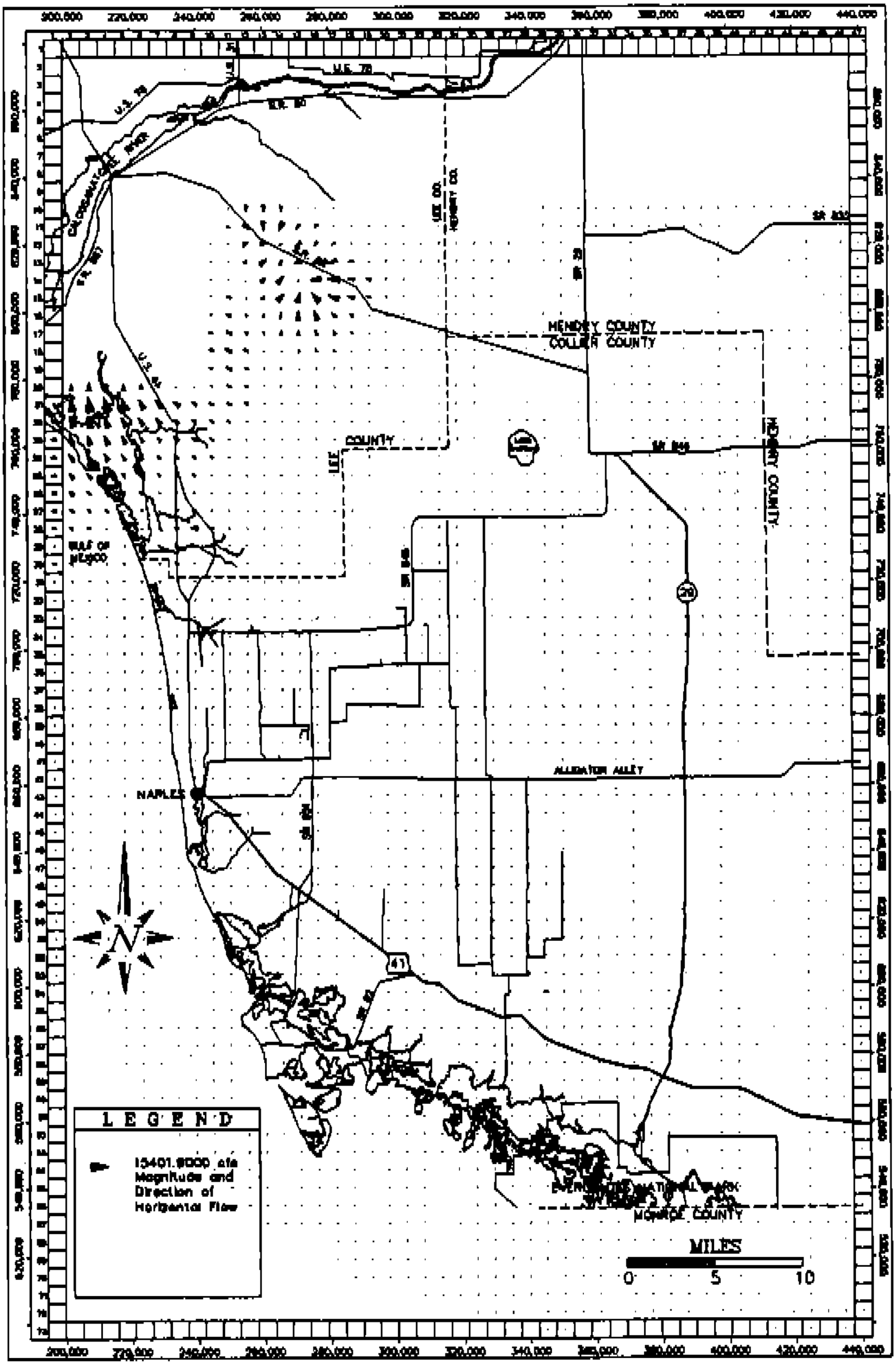


FIGURE 44. Simulated Steady State Horizontal Flow Vectors, Layer 4 (Mid-Hawthorn Aquifer)

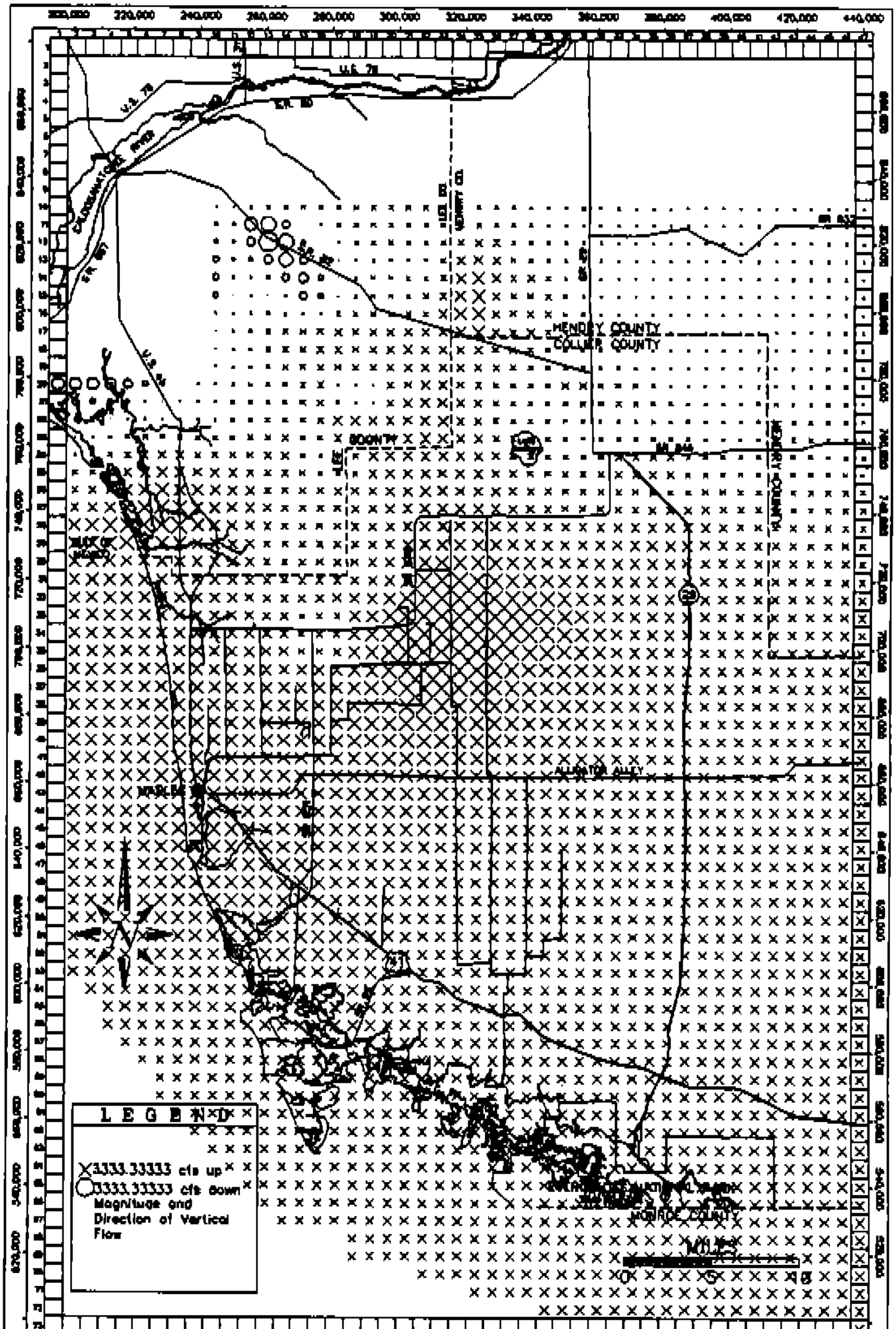


FIGURE 45.– Simulated Steady State Vertical Flow Between Layer 3 (Sandstone Aquifer) and Layer 4 (Mid-Hawthorn Aquifer)

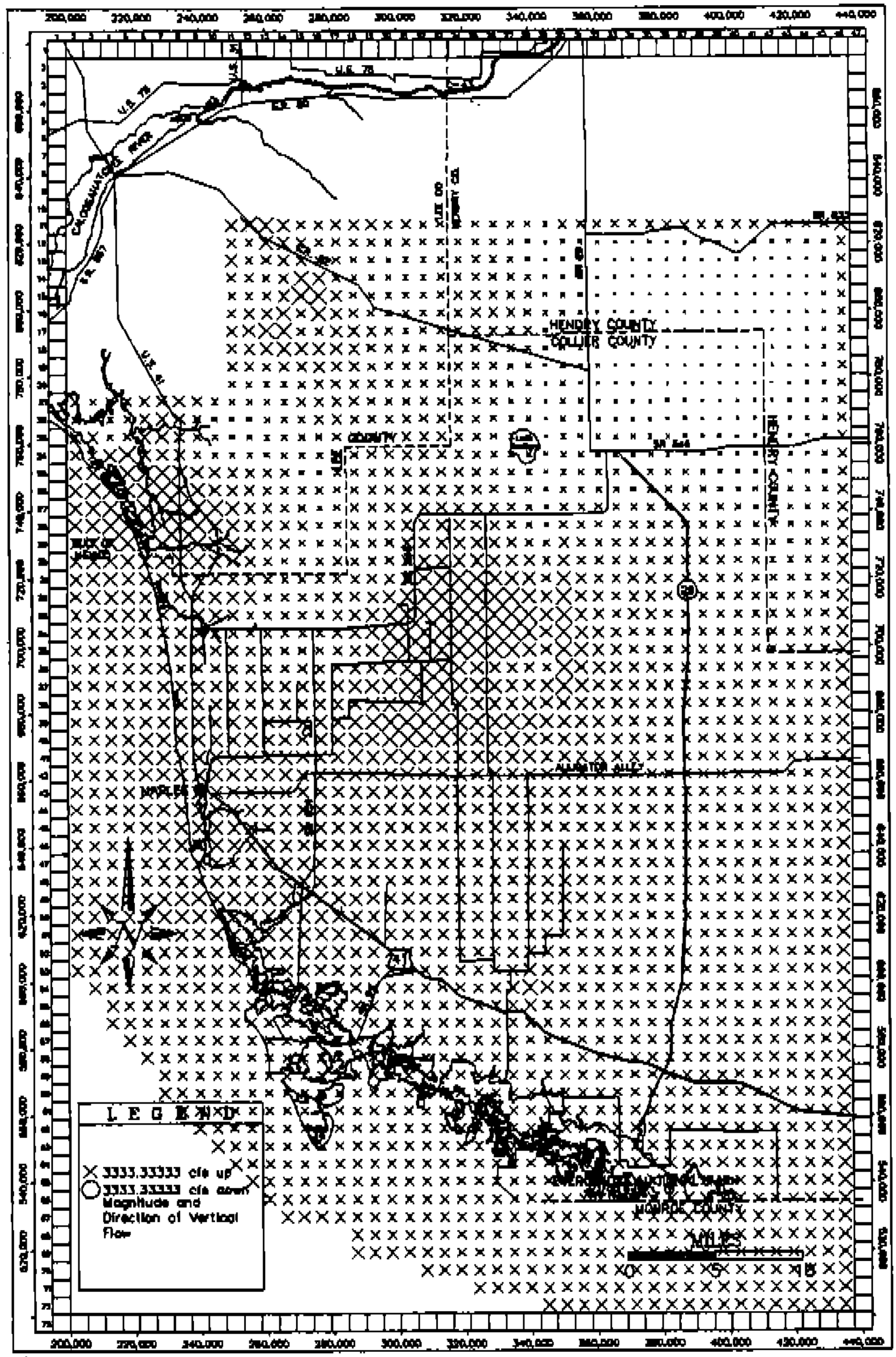
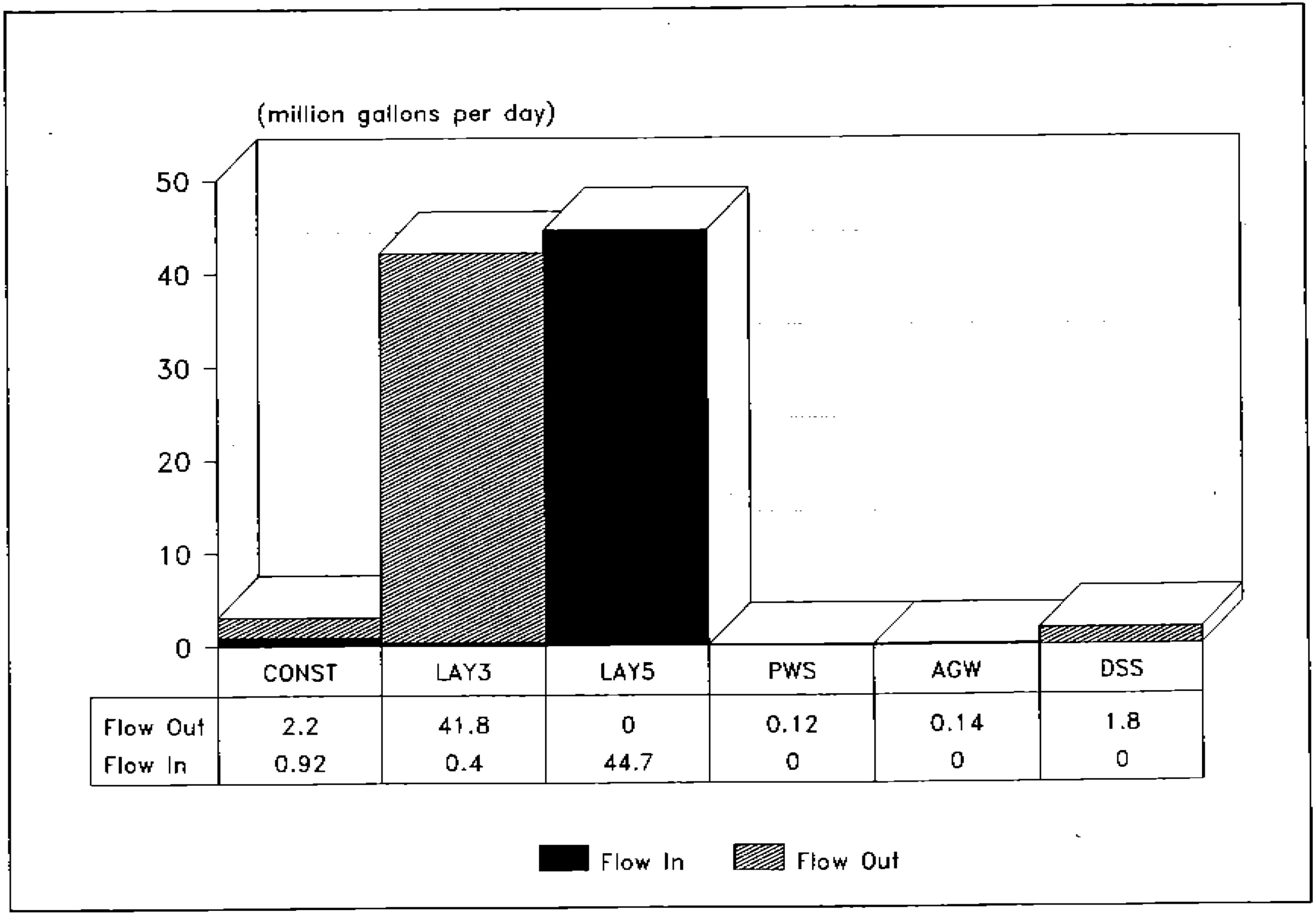
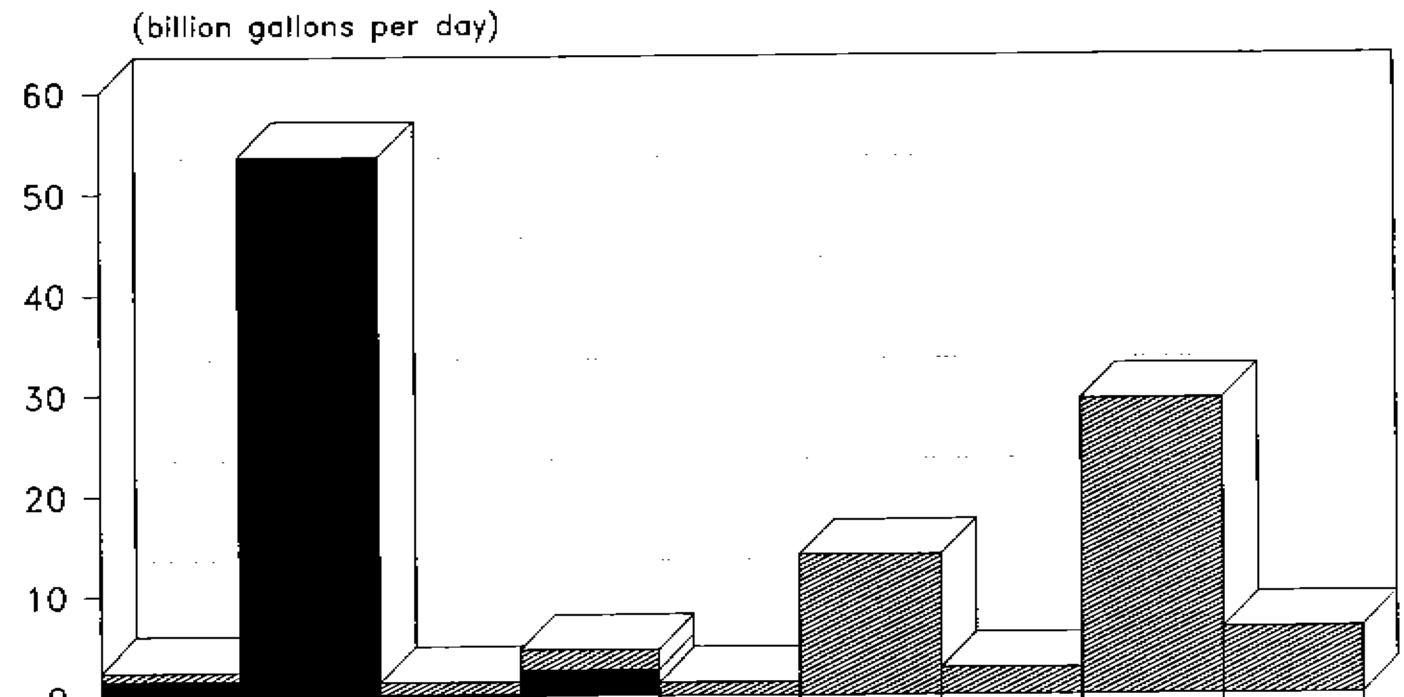


FIGURE 46. Simulated Steady State Vertical Flow Between Layer 4 (Mid-Hawthorn Aquifer) and Layer 5 (Lower Hawthorn Aquifer)



	CONST	LAY3	LAY5	PWS	AGW	DSS
Flow Out	2.2	41.8	0	0.12	0.14	1.8
Flow In	0.92	0.4	44.7	0	0	0

FIGURE 47. Volumetric Budget, Layer 4 (Mid-Hawthorn Aquifer) Steady State Conditions



	CONST	RECH	RIV	GEN	PWS	AGW	DSS	ET	CAN
Out Flow	0.847	0	1.292	1.944	1.331	13.982	2.657	29.346	6.583
In Flow	1.596	53.623	0.166	2.615	0	0	0	0	0

FIGURE 48. Volumetric Budget for Entire Model, Steady State Conditions

SENSITIVITY TESTING

Sensitivity tests were performed to ascertain the dependency of the results on the estimated aquifer parameters used in the model. The aquifer parameters were tested by altering the hydraulic conductivity and river bed conductance in layer 1 and Vcont between layers 1 and 2. The transmissivities for Layers 2, 3 and 4 and Vcont between the respective layers were also altered. These parameters were doubled then halved one at a time to test the sensitivity of the model to a specific parameter. They were also increased and decreased by an order of magnitude to test the stability and sensitivity of the model to large changes in these parameters. It was assumed testing this range of values would bracket the interval of uncertainty for each of the parameters. Head changes in each layer were examined to determine their relative sensitivity. The results of these tests are presented in Tables 2 through 6. In these tables, the changes that occurred within the layer are presented, followed by the resulting changes in the overlying, and then underlying layers.

The model was also tested for its sensitivity to change in recharge, maximum evapotranspiration rates and evapotranspiration surface. Recharge and maximum ET rates were increased and decreased by 10 percent, and ET surface was varied by ±1.5 feet. These intervals were assumed to bracket the range of uncertainty for these stresses. Head changes in each layer were once again examined to determine their relative sensitivity.

Layer 1 (Surficial Aquifer).

Simulated water levels in layer 1 were not generally sensitive to changes in aquifer parameters. Changes in hydraulic conductivity caused a small drop (-0.01 to -0.05 feet) in overall simulated head values (Table 2). However, significant changes in computed head levels occurred within areas of intense withdrawals, but these changes were confined to localized areas. Layers 2 through 4 reacted to changes in aquifer parameter in layer 1 in a similar manner. Layer 1 is, however, sensitive to changes in recharge, maximum ET rates and ET surface. Altering the ET surface by ±1.5 feet, causes overall simulated heads in layer 1 to fluctuate between -0.98 and 0.92 feet. Changes in recharge and maximum ET rates by ±10% do not produce as significant changes in overall simulated heads as compared to altering the ET surface (Table 3). Layers 2 to 4 react to changes in these stresses and ET surface in a similar manner but to a lesser degree.

Layer 2 (Lower Tamiami Aquifer).

Simulated heads in layer 2 are more sensitive to changes in aquifer parameters as compared to layer 1. Decreasing the transmissivity by half causes a maximum drop in simulated head of -8.89 feet (in a heavily pumped area), and overall, causes the heads to decrease an average of 0.21 feet. Multiplying Vcont between layers 1 and 2 by 0.5 and 2.0 causes the most significant changes in the overall simulated head distribution. As a result, simulated head values in layer 2 range on average from -0.88 to 0.52 feet (Table 4). This is expected, as downward leakage from the overlying layer (Surficial aquifer) is the major source of flow to layer 2 (lower Tamiami aquifer).

Layer 3 (Sandstone Aquifer).

Simulated heads in layer 3 are sensitive to changes in Vcont between layers 2 and 3 and layers 3 and 4. Analysis of the volumetric budget for layer 3 shows that approximately 99 percent of the total inflow is the result of leakage from layers 2 (lower Tamiami aquifer) and 4 (mid-Hawthorn aquifer). Doubling the Vcont between layers 2 and 3 results in an average increase in stimulated head of 0.60 feet while reducing it by half causes heads to decrease an average of -0.47 feet (Table 5).

Layer 3 is slightly more sensitive to changes in transmissivity than layer 2 because of its overall lower transmissivity. Doubling this parameter resulted in a maximum increase in simulated head of 9.08 feet. Decreasing transmissivity by half resulted in a maximum decline in simulated head of 14.17 feet. Once again, the largest changes in simulated heads occurred in areas of intense ground water withdrawals.

Layer 4 (Mid Hawthorn Aquifer).

Overall, simulated heads in layer 4 are sensitive to changes in Vcont, representing the lower Hawthorn confining unit and only slightly sensitive to changes in transmissivity. Transmissivity values for this aquifer are relatively uniform based on existing hydraulic data except for specific areas. Doubling transmissivity resulted in a maximum rise in head of 16.31 feet while cutting transmissivity by half caused a decrease of 20.95 feet. These changes in transmissivity within the model area also cause

TABLE 2. SENSITIVITY RESPONSES TO CHANGES IN LAYER 1
(Head Changes in Feet)

	MAXIMUM HEAD	MINIMUM HEAD	AVERAGE HEAD CHANGE	STD. DEV.
Change in Layer 1				
Conductivity Doubled	3.16	-3.03	-0.05	0.47
Conductivity Halved	2.26	-5.81	-0.01	0.50
Conductivity *10	5.96	-11.56	-0.59	1.76
*Conductivity *0.1	--	--	--	--
Vcont Doubled (Layer 1-2)	0.33	-1.44	-0.03	0.12
Vcont Halved (Layer 1-2)	2.24	-0.45	+0.03	0.14
Vcont *10 (Layer 1-2)	0.09	-3.37	-0.07	0.29
Vcont *0.1 (Layer 1-2)	7.16	-2.36	-0.09	0.47
Canal Cond. Doubled	0.00	-1.54	-0.15	0.21
Canal Cond. Halved	1.90	0.00	+0.15	0.22
Change in Underlying Layer 2				
Conductivity Doubled	1.58	-1.67	-0.04	0.29
Conductivity Halved	0.89	-2.18	-0.01	0.25
Conductivity *10	4.92	-7.38	-0.53	1.44
*Conductivity *0.1	--	--	--	--
Vcont Doubled (Layer 1-2)	4.28	-0.36	+0.52	0.75
Vcont Halved (Layer 1-2)	0.32	-6.20	-0.88	1.19
Vcont *10 (Layer 1-2)	9.29	-0.99	+1.04	1.60
Vcont *0.1 (Layer 1-2)	0.69	-31.91	-7.98	7.41
Canal Cond. Doubled	0.00	-0.96	-0.14	0.16
Canal Cond. Halved	1.01	0.00	+0.15	0.18
Change in Underlying Layer 3				
Conductivity Doubled	1.09	-1.21	-0.03	0.20
Conductivity Halved	0.54	-1.13	-0.01	0.16
Conductivity *10	2.73	-6.26	-0.43	1.09
*Conductivity *0.1	--	--	--	--
Vcont Doubled (Layer 1-2)	2.84	-0.30	+0.44	0.65
Vcont Halved (Layer 1-2)	0.29	-4.28	-0.75	1.06
Vcont *10 (Layer 1-2)	6.11	-0.85	+0.87	1.34
Vcont *0.1 (Layer 1-2)	0.67	-27.59	-6.88	6.67
Canal Cond. Doubled	0.00	-0.64	-0.11	0.14
Canal Cond. Halved	0.79	0.00	+0.12	0.15
Change in Underlying Layer 4				
Conductivity Doubled	0.20	-0.49	-0.02	0.08
Conductivity Halved	0.21	-0.31	0.00	0.06
Conductivity *10	0.38	-2.74	-0.22	0.49
*Conductivity *0.1	--	--	--	--
Vcont Doubled (Layer 1-2)	1.20	-0.02	+0.20	0.30
Vcont Halved (Layer 1-2)	0.02	-2.04	-0.34	0.50
Vcont *10 (Layer 1-2)	2.60	-0.05	+0.39	0.60
Vcont *0.1 (Layer 1-2)	0.07	-13.20	-2.96	3.17
Canal Cond. Doubled	0.00	-0.15	-0.04	0.04
Canal Cond. Halved	0.17	0.00	+0.04	0.04

*Failed to converge

TABLE 3. SENSITIVITY RESPONSES TO CHANGES IN STRESSES
(Head Changes in Feet)

	MAXIMUM HEAD	MINIMUM HEAD	AVERAGE HEAD CHANGE	STD. DEV.
<u>Change in Layer 1</u>				
Recharge at 110%	1.37	0.00	+0.30	0.25
Recharge at 90%	0.00	-1.77	-0.33	0.30
Max ET Rate at 110%	0.00	-0.75	-0.11	0.09
Max ET Rate at 90%	0.88	0.00	+0.14	0.12
ET Surface + 1.5 feet	1.53	0.00	+0.92	0.46
ET Surface -1.5 feet	0.00	-1.53	-0.98	0.44
<u>Change in Underlying Layer 2</u>				
Recharge at 110%	1.04	0.00	0.26	0.21
Recharge at 90%	0.00	-1.20	-0.29	0.25
Max ET Rate at 110%	0.00	-0.53	-0.10	0.08
Max ET Rate at 90%	0.64	0.00	0.12	0.10
ET Surface + 1.5 feet	1.49	0.00	+0.78	0.46
ET Surface -1.5 feet	0.00	-1.49	-0.84	0.46
<u>Change in Underlying Layer 3</u>				
Recharge at 110%	0.76	0.00	0.21	0.20
Recharge at 90%	0.00	-1.10	-0.23	0.23
Max ET Rate at 110%	0.00	-0.34	-0.08	0.07
Max ET Rate at 90%	0.40	0.00	0.09	0.08
ET Surface + 1.5 feet	1.46	0.00	+0.61	0.46
ET Surface -1.5 feet	0.00	-1.45	-0.66	0.48
<u>Change in Underlying Layer 4</u>				
Recharge at 110%	0.38	0.00	0.08	0.10
Recharge at 90%	0.00	-0.44	-0.09	0.10
Max ET Rate at 110%	0.00	-0.14	-0.03	0.03
Max ET Rate at 90%	0.16	0.00	0.03	0.04
ET Ext. Surface + 1.5 feet	0.80	0.00	+0.22	0.21
ET Ext. Surface -1.5 feet	0.00	-0.80	-0.23	0.21

TABLE 4. SENSITIVITY RESPONSES TO CHANGES IN LAYER 2 (Head Changes in Feet)

	MAXIMUM HEAD	MINIMUM HEAD	AVERAGE HEAD CHANGE	STD. DEV.
Change in Layer 2				
Transmissivity Doubled	5.76	-1.15	+0.16	0.66
Transmissivity Halved	1.04	-8.98	-0.21	0.81
Transmissivity *10	11.95	-4.50	+0.27	1.74
Transmissivity *0.1	2.92	-45.37	-0.78	3.44
Vcont Doubled (Layer 2-3)	1.10	-1.00	+0.02	0.08
Vcont Halved (Layer 2-3)	0.98	-0.79	-0.02	0.09
Vcont *10 (Layer 2-3)	3.32	-2.80	+0.04	0.22
Vcont *0.1 (Layer 2-3)	3.26	-1.43	-0.05	0.33
Change in Overlying Layer 1				
Transmissivity Doubled	1.47	-0.48	+0.03	0.18
Transmissivity Halved	0.34	-2.03	-0.03	0.18
Transmissivity *10	3.68	-2.35	+0.03	0.51
Transmissivity *0.1	0.89	-5.76	-0.10	0.50
Vcont Doubled (Layer 2-3)	0.19	-0.32	0.00	0.02
Vcont Halved (Layer 2-3)	0.49	-0.12	0.00	0.01
Vcont *10 (Layer 2-3)	0.59	-0.83	0.00	0.06
Vcont *0.1 (Layer 2-3)	2.16	-0.35	0.01	0.13
Change in Underlying Layer 3				
Transmissivity Doubled	3.00	-0.78	+0.14	0.43
Transmissivity Halved	0.84	-4.51	-0.17	0.50
Transmissivity *10	6.39	-3.27	+0.24	1.19
Transmissivity *0.1	2.18	-21.32	-0.62	1.91
Vcont Doubled (Layer 2-3)	9.01	-2.75	+0.08	1.42
Vcont Halved (Layer 2-3)	3.32	-12.81	-0.09	2.62
Vcont *10 (Layer 2-3)	20.59	-8.11	+0.20	3.11
Vcont *0.1 (Layer 2-3)	13.32	-55.50	-0.29	13.22
Change in Underlying Layer 4				
Transmissivity Doubled	0.86	-0.19	+0.05	0.15
Transmissivity Halved	0.14	-0.93	-0.07	0.15
Transmissivity *10	2.05	-1.20	+0.08	0.41
Transmissivity *0.1	0.31	-2.93	-0.23	0.47
Vcont Doubled (Layer 2-3)	2.68	-0.71	+0.13	0.55
Vcont Halved (Layer 2-3)	0.76	-4.09	-0.20	1.07
Vcont *10 (Layer 2-3)	5.88	-2.01	+0.27	1.17
Vcont *0.1 (Layer 2-3)	2.76	-20.90	-1.20	2.76

TABLE 5. SENSITIVITY RESPONSES TO CHANGES IN LAYER 3
(Head Changes in Feet)

	MAXIMUM HEAD	MINIMUM HEAD	AVERAGE HEAD CHANGE	STD. DEV.
Change in Layer 3				
Transmissivity Doubled	9.08	-1.67	+0.09	0.63
Transmissivity Halved	2.14	-14.17	-0.09	0.87
Transmissivity *10	19.15	-4.92	0.33	1.68
Transmissivity *0.1	7.35	-81.09	-1.51	4.46
Vcont Doubled (Layer 3-4)	3.42	-0.36	0.60	0.50
Vcont Halved (Layer 3-4)	0.21	-2.83	-0.47	0.42
Vcont *10 (Layer 3-4)	9.66	-2.09	2.00	1.69
Vcont *0.1 (Layer 3-4)	-0.40	-6.36	-1.03	0.94
Change in Overlying Layer 1				
Transmissivity Doubled	0.36	-0.15	0.00	0.03
Transmissivity Halved	0.17	-0.32	0.00	0.03
Transmissivity *10	1.14	-0.57	0.02	0.12
Transmissivity *0.1	0.51	-0.89	-0.02	0.07
Vcont Doubled (Layer 3-4)	0.22	0.00	0.03	0.04
Vcont Halved (Layer 3-4)	0.00	-0.17	-0.02	0.03
Vcont *10 (Layer 3-4)	0.67	0.00	0.00	0.10
Vcont *0.1 (Layer 3-4)				
Change in Overlying Layer 2				
Transmissivity Doubled	0.75	-0.29	0.02	0.10
Transmissivity Halved	0.50	-1.03	-0.01	0.08
Transmissivity *10	1.95	-1.21	0.10	0.38
Transmissivity *0.1	1.89	-3.80	-0.09	0.21
Vcont Doubled (Layer 3-4)	0.56	0.00	0.08	0.09
Vcont Halved (Layer 3-4)	0.00	-0.47	-0.07	0.08
Vcont *10 (Layer 3-4)	1.68	-0.01	0.00	0.28
Vcont *0.1 (Layer 3-4)	0.00	-1.03	-0.15	0.18
Change in Underlying Layer 4				
Transmissivity Doubled	1.10	-0.29	0.03	0.14
Transmissivity Halved	0.27	-1.60	-0.04	0.16
Transmissivity *10	2.56	-1.33	0.12	0.48
Transmissivity *0.1	0.73	-8.09	-0.30	0.70
Vcont Doubled (Layer 3-4)	5.12	-7.12	-4.20	1.51
Vcont Halved (Layer 3-4)	7.31	-3.44	3.43	1.55
Vcont *10 (Layer 3-4)	20.01	-21.30	-13.39	4.77
Vcont *0.1 (Layer 3-4)	18.56	-6.79	+7.66	4.09

average simulated heads to fluctuate between -0.12 and 0.09 feet.

Simulated heads are most sensitive to change in Vcont between layers 4 and 5. Multiplying the Vcont term by 0.5 and 2 did not cause as large maximum or minimum changes in simulated head as occurred while altering the transmissivity. However, the average simulated heads for the model area fluctuated between -4.70 and 4.14 feet in comparison to -0.12 and 0.09 feet (Table 6). These changes are expected due to the large inflow (97%) to layer 4 from upward leakage from the underlying lower Hawthorn aquifer (Layer 5).

TABLE 6. SENSITIVITY RESPONSES TO CHANGES IN LAYER 4
(Head Changes in Feet)

	MAXIMUM HEAD	MINIMUM HEAD	AVERAGE HEAD CHANGE	STD. DEV.
Change in Layer 4				
Transmissivity Doubled	16.31	-2.42	-0.12	0.93
Transmissivity Halved	3.06	-20.95	+ 0.09	1.08
Transmissivity *10	35.23	-6.89	-1.35	2.41
Transmissivity *0.1	9.56	-71.94	0.23	3.68
Vcont Doubled (Layer 4-5)	10.54	0.00	4.14	1.51
Vcont Halved (Layer 4-5)	0.00	-8.40	-4.70	1.40
Vcont *10 (Layer 4-5)	38.21	0.00	+ 10.09	4.68
Vcont *0.1 (Layer 4-5)	0.00	-20.64	-14.09	4.78
Change in Overlying Layer 1				
Transmissivity Doubled	0.00	0.00	0.00	0.00
Transmissivity Halved	0.00	0.00	0.00	0.00
Transmissivity *10	0.02	-0.02	0.00	0.00
Transmissivity *0.1	0.01	-0.01	0.00	0.00
Vcont Doubled (Layer 4-5)	0.11	0.00	0.01	0.01
Vcont Halved (Layer 4-5)	0.00	-0.12	-0.01	0.02
Vcont *10 (Layer 4-5)	0.25	0.00	0.03	0.04
Vcont *0.1 (Layer 4-5)				
Change in Overlying Layer 2				
Transmissivity Doubled	0.01	-0.04	0.00	0.01
Transmissivity Halved	0.03	-0.01	0.00	0.00
Transmissivity *10	0.05	-0.20	-0.01	0.03
Transmissivity *0.1	0.05	-0.02	0.00	0.01
Vcont Doubled (Layer 4-5)	0.23	0.00	0.04	0.05
Vcont Halved (Layer 4-5)	0.00	-0.26	-0.04	0.05
Vcont *10 (Layer 4-5)	0.58	0.00	0.09	0.12
Vcont *0.1 (Layer 4-5)	0.00	-0.81	-0.13	0.15
Change in Overlying Layer 3				
Transmissivity Doubled	0.31	-0.54	-0.01	0.07
Transmissivity Halved	0.54	-0.34	-0.01	0.06
Transmissivity *10	0.70	-1.62	-0.07	0.25
Transmissivity *0.1	1.56	-0.94	0.03	0.61
Vcont Doubled (Layer 4-5)	1.63	0.00	0.24	0.25
Vcont Halved (Layer 4-5)	0.00	-1.70	-0.27	0.27
Vcont *10 (Layer 4-5)	4.46	0.00	0.58	0.64
Vcont *0.1 (Layer 4-5)	1.56	-4.82	-0.77	0.77

RESULTS AND CONCLUSIONS

1. The most important source of recharge to the Surficial Aquifer System in Collier County is rainfall. Under average conditions for the 35 month period from February 1986 through December 1988, rainfall accounted for approximately 92 percent of the total recharge to the study area. The remaining eight percent came from ground water flow into the model from adjacent areas in Hendry and Lee counties.

2. The majority of the outflow from the model area was through evapotranspiration which accounted for approximately 51 percent of the total. The remaining outflow consists of well withdrawals (31%), canal drainage (11%), ground water flow out of the model area primarily to the Gulf of Mexico (5%) and river leakance (2%).

3. During model runs, the Surficial aquifer developed only a limited number of cones of depression of significant extent. These simulations are consistent with ground water level maps composed from observed water level data. In the highly developed agricultural areas of central Collier County, the ground water levels in the Surficial aquifer are being held within certain ranges by supplemental withdrawals from the underlying aquifers and distributed by various irrigation practices. This practice reduces ground water level fluctuations in the Surficial aquifer (Layer 1).

4. The model indicates a large cone of depression within Layer 2 (lower Tamiami aquifer) in central Collier County. This cone of depression develops during average conditions as result of simulated agricultural pumpage which extends over a 15 square mile area. However, during individual months with intense agricultural demands, the cone of depression may double in area.

5. The model suggests that the sandstone aquifer is heavily impacted by current pumpage in several localized areas. Ground water withdrawals through pumpage accounts for approximate 12 percent of the flow out of this aquifer. These withdrawals occur primarily along the Lee-Hendry County border as result of intense agricultural irrigation.

5. Model simulation of ground water flow indicates a slight curvature in ground water contours for the mid-Hawthorn aquifer in central Collier County. This occurrence is consistent with observed ground water levels and represent an area of depressed ground water levels. This may be the result of upward leakance through the mid-Hawthorn confining unit due to large withdrawals in the overlying aquifers. A small cone of depression develops during model simulation in central Lee County. This feature may be the result of overestimation of simulated domestic self supply withdrawals.

6. The horizontal discretization and regional nature of the model limits its use in accurately assessing small scale impacts. As a result, impacts on adjacent users and wetlands from nearby withdrawals may be obscured by cell wide averaging. Smaller scale models for specific areas using the regional model for boundary conditions and aquifer parameters would better define the impacts on adjacent users and environmentally sensitive areas (i.e. wetlands).

7. The model was difficult to calibrate under steady state and transient conditions in several areas. Probable reasons are cell wide averaging or uncertainty in aquifer parameters or stress rates.

RECOMMENDATIONS

1. Additional hydrogeologic investigations should be undertaken in those areas where existing data is incomplete or suspect. For the Surficial and lower Tamiami aquifers, these areas include the northwest portion of Hendry County and the Faka Union drainage basin of Collier County. The extent of the sandstone aquifer needs to be better defined in the areas south of Alligator Alley in central and southern Collier County. Hydrogeologic information concerning the mid-Hawthorn and lower Hawthorn aquifers is needed throughout Collier County. The additional hydrogeologic information will help to increase the overall accuracy and confidence level of the model which would result in a better assessment of the water supply potential of the various aquifers.

2. Additional ground water monitor wells should be installed, particularly in the eastern portion of Collier County for the Surficial, lower Tamiami and sandstone aquifers. Monitor wells for the mid-Hawthorn and lower Hawthorn aquifers should be installed throughout the county. Once constructed, these wells should be incorporated into the U. S. Geological Survey ground water monitor network for long term data collection. This will provide additional data for calibration of the updated models.

3. The location and operation of the network of small agricultural canals in the study area should be investigated to determine their effects on the ground water flow system. Also, once model regridding capabilities are established, the model cell size should be reduced to better simulate the affects of these small scale drainage canals. This would improve the calibration of the Surficial and underlying aquifers.

4. Domestic self supply is very widespread and accounts for a significant volume of water withdrawn from the system, but accurate ground water withdrawals from these users are not well known. Therefore, estimates of domestic water use need to be refined and made as accurate as possible to enhance the accuracy and reliability of the model. A large percentage of water is also withdrawn from the Surficial Aquifer System for agricultural and landscape irrigation within the study area. Compliance with water use permit limiting conditions requiring the reporting of irrigation water use should be stressed.

5. The model should be refined and updated as additional information becomes available and emphasis should be placed on obtaining information on parameters to which the model is most sensitive. The updated information would improve the confidence and reliability of the model. The model should also be used to provide boundary conditions for individual models when more detailed scale is needed to address a site specific planning or regulatory question.

6. The data from the existing models of Lee and Hendry counties should be integrated with that of western Collier County. This would result in a regional three-dimensional ground water flow model of the Surficial and Intermediate Aquifer Systems for the Lower West Coast. A regional ground water flow model would help to eliminate the effect of the approximated boundary conditions from the separate models within the region.

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APPENDIX A

AQUIFER PARAMETERS

LIST OF FIGURES - APPENDIX A

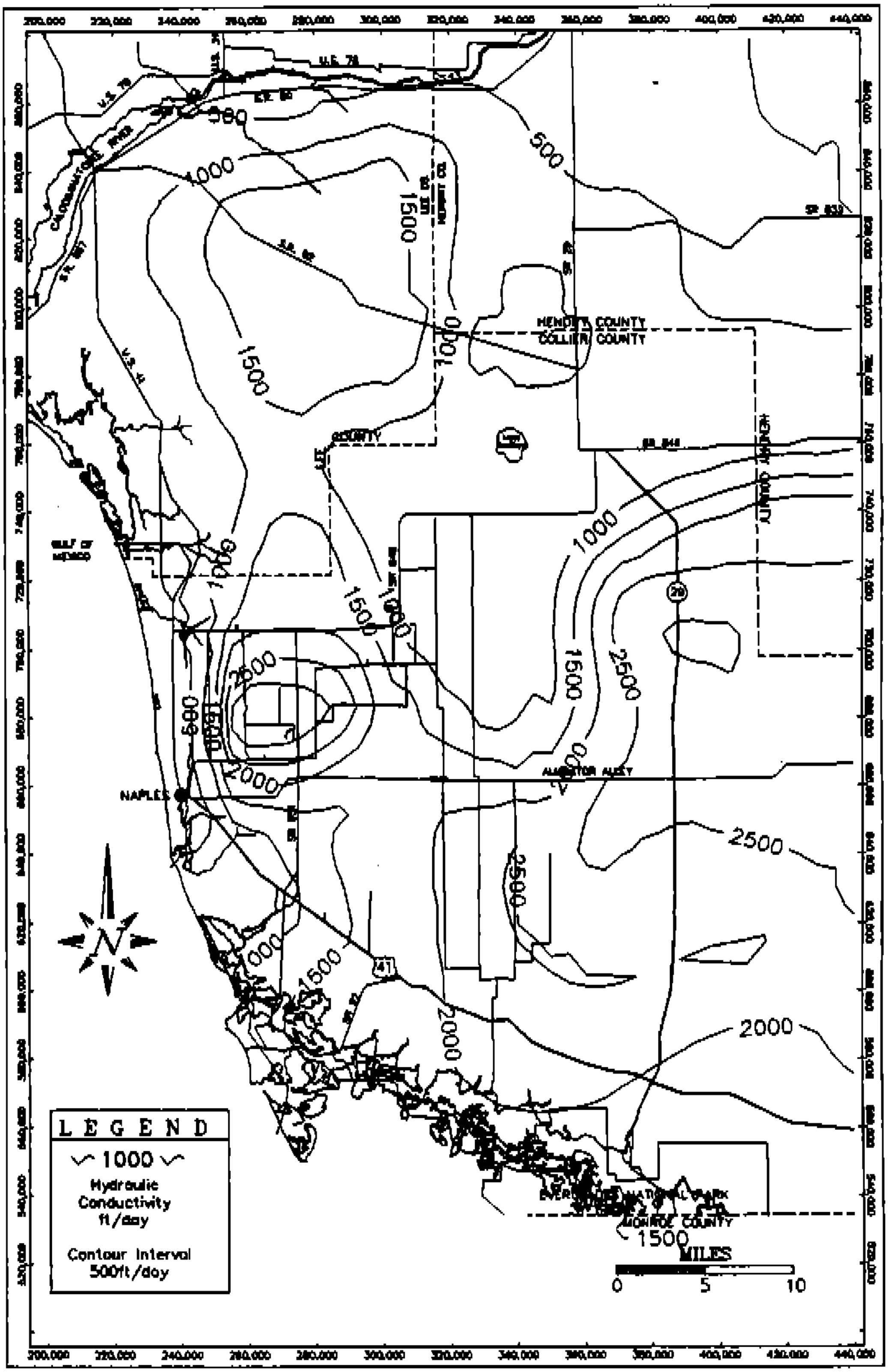


FIGURE A-1. Hydraulic Conductivity, Layer 1 (Surficial Aquifer)

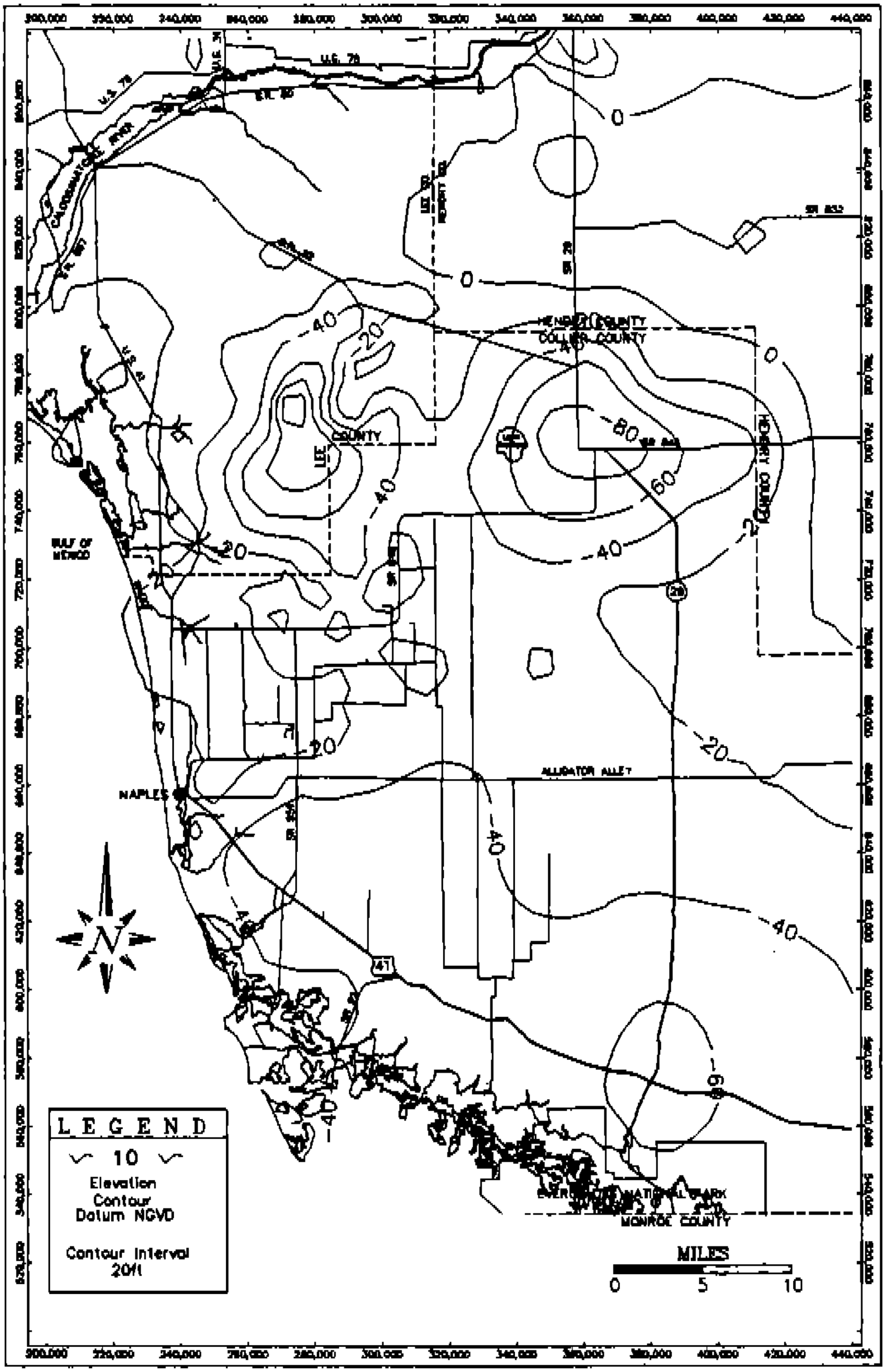


FIGURE A-2. Bottom Elevation of Layer 1 (Surficial Aquifer)

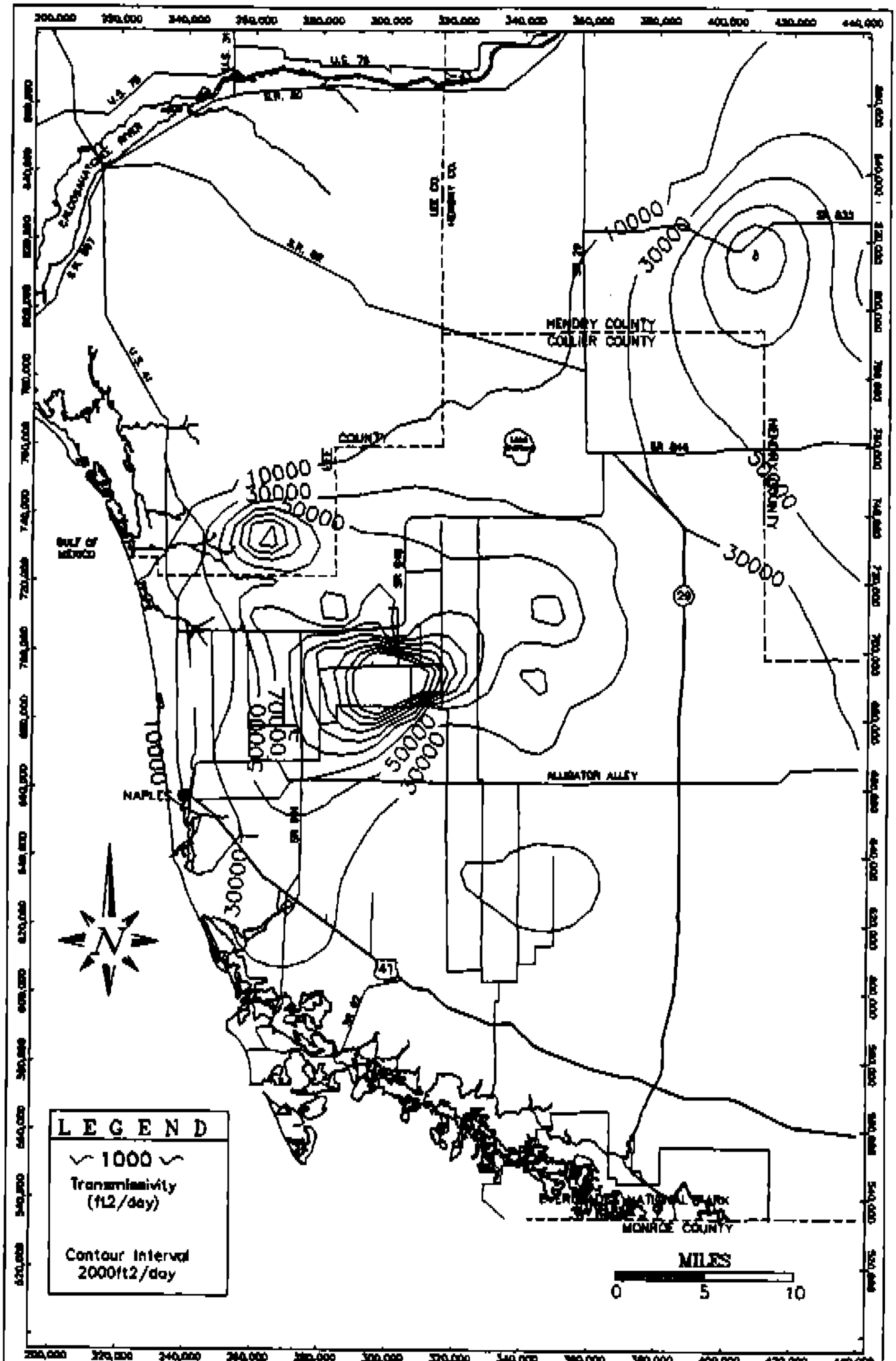


FIGURE A-4. Transmissivity, Layer 2 (Lower Tamiami Aquifer)

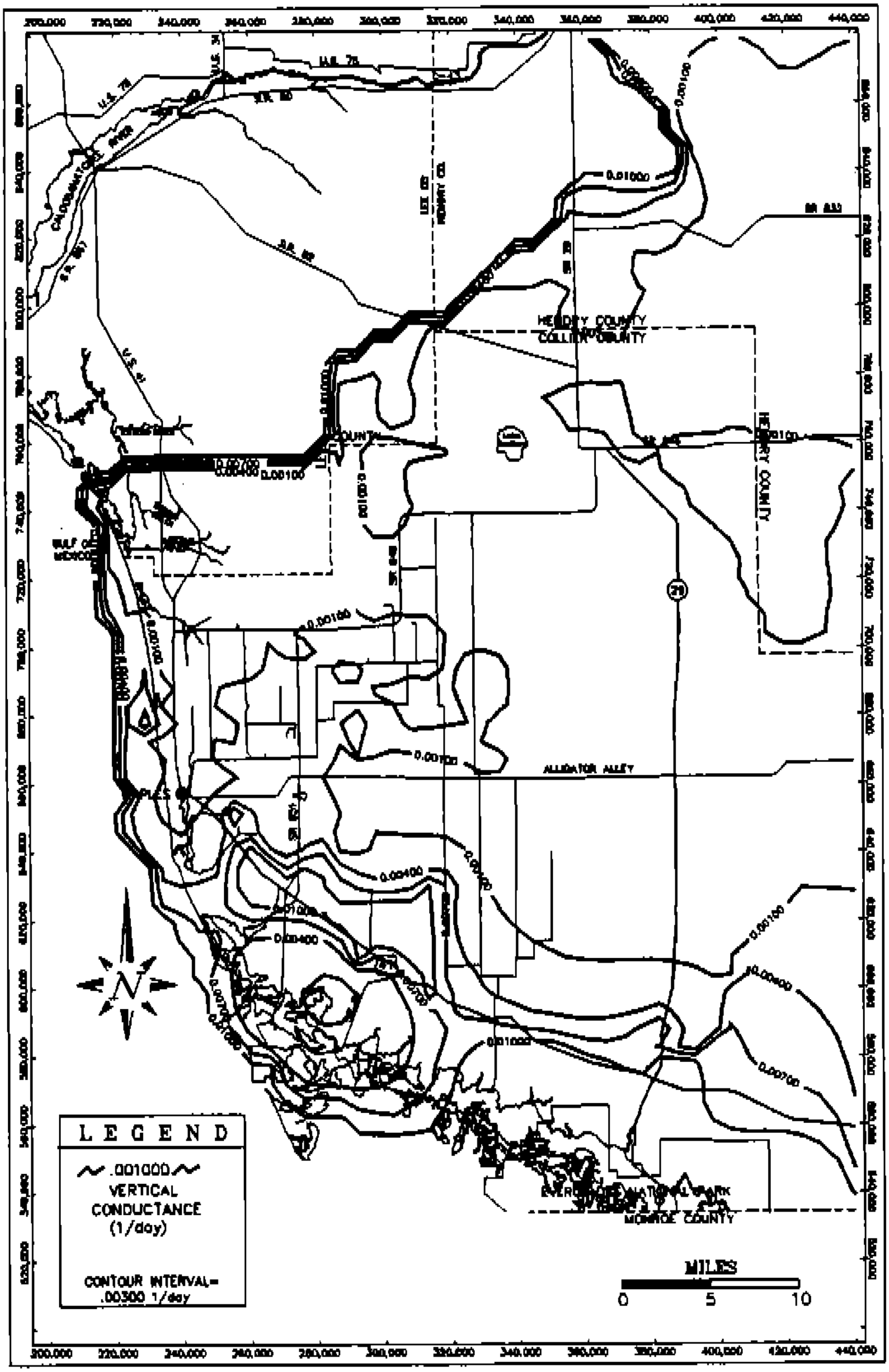


FIGURE A-3. Vertical Conductance, Bottom of Layer 1

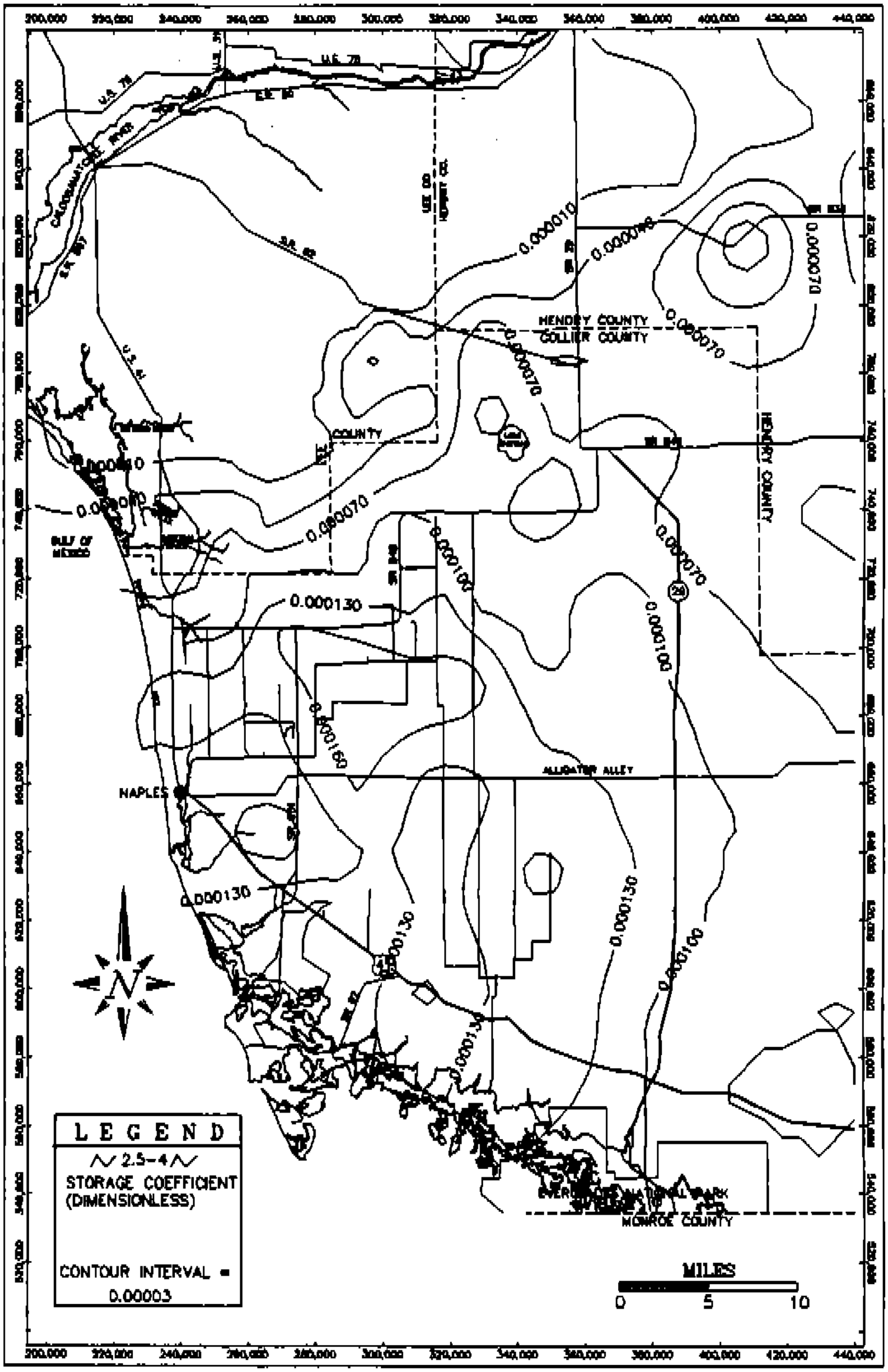


FIGURE A-5. Storage Coefficient, Layer 2 (Lower Tamiami Aquifer)

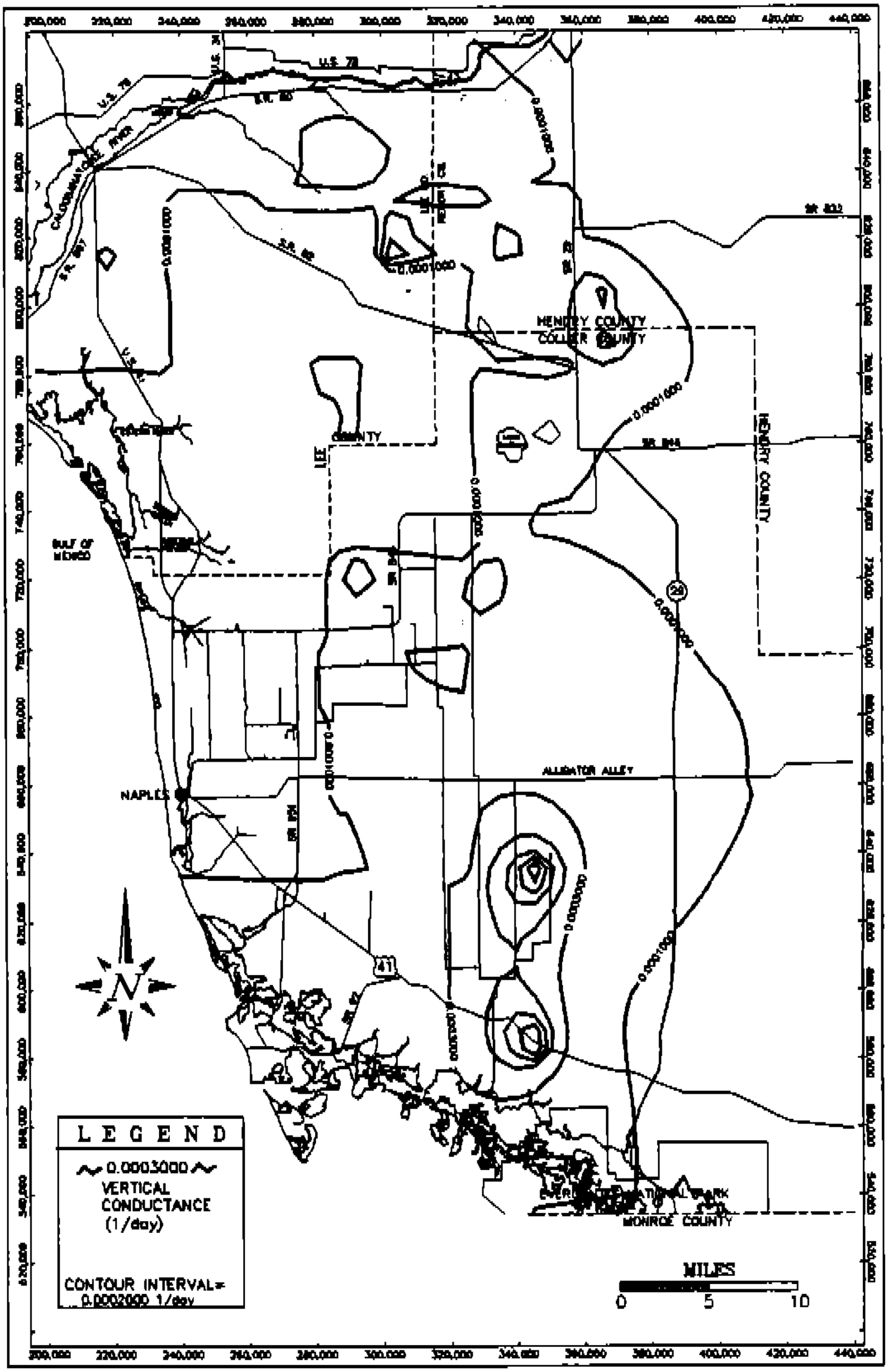


FIGURE A-6. Vertical Conductance, Bottom of Layer 2

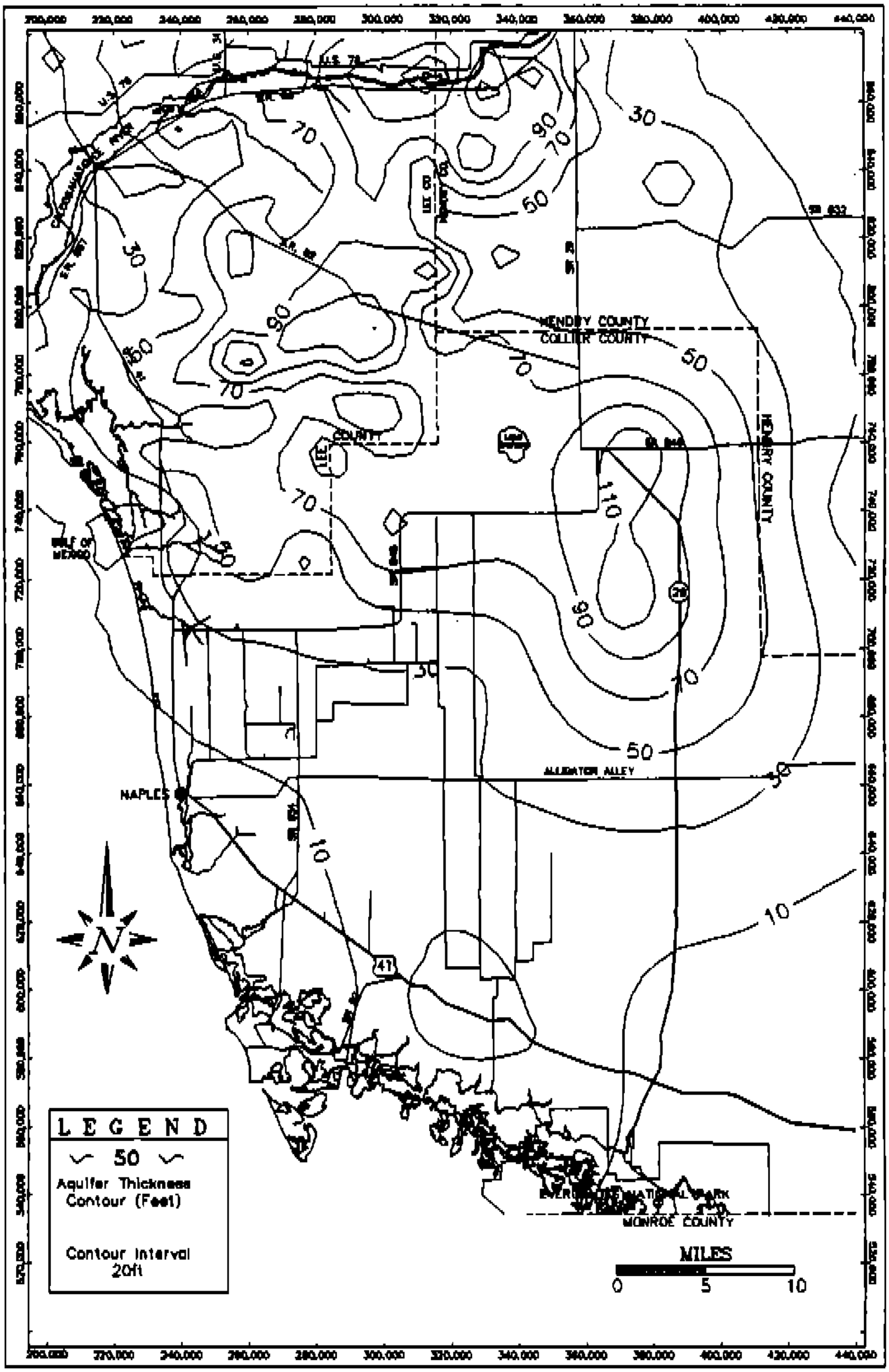


FIGURE A-7. Thickness of Layer 3 (Sandstone Aquifer)

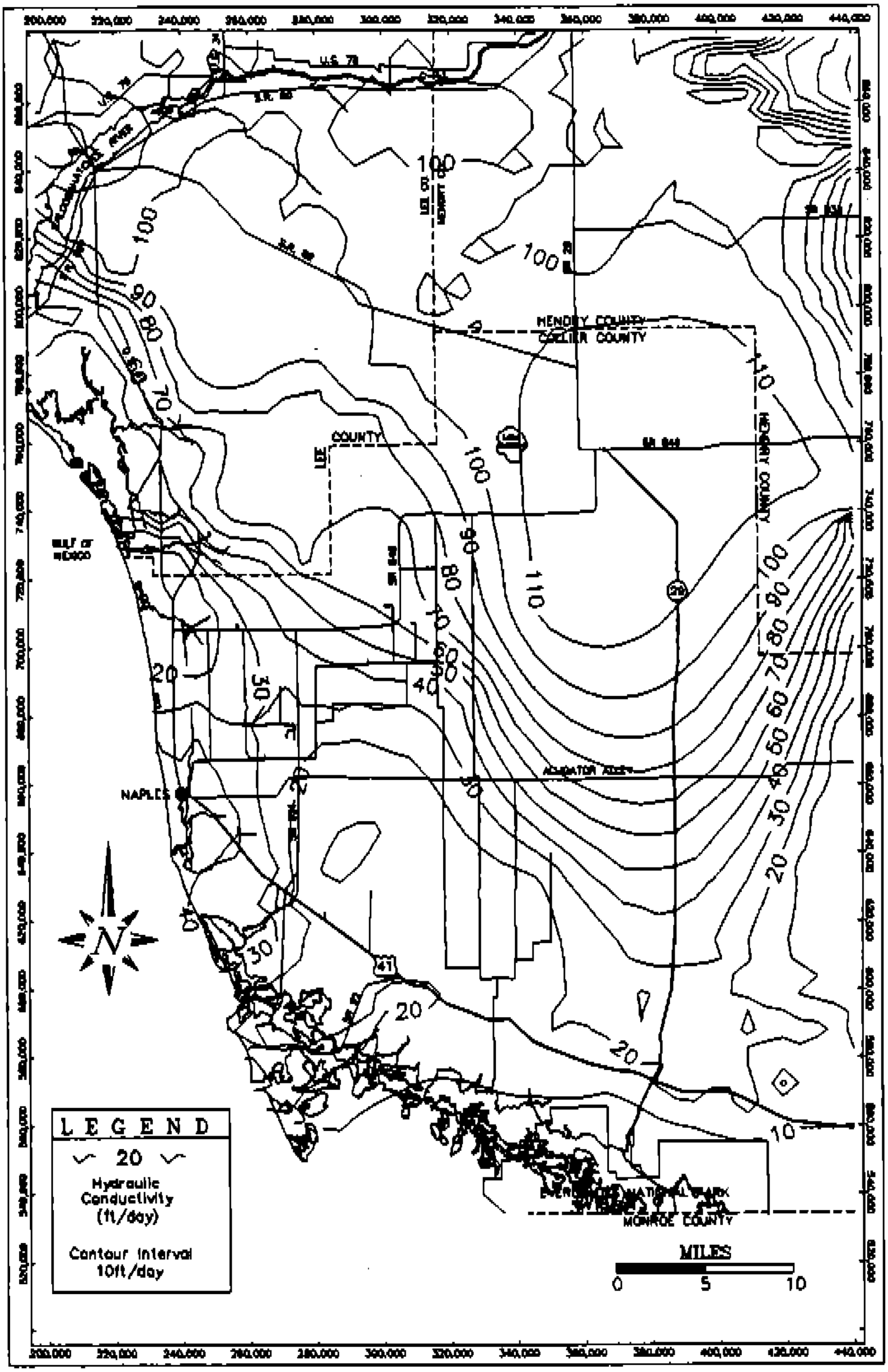


FIGURE A-8. Hydraulic Conductivity, Layer 3 (Sandstone Aquifer)

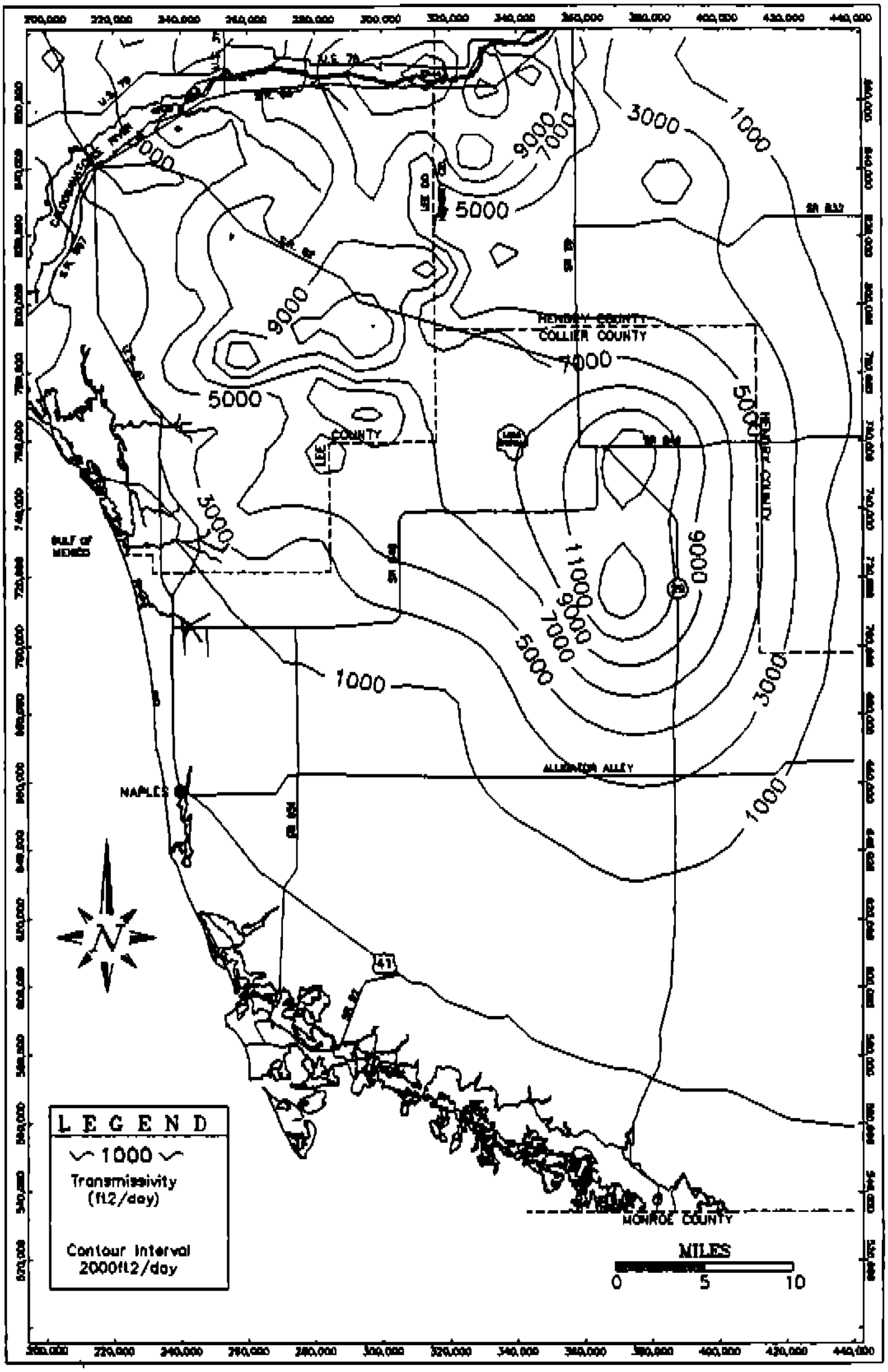


FIGURE A-9. Transmissivity, Layer 3 (Sandstone Aquifer)

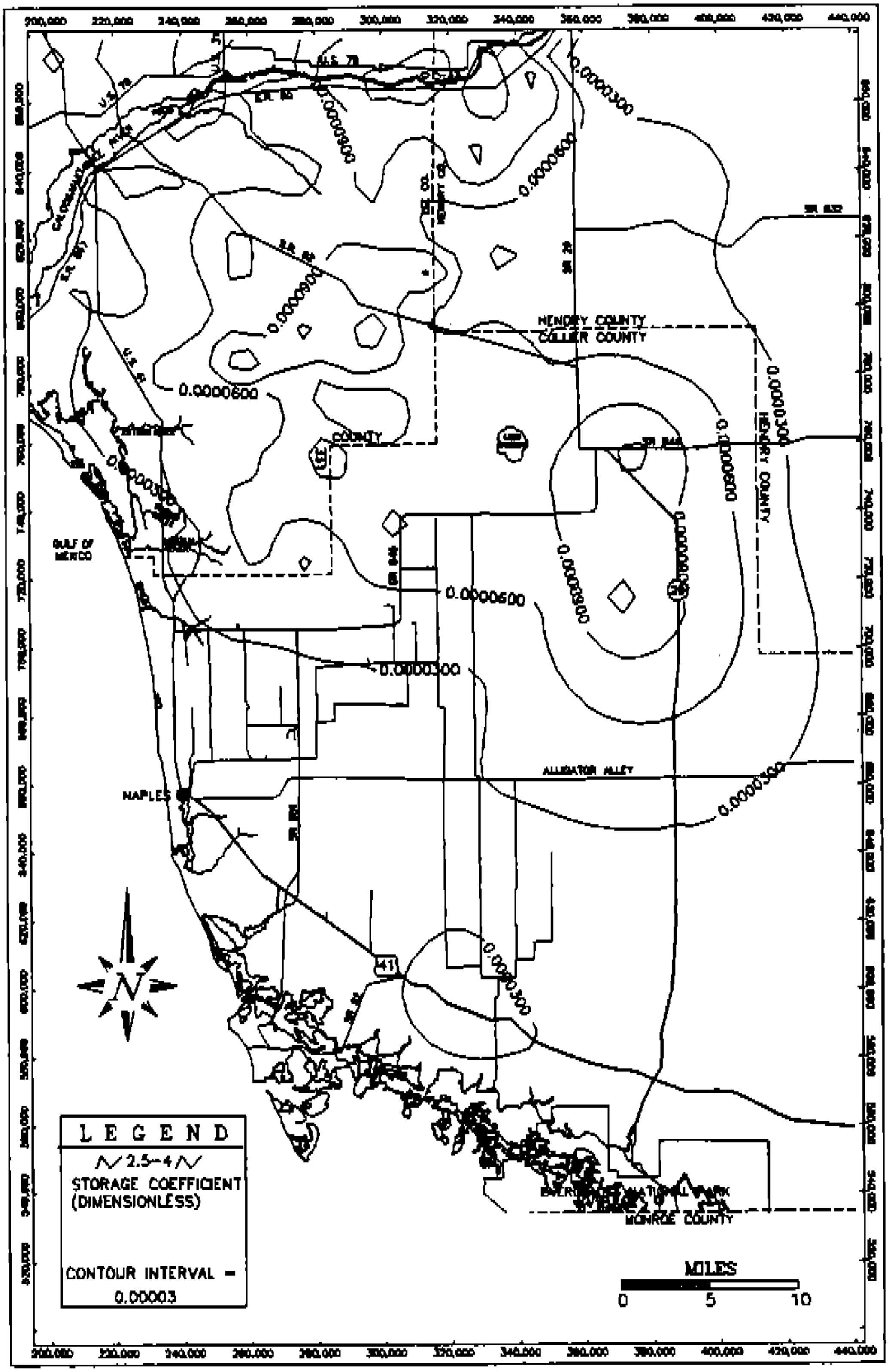


FIGURE A-10. Storage Coefficient, Layer 3 (Sandstone Aquifer)

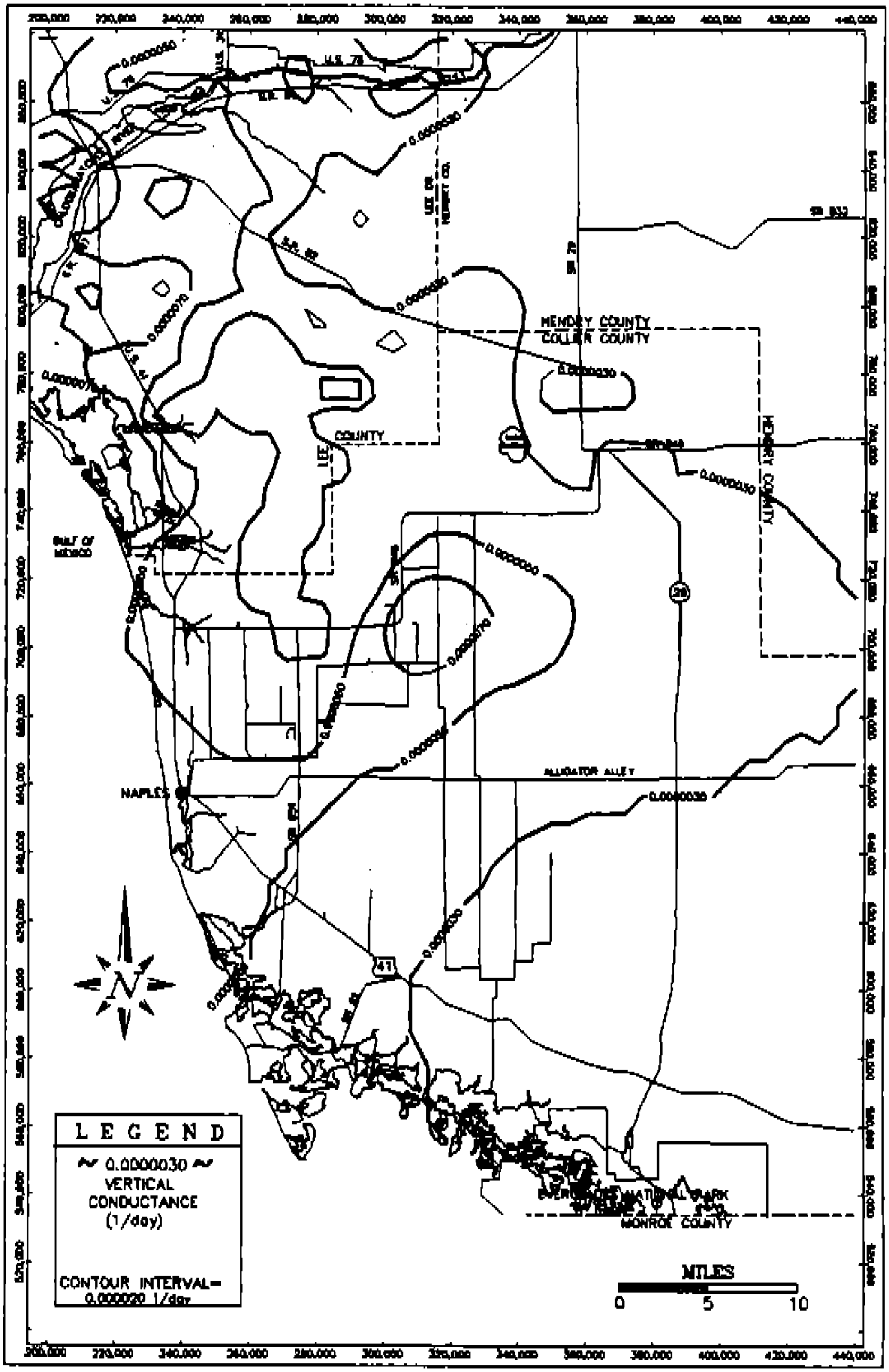


FIGURE A-11. Vertical Conductance, Bottom of Layer 3

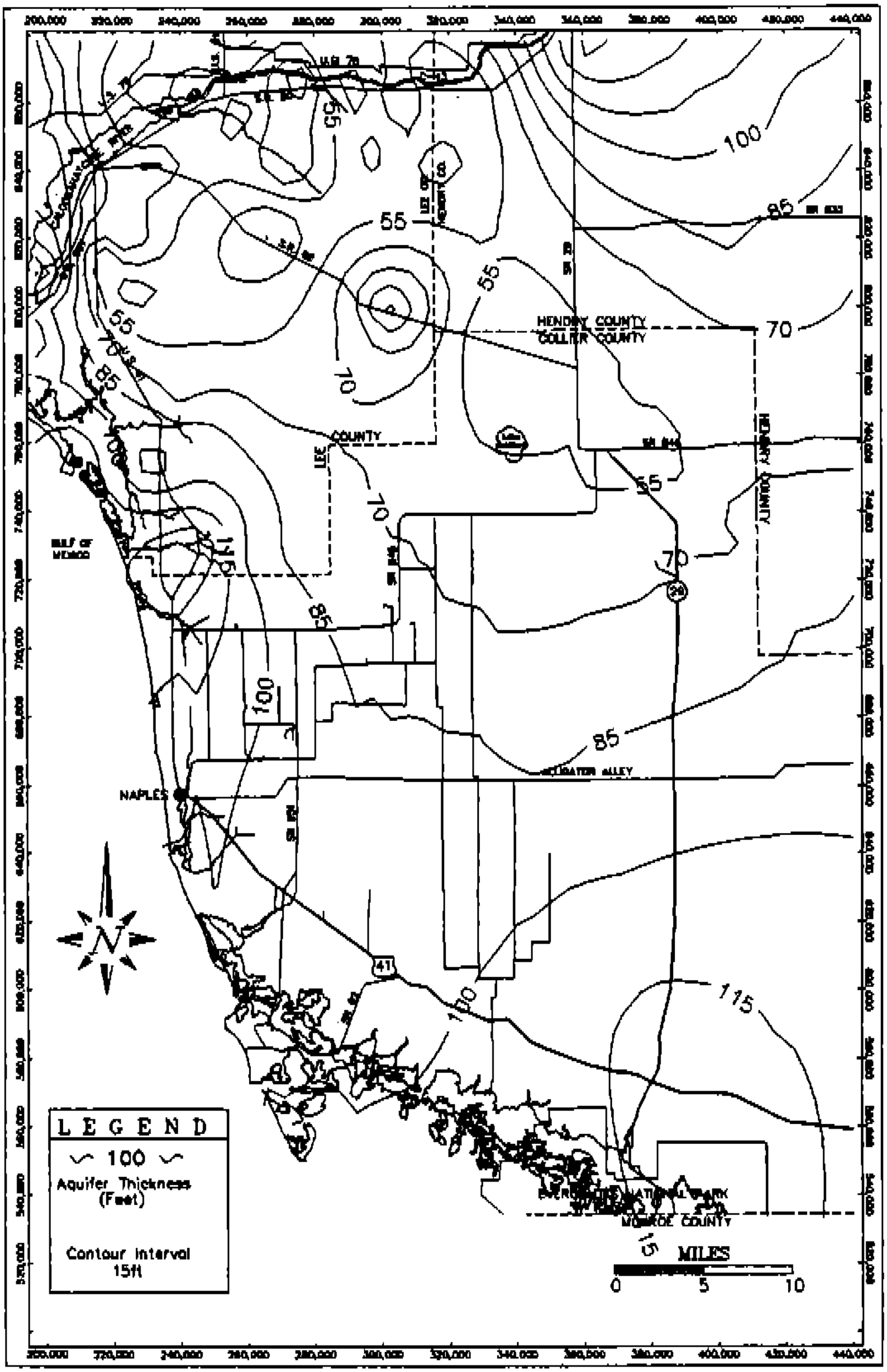


FIGURE A-12. Thickness of Layer 4 (Mid-Hawthorn Aquifer)

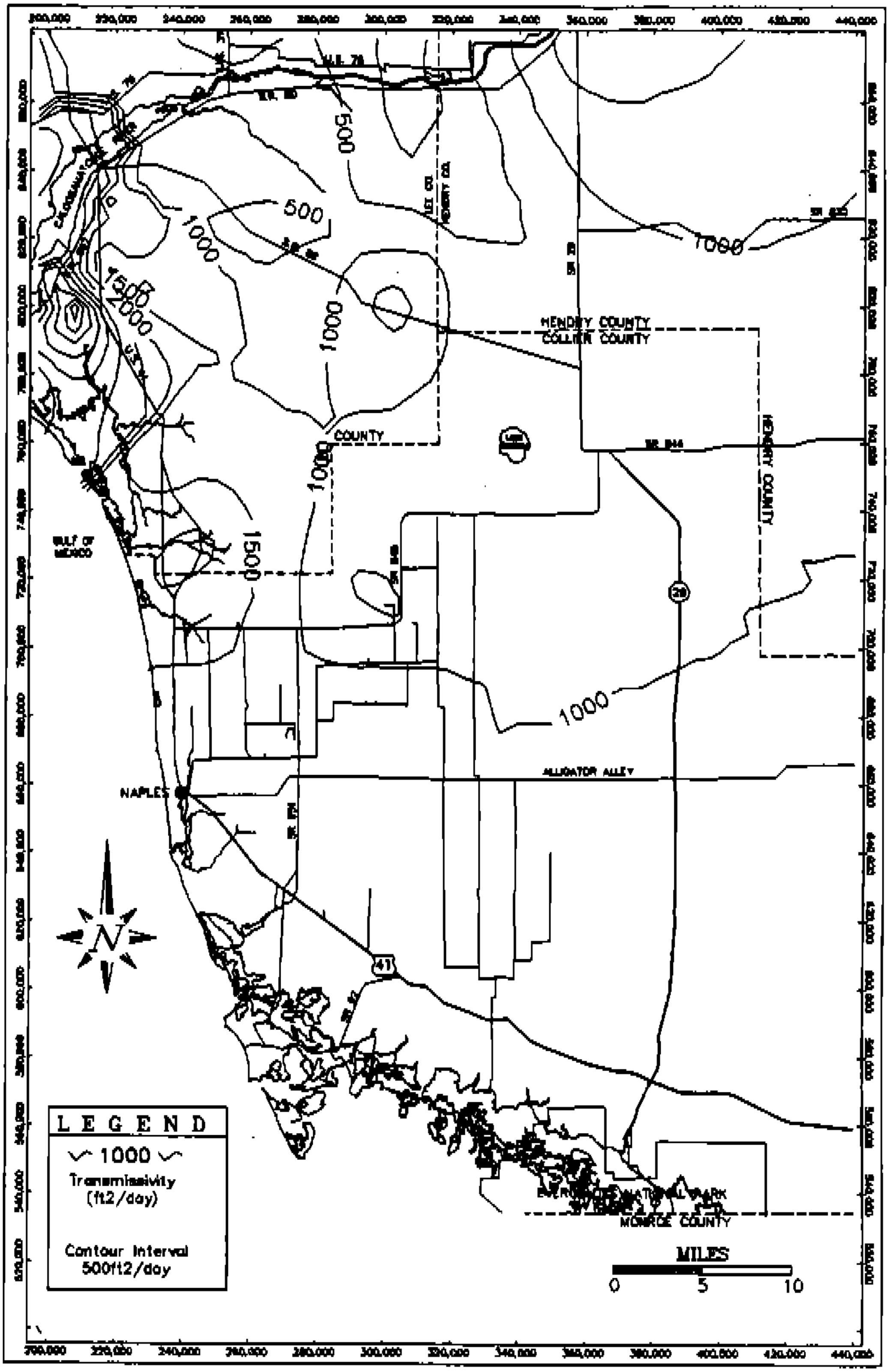


FIGURE A-13. Transmissivity, Layer 4 (Mid-Hawthorn Aquifer)

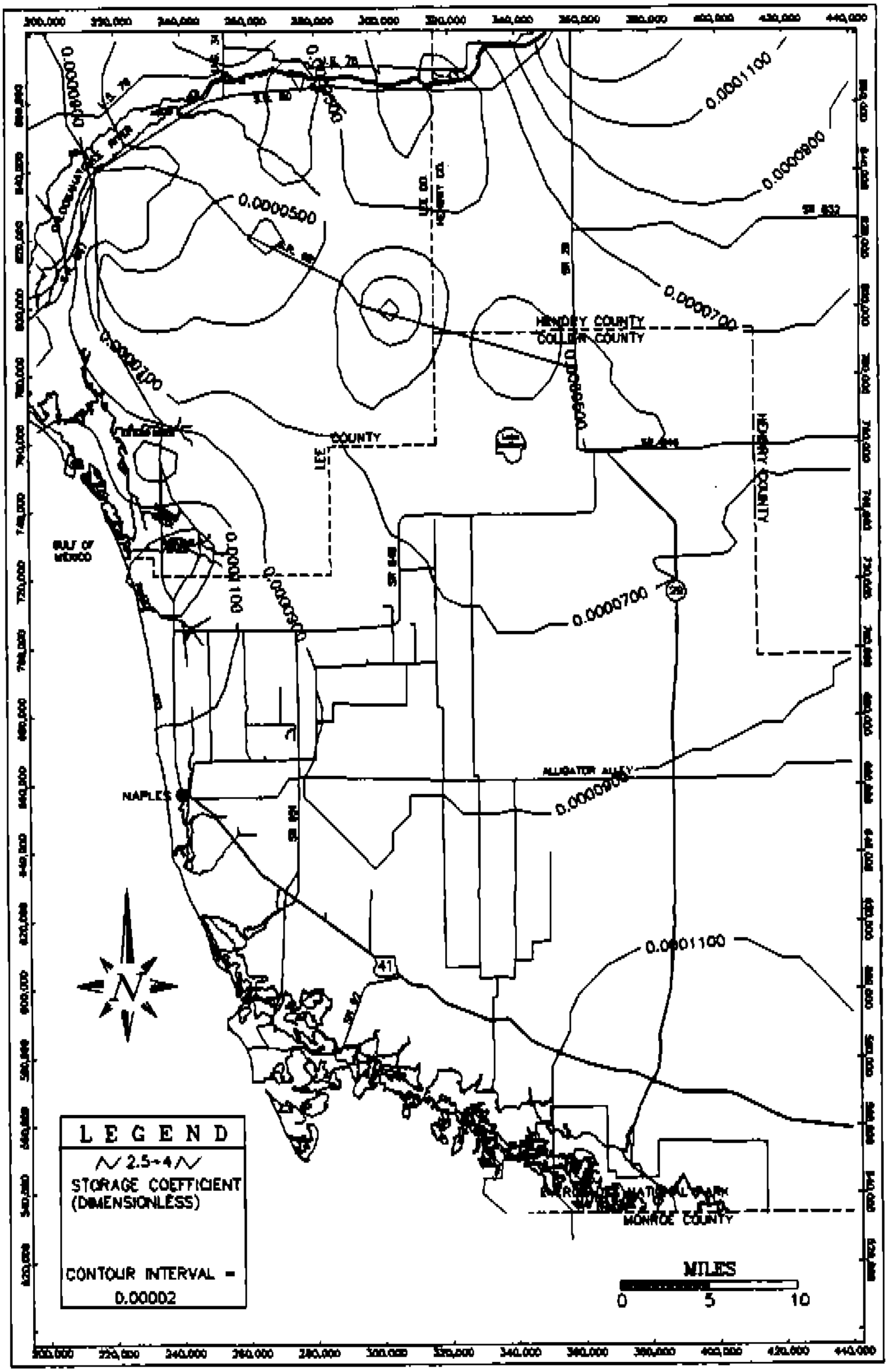


FIGURE A-14. Storage Coefficient, Layer 4 (Mid-Hawthorn Aquifer)

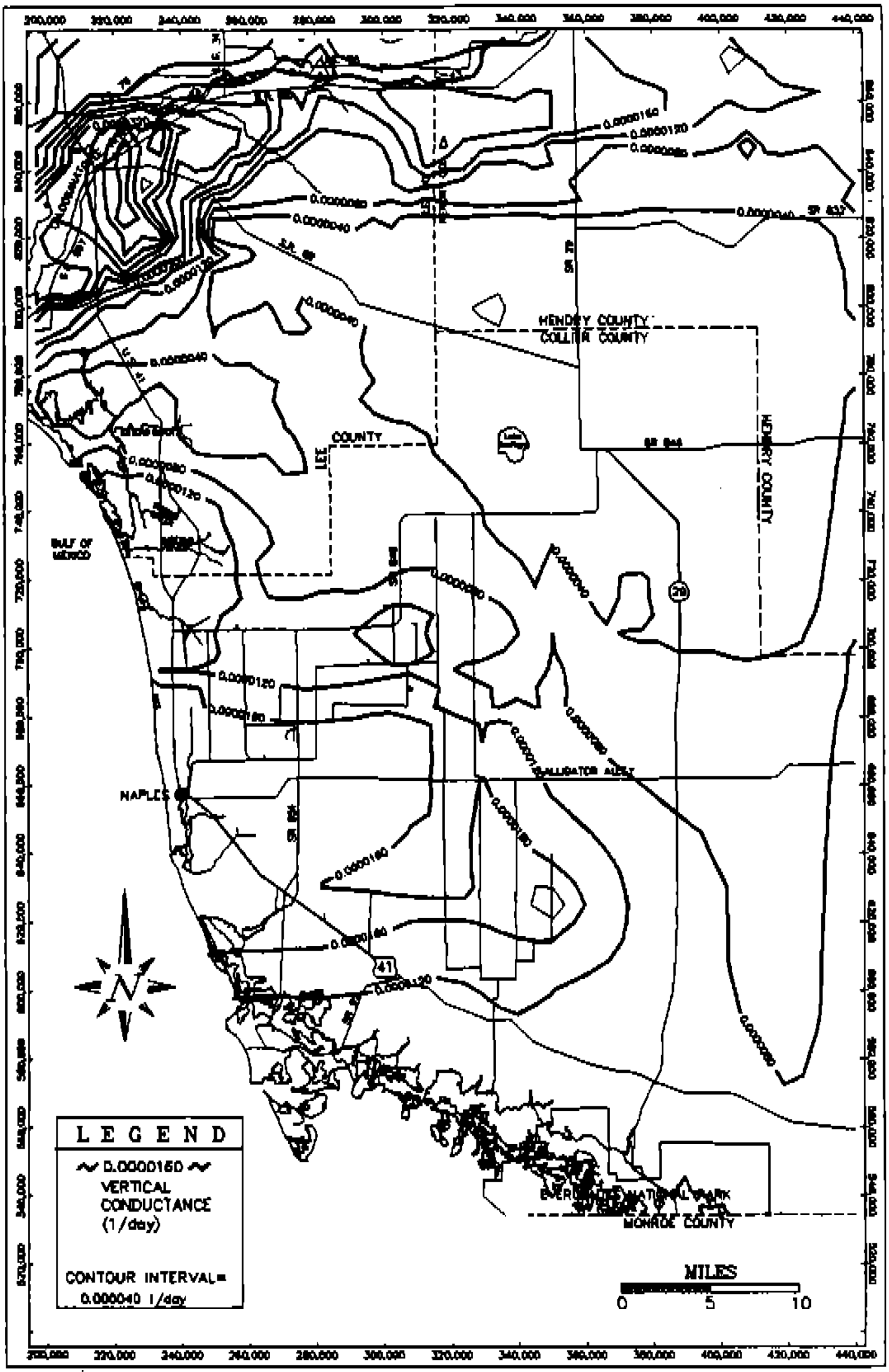
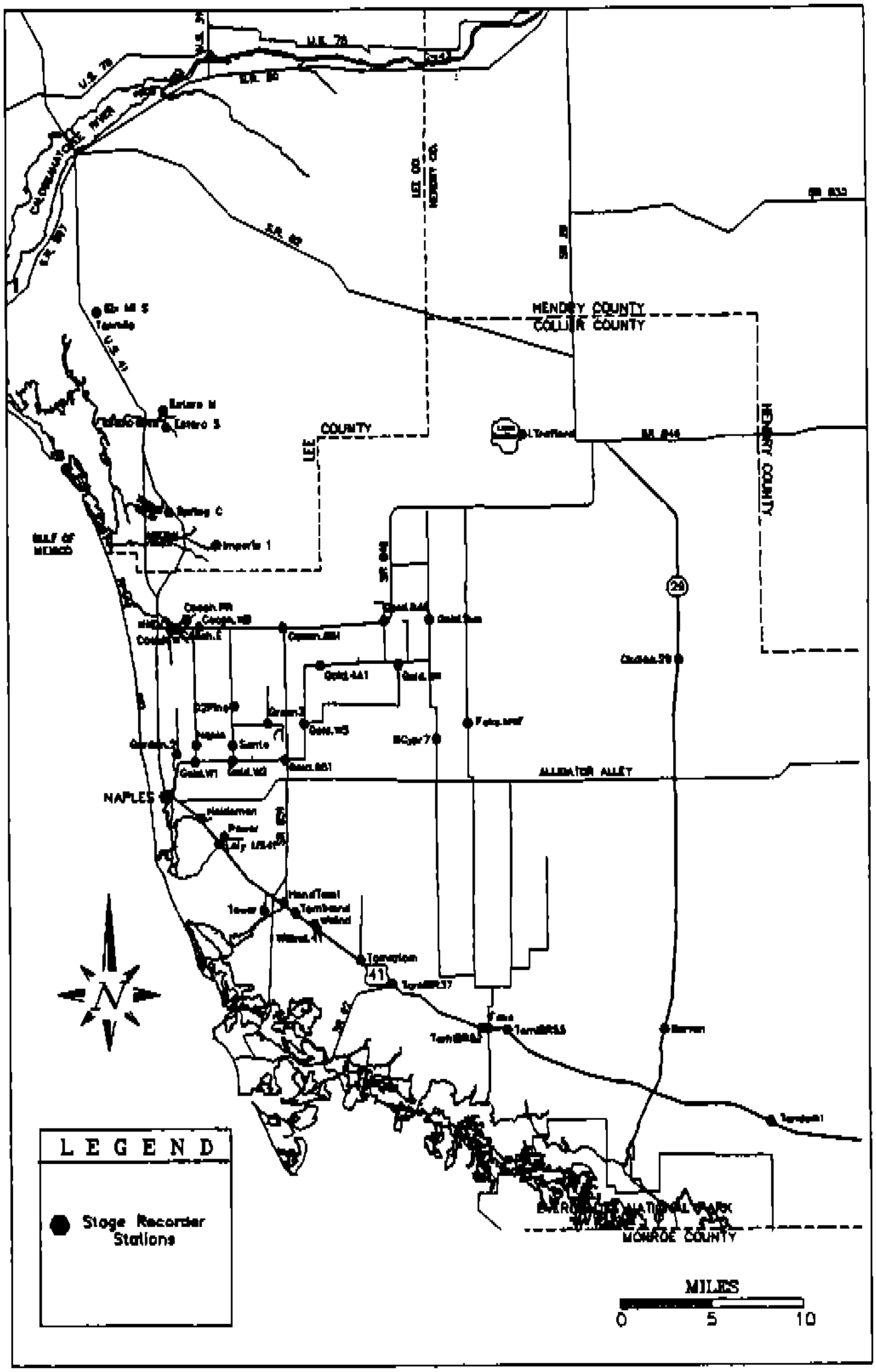


FIGURE A-15. Vertical Conductance, Bottom of Layer 4

APPENDIX B

RIVER PACKAGE INPUT DATA



Location of Stage Recorder Stations

RIVER PACKAGE DATA

Layer	Row	Column	Average Stage	River Bed Conductance	River Bottom Elevation
1	58	36	0.38	51427.	-2.00
1	59	36	0.38	68144.	-2.00
1	59	35	0.38	39488.	-2.00
1	60	35	0.38	47760.	-3.00
1	61	35	0.38	23867.	-4.00
1	62	34	0.38	82620.	-5.00
1	55	27	0.38	77138.	-6.00
1	56	27	0.38	380160.	-6.00
1	57	27	0.38	304128.	-6.00
1	58	27	0.38	253440.	-6.00
1	59	27	0.38	347340.	-6.00
1	41	11	0.34	42800.	-6.00
1	41	10	0.34	177600.	-8.00
1	41	10	0.34	25707.	-6.00
1	42	10	0.34	10400.	-8.00
1	43	9	0.34	851840.	-8.00
1	44	9	0.34	1858560.	-8.00
1	34	9	1.13	15808.	-2.00
1	34	10	1.46	9787.	-3.00
1	34	10	1.57	9787.	-3.00
1	33	9	1.13	117787.	-3.00
1	33	8	0.81	342667.	-4.00
1	33	7	0.81	244800.	-4.00
1	32	7	0.81	1890000.	-5.00
1	31	7	0.81	224000.	-6.00
1	33	10	1.46	13007.	-3.00
1	34	10	1.46	20811.	-3.00
1	49	14	0.43	32125.	-4.00
1	49	15	0.43	137109.	-3.00
1	49	14	0.43	130067.	-4.00
1	50	14	0.43	578400.	-5.00
1	50	13	0.43	1234800.	-6.00
1	51	13	0.43	502333.	-6.50
1	45	13	1.08	55808.	-2.00
1	45	12	1.08	111440.	-2.00
1	46	12	0.63	37200.	-2.00
1	46	11	0.63	37873.	-2.00
1	47	11	0.63	17440.	-2.50
1	47	10	0.50	20576.	-3.00

* Average monthly stage (Feb 1986 - Dec 1988) used in steady state runs. Actual monthly values used in transient runs. River stage and river bottom elevations are in feet (NGVD)

** River bed conductance for each cell is calculated as the product of the average wetted perimeter of the river, the length of the river reach in a cell and the hydraulic conductivity of the river bed divided by the thickness of the river bed.

RIVER PACKAGE DATA

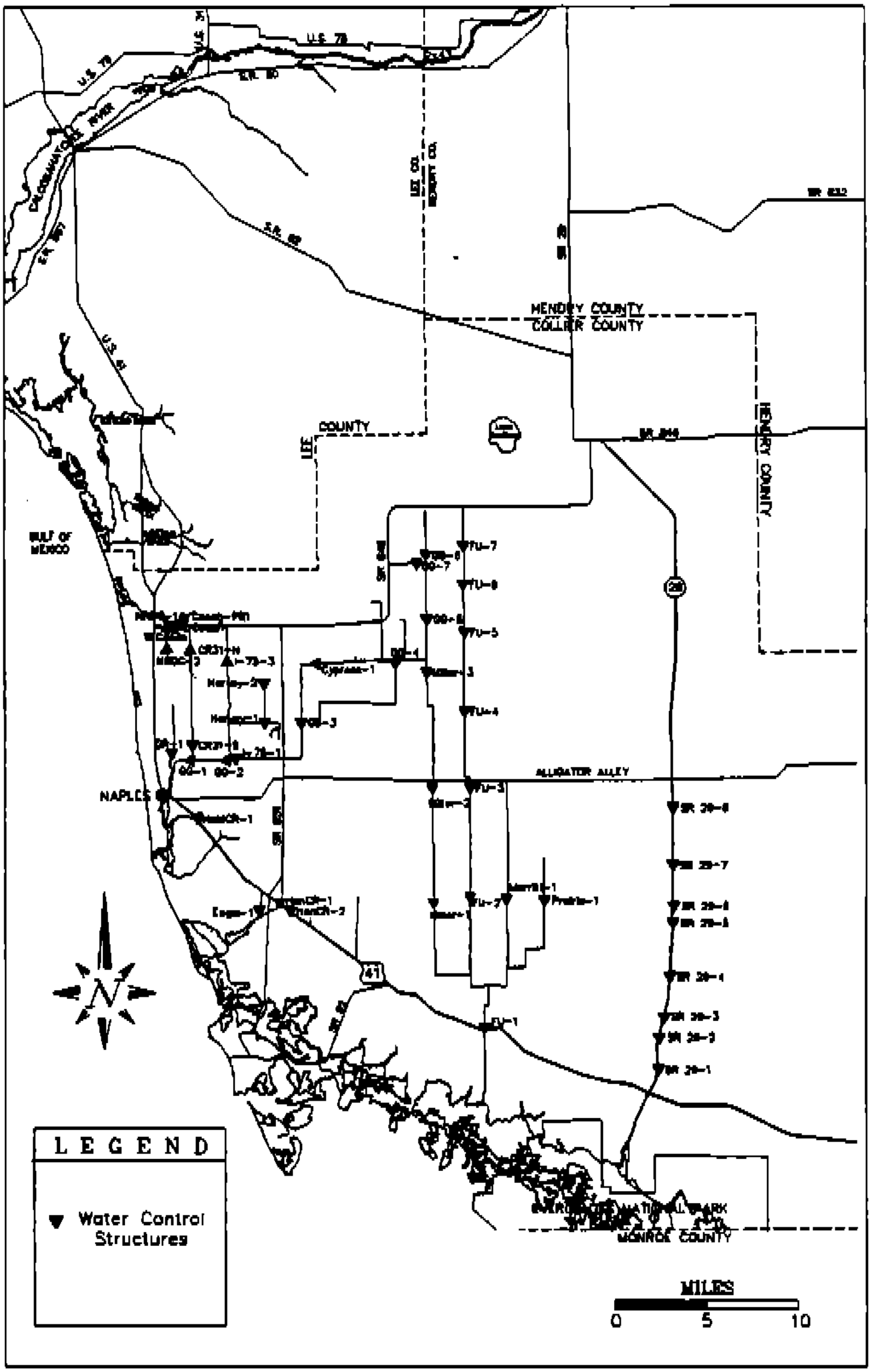
Layer	Row	Column	Average Stage	River Bed Conductance	River Bottom Elevation
1	47	9	0.37	1461456.	-3.00
1	44	11	0.37	40400.	-3.00
1	44	10	0.37	137700.	-3.00
1	45	9	0.37	1281280.	-6.00
1	45	10	0.37	901120.	-6.00
1	46	9	0.37	3322667.	-5.00
1	46	10	0.37	984480.	-5.00
1	23	27	20.00	2695000.	10.00
1	23	28	20.00	2953513.	10.00
1	24	27	20.00	2024007.	10.00
1	24	28	20.00	6145920.	10.00
1	23	6	0.37	280000.	-2.50
1	22	6	0.37	46667.	-2.50
1	23	7	0.83	74667.	-2.50
1	22	7	0.83	117333.	-2.50
1	23	8	1.28	49333.	-2.50
1	22	8	1.28	30000.	-2.50
1	23	10	1.74	10000.	0.00
1	23	9	1.74	82133.	-2.50
1	22	9	3.18	56000.	0.00
1	26	7	0.36	320000.	-2.50
1	27	7	0.47	283333.	-3.00
1	28	7	1.23	28000.	-4.00
1	27	8	1.89	48000.	0.00
1	27	9	2.76	20000.	-4.50
1	29	7	0.49	373333.	-7.00
1	29	8	0.77	268000.	-5.50
1	29	9	1.24	154667.	-5.50
1	28	9	1.24	154667.	-5.50
1	29	10	1.73	128000.	-5.00
1	29	11	2.23	28000.	-7.00
1	30	10	1.73	74667.	-3.60
1	30	11	2.04	37333.	3.00
1	28	10	1.73	21600.	-3.40
1	29	11	2.23	32760.	2.00
1	30	11	2.43	9096.	4.00

* Average monthly stage (Feb 1986 - Dec 1988) used in steady state runs. Actual monthly values used in transient runs. River stage and river bottom elevations are in feet (NGVD)

** River bed conductance for each cell is calculated as the product of the average wetted perimeter of the river, the length of the river reach in a cell and the hydraulic conductivity of the river bed divided by the thickness of the river bed.

APPENDIX C

DRAIN PACKAGE INPUT DATA



Location of Water Control Structures

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	34	10	1.0	76032.
1	34	11	2.0	76032.
1	34	12	2.0	76032.
1	34	13	3.0	76032.
1	34	14	4.0	76032.
1	34	15	5.0	76032.
1	34	16	6.0	76032.
1	34	17	6.0	63360.
1	34	18	7.0	84480.
1	34	19	7.0	84480.
1	34	20	7.0	76032.
1	33	21	8.0	76032.
1	42	16	6.0	112640.
1	42	17	6.0	112640.
1	42	18	6.0	112640.
1	42	19	6.0	112640.
1	42	20	6.0	112640.
1	42	21	6.0	112640.
1	42	22	6.0	112640.
1	42	23	6.0	112640.
1	42	24	6.0	112640.
1	42	25	6.2	112640.
1	42	26	6.2	112640.
1	42	27	7.2	112640.
1	42	28	7.2	112640.
1	42	29	8.0	112640.
1	42	30	8.0	112640.
1	42	31	9.0	112640.
1	42	32	9.5	112640.
1	42	33	9.5	112640.
1	42	34	9.5	112640.
1	42	35	9.5	112640.
1	42	36	9.5	112640.
1	42	37	9.5	112640.
1	42	38	9.5	112640.
1	42	39	9.5	112640.
1	42	40	9.5	112640.
1	42	41	9.0	112640.
1	42	42	9.0	112640.
1	42	43	9.0	112640.
1	41	44	9.0	112640.
1	41	45	9.0	112640.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	41	46	8.0	112640.
1	41	47	8.0	112640.
1	61	47	2.5	44080.
1	61	46	2.5	84480.
1	61	45	2.5	84480.
1	61	44	2.5	84480.
1	61	43	2.5	110208.
1	61	42	2.5	23872.
1	60	42	2.5	60608.
1	60	41	2.5	91840.
1	60	40	2.0	40400.
1	59	40	2.0	40400.
1	59	39	2.0	67584.
1	59	38	2.0	56320.
1	59	37	2.0	117547.
1	59	36	2.0	103584.
1	59	35	2.0	51802.
1	58	35	2.0	51802.
1	58	34	2.0	107733.
1	58	33	2.0	126720.
1	58	32	2.0	103584.
1	58	31	2.0	25760.
1	57	31	2.0	60608.
1	57	30	2.0	90000.
1	57	29	2.0	62400.
1	56	28	2.0	72693.
1	55	28	2.0	24230.
1	55	27	2.0	103584.
1	55	26	2.0	90000.
1	55	25	2.0	90000.
1	55	24	2.0	40400.
1	54	24	2.0	59680.
1	54	23	2.0	52040.
1	53	23	2.0	24480.
1	53	22	2.0	95520.
1	53	21	2.0	36808.
1	52	21	2.0	28160.
1	52	20	2.0	101008.
1	51	19	2.0	68133.
1	51	18	2.0	17173.
1	50	18	2.0	39179.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	50	17	2.0	41320.
1	49	17	2.0	9200.
1	49	16	2.0	101008.
1	49	15	2.0	16827.
1	48	15	2.0	67333.
1	48	14	2.0	33520.
1	47	14	2.0	25099.
1	47	13	2.0	24480.
1	46	13	2.0	18363.
1	46	12	2.0	21440.
1	45	12	2.0	26320.
1	45	11	2.0	9787.
1	44	11	2.0	30613.
1	44	10	2.0	7957.
1	43	10	2.0	27547.
1	43	9	2.0	7344.
1	24	34	24.0	7800.
1	25	34	23.0	36000.
1	25	35	22.0	22864.
1	26	35	20.0	86320.
1	26	36	19.0	24800.
1	27	36	17.5	93600.
1	27	37	16.5	48480.
1	28	37	15.0	66120.
1	29	37	15.0	42240.
1	30	37	15.0	50688.
1	31	37	15.0	46464.
1	32	37	14.5	42240.
1	33	37	14.0	50688.
1	34	37	13.5	46464.
1	35	37	13.0	42240.
1	36	37	12.5	63360.
1	37	37	12.0	63360.
1	38	37	11.5	63360.
1	39	37	11.0	63360.
1	40	37	10.5	38016.
1	40	37	10.0	63360.
1	41	37	10.0	84480.
1	42	37	9.5	168960.
1	43	37	9.0	70400.
1	44	37	8.0	56320.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	45	37	8.0	56320.
1	46	37	8.0	56320.
1	47	37	7.0	56320.
1	48	37	7.0	56320.
1	49	37	7.0	12267.
1	49	37	6.0	47947.
1	50	37	6.0	11733.
1	50	37	5.0	56320.
1	51	37	5.0	56320.
1	52	37	5.0	56320.
1	53	37	4.0	70400.
1	54	37	4.0	61413.
1	55	36	4.0	14667.
1	55	36	3.0	53867.
1	56	36	3.0	19673.
1	56	36	2.0	53866.
1	57	36	2.0	56320.
1	46	30	3.7	29376.
1	47	30	3.7	101376.
1	48	30	3.7	101376.
1	49	30	2.0	168960.
1	50	30	2.0	168960.
1	51	30	2.0	168960.
1	51	29	2.0	159840.
1	52	29	2.0	140800.
1	52	28	2.0	71640.
1	42	28	5.6	137107.
1	43	28	5.6	84480.
1	44	28	5.6	101376.
1	45	28	5.6	126720.
1	46	28	5.6	126720.
1	47	28	5.6	126720.
1	48	28	5.6	126720.
1	49	28	2.0	168960.
1	50	28	2.0	202752.
1	51	28	2.0	202752.
1	52	28	2.0	274392.
1	53	28	2.0	196224.
1	53	27	2.0	123264.
1	28	26	18.1	63360.
1	29	26	18.1	63360.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	30	26	14.1	63360.
1	31	26	14.1	63360.
1	32	26	11.3	70400.
1	33	26	11.3	84480.
1	34	26	11.3	45904.
1	34	26	9.6	84480.
1	35	26	9.6	84480.
1	36	26	9.6	190080.
1	37	26	9.6	190080.
1	38	26	9.6	190080.
1	39	26	6.2	190080.
1	40	26	6.2	152064.
1	41	26	6.2	152064.
1	42	26	6.2	350528.
1	43	26	4.0	112640.
1	44	26	4.0	112640.
1	45	26	4.0	126720.
1	46	26	4.0	140800.
1	47	26	4.0	168960.
1	48	26	4.0	156669.
1	48	26	2.0	232141.
1	49	26	2.0	337920.
1	50	26	2.0	337920.
1	51	26	2.0	202752.
1	52	26	2.0	309200.
1	53	26	2.0	495600.
1	53	27	2.0	409824.
1	54	27	2.0	627840.
1	55	27	2.0	456192.
1	36	24	6.2	28336.
1	37	24	6.2	116160.
1	38	24	6.2	169060.
1	38	24	6.2	126720.
1	40	24	6.2	126720.
1	41	24	6.2	168960.
1	42	24	6.2	281600.
1	43	24	3.9	168960.
1	44	24	3.9	168960.
1	45	24	3.9	140800.
1	46	24	3.9	154880.
1	47	24	3.9	168960.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	48	24	3.9	168960.
1	49	24	3.9	22016.
1	49	24	2.0	168960.
1	50	24	2.0	168960.
1	51	24	2.0	168960.
1	52	24	2.0	168960.
1	53	24	2.0	105600.
1	53	25	2.0	202752.
1	53	26	2.0	581616.
1	28	23	15.7	44064.
1	29	23	15.7	50688.
1	30	23	15.7	50688.
1	31	23	10.5	126720.
1	32	23	10.5	126720.
1	33	23	10.5	148752.
1	32	22	10.5	209640.
1	32	23	10.5	314040.
1	33	23	10.5	303072.
1	32	22	10.5	273000.
1	32	23	10.5	377400.
1	33	23	8.5	344400.
1	34	23	8.5	152064.
1	35	23	8.5	152064.
1	36	23	8.5	175190.
1	36	22	8.5	102528.
1	36	22	7.0	269952.
1	37	22	7.0	253440.
1	38	22	7.0	168240.
1	38	21	7.0	253440.
1	38	20	7.0	253440.
1	38	19	7.0	225280.
1	38	18	7.0	337200.
1	39	18	7.0	96960.
1	39	17	7.0	171878.
1	34	16	5.0	141232.
1	35	16	5.0	84480.
1	36	16	5.0	84480.
1	37	16	5.0	84480.
1	38	16	5.0	70400.
1	39	16	5.0	56320.
1	40	16	5.0	56320.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	41	16	5.0	22027.
1	36	15	10.0	35820.
1	37	15	10.0	23460.
1	37	15	8.0	87300.
1	38	15	8.0	101376.
1	39	15	8.0	60600.
1	40	15	6.3	68880.
1	39	15	6.3	383800.
1	39	14	6.3	168960.
1	39	13	6.3	132224.
1	39	14	6.3	337920.
1	39	15	6.3	431800.
1	40	14	6.3	59200.
1	34	13	10.0	138464.
1	35	13	10.0	84480.
1	36	13	6.3	104640.
1	37	13	6.3	168960.
1	38	13	6.3	202752.
1	39	13	6.3	301184.
1	40	13	6.3	253440.
1	41	13	6.3	126720.
1	35	11	8.5	15150.
1	36	11	8.5	31680.
1	37	11	8.5	42240.
1	38	11	8.7	135168.
1	39	11	8.7	135168.
1	40	11	8.7	79920.
1	41	11	3.4	57840.
1	39	17	6.0	282011.
1	40	17	6.0	281600.
1	41	17	6.0	140800.
1	41	16	6.0	275467.
1	41	15	6.0	168960.
1	40	14	6.0	235520.
1	41	14	6.0	73600.
1	40	15	6.0	142480.
1	41	15	6.0	352640.
1	41	14	5.5	242560.
1	41	13	5.0	378320.
1	41	12	3.4	225280.
1	41	11	3.4	224440.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	36	22	8.5	336000.
1	36	21	8.5	126720.
1	36	20	8.5	112640.
1	36	19	8.5	101376.
1	36	18	8.5	101376.
1	36	17	7.0	248760.
1	37	17	7.0	84480.
1	38	17	7.0	84480.
1	39	17	7.0	309547.
1	33	22	8.5	277240.
1	34	22	8.5	101376.
1	35	22	8.5	101376.
1	36	22	8.5	477926.
1	30	21	12.5	9150.
1	31	20	12.5	51400.
1	31	21	12.5	52800.
1	32	20	12.5	52800.
1	32	21	12.5	52800.
1	32	21	11.5	118920.
1	33	21	11.5	202752.
1	34	21	10.5	101376.
1	35	21	9.5	101376.
1	36	21	8.5	137760.
1	34	20	8.5	146432.
1	35	20	8.5	70400.
1	30	22	13.1	63360.
1	30	23	13.1	80988.
1	30	23	10.5	126438.
1	38	10	3.5	38560.
1	39	10	3.5	84480.
1	40	10	3.5	83920.
1	41	10	3.5	18280.
1	36	9	7.2	6123.
1	35	9	7.2	11013.
1	35	9	6.0	41877.
1	34	9	6.0	26736.
1	34	9	4.0	35016.
1	34	10	4.0	100501.
1	33	10	4.5	10700.
1	43	16	6.0	56320.
1	44	16	6.0	84480.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	45	16	6.0	84480.
1	46	16	6.0	101376.
1	47	16	6.0	101376.
1	48	16	5.5	112640.
1	49	16	5.0	147008.
1	48	14	2.0	127787.
1	49	14	2.0	120400.
1	44	11	2.5	98865.
1	48	20	3.0	19893.
1	49	20	3.0	70400.
1	50	20	2.5	70400.
1	51	20	2.0	70400.
1	52	20	2.0	171408.
1	9	16	14.0	36000.
1	9	17	14.0	27000.
1	10	17	14.0	37800.
1	10	18	18.5	58500.
1	10	19	18.5	13500.
1	11	19	18.5	40500.
1	11	20	18.5	36000.
1	11	20	20.5	49600.
1	11	21	20.5	49500.
1	11	22	20.5	45000.
1	11	23	20.5	49500.
1	9	16	14.0	79200.
1	10	16	19.7	67500.
1	11	16	19.7	22500.
1	11	16	23.1	46800.
1	12	16	23.1	47700.
1	13	16	23.1	47700.
1	14	16	23.1	10800.
1	10	17	19.7	84600.
1	11	17	19.7	16200.
1	11	17	24.0	48600.
1	12	17	24.0	48600.
1	13	17	24.0	40500.
1	9	17	14.0	51300.
1	9	17	15.8	73800.
1	8	18	15.8	46800.
1	8	19	15.8	46800.
1	8	20	15.8	46800.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	8	21	15.8	46800.
1	8	17	15.8	46800.
1	7	17	15.8	46800.
1	6	17	15.8	46800.
1	6	23	17.9	36000.
1	7	23	17.9	47700.
1	8	23	17.9	13500.
1	8	23	21.2	47700.
1	9	23	21.2	45000.
1	10	23	21.2	46800.
1	11	23	21.2	96300.
1	6	24	20.6	24300.
1	7	24	20.6	46800.
1	8	24	20.6	12600.
1	8	24	22.6	46800.
1	9	24	22.6	47700.
1	10	24	22.6	46800.
1	11	24	22.6	68400.
1	12	23	22.6	8100.
1	12	23	24.1	46900.
1	14	23	24.1	47700.
1	15	23	24.1	46800.
1	16	23	24.1	46800.
1	17	23	24.1	31500.
1	5	17	10.5	47700.
1	4	17	8.0	47700.
1	5	23	12.0	31500.
1	6	23	12.0	42300.
1	5	24	15.0	45000.
1	6	24	15.0	46800.
1	17	23	27.0	102620.
1	16	23	27.0	110720.
1	15	23	27.0	111200.
1	14	23	27.0	98900.
1	13	23	27.0	53200.
1	12	23	27.0	84700.
1	17	22	27.0	26800.
1	16	22	27.0	57600.
1	15	22	27.0	85600.
1	14	22	27.0	80400.
1	13	22	27.0	75200.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	12	22	27.0	49200.
1	16	21	27.0	34800.
1	15	21	27.0	46000.
1	14	21	27.0	60000.
1	13	21	27.0	55200.
1	12	21	27.0	28400.
1	12	23	20.5	104700.
1	12	22	20.5	77200.
1	12	21	20.5	38800.
1	11	21	20.5	84700.
1	10	23	21.2	67920.
1	10	22	21.2	21120.
1	9	22	21.2	20000.
1	9	23	21.2	66120.
1	8	23	21.2	68820.
1	8	22	21.2	20000.
1	7	22	17.9	20000.
1	7	23	17.9	68820.
1	6	23	17.9	84540.
1	6	22	17.8	42400.
1	6	21	15.0	72720.
1	6	20	15.0	48000.
1	6	19	15.0	58800.
1	6	18	15.0	66000.
1	7	18	15.0	12000.
1	5	18	15.0	20000.
1	5	19	15.0	20000.
1	5	20	15.0	20000.
1	5	21	15.0	6000.
1	16	21	27.4	56000.
1	15	21	27.4	73600.
1	14	21	27.4	83200.
1	13	21	27.4	85600.
1	16	20	27.4	30400.
1	15	20	27.4	74800.
1	14	20	27.4	65200.
1	13	20	27.4	65200.
1	15	19	28.0	31200.
1	14	18	28.0	36000.
1	13	19	24.0	90800.
1	12	19	24.0	29200.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	13	18	24.0	44800.
1	12	21	24.7	76800.
1	11	21	24.7	105900.
1	12	20	24.7	98400.
1	12	19	24.7	44400.
1	13	18	24.0	68800.
1	12	18	24.0	82400.
1	11	18	24.0	92000.
1	14	17	23.1	18000.
1	13	17	23.1	89700.
1	12	17	23.1	95000.
1	11	17	23.1	67400.
1	3	17	23.1	8800.
1	13	16	23.1	86100.
1	12	16	23.1	95300.
1	11	16	23.1	85600.
1	13	15	23.1	34800.
1	12	15	23.1	38800.
1	13	14	23.1	5600.
1	12	14	23.1	9600.
1	11	17	19.7	88200.
1	11	16	19.7	95200.
1	10	16	19.7	97100.
1	12	15	19.7	59200.
1	11	15	19.7	69600.
1	10	15	19.7	85600.
1	12	14	19.7	66800.
1	11	14	19.7	84400.
1	10	14	19.7	76000.
1	9	14	19.7	33600.
1	12	13	19.7	32400.
1	11	13	19.7	4000.
1	10	13	19.7	88400.
1	9	13	19.7	46000.
1	11	12	19.7	39200.
1	10	12	19.7	68400.
1	9	12	19.7	31200.
1	10	17	14.0	94600.
1	9	17	14.0	110200.
1	10	16	14.0	130300.
1	9	16	14.0	133200.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

DRAIN PACKAGE DATA

LAYER	ROW	COLUMN	DRAIN ELEVATION	DRAIN CONDUCTANCE
1	8	16	14.0	46800.
1	7	16	14.0	30400.
1	9	15	14.0	57200.
1	9	14	14.0	43600.
1	7	14	14.0	10000.
1	11	21	18.5	116300.
1	10	21	18.5	20000.
1	9	21	18.5	20000.
1	10	20	18.5	21200.
1	9	20	18.5	21200.
1	11	19	18.5	85300.
1	10	19	18.5	37500.
1	9	19	18.5	20000.
1	10	18	18.5	94500.
1	9	18	18.5	20400.
1	10	17	18.5	113800.
1	7	20	15.8	21200.
1	7	19	15.8	20800.
1	7	18	15.8	33200.
1	8	17	15.8	90000.
1	7	17	15.8	91200.
1	6	17	15.8	78800.
1	6	16	15.8	44800.
1	7	16	15.8	53200.
1	7	15	15.8	8400.
1	6	17	13.0	118000.
1	6	16	13.0	91200.
1	6	15	13.0	115200.

* Drain elevations are in feet (NGVD)

** Drain Bed Conductance for each cell is calculated as the product of the average wetted perimeter of the drain, the length of the drain reach in a cell and the hydraulic conductivity of the drain bed divided by the thickness of the drain bed.

APPENDIX D

RECHARGE PACKAGE INPUT DATA

LIST OF FIGURES - APPENDIX D

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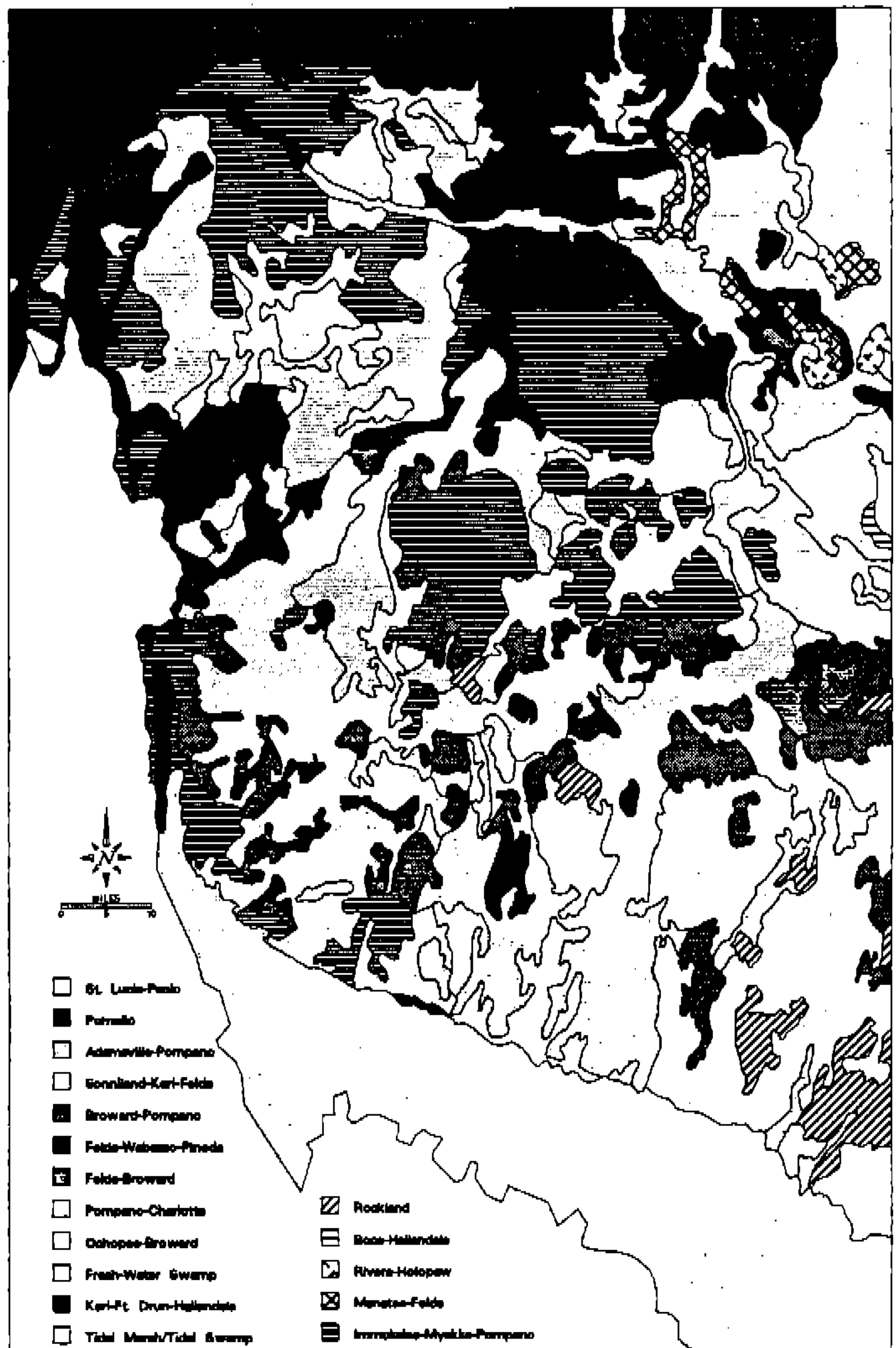

FIGURE D-1. Soil Associations

TABLE D-1: Average Vertical Soil Hydraulic Conductivities

Soil Association	Vertical Hydraulic Conductivity (inches/hr)
St. Lucie -Paolo	10.0
Pomello	11.0
Immokalee - Myakka - Pompano	3.4
Adamsville - Pompano	7.2
Sunniland - Keri - Felda	2.8
Broward - Pompano	6.0
Keri - Ft. Drum - Hallandale	3.7
Felda - Wabasso - Pineda	3.6
Felda - Broward	3.8
Pompano - Charlotte	6.0
Ochopee - Broward	3.2
Fresh-Water Swamp	10.0
Tidal Marsh / Tidal Swamp	13.0
Rockland	8.5
Boca - Hallandale	10.9
Riveria - Holopaw	2.2
Manatee - Felda	3.8

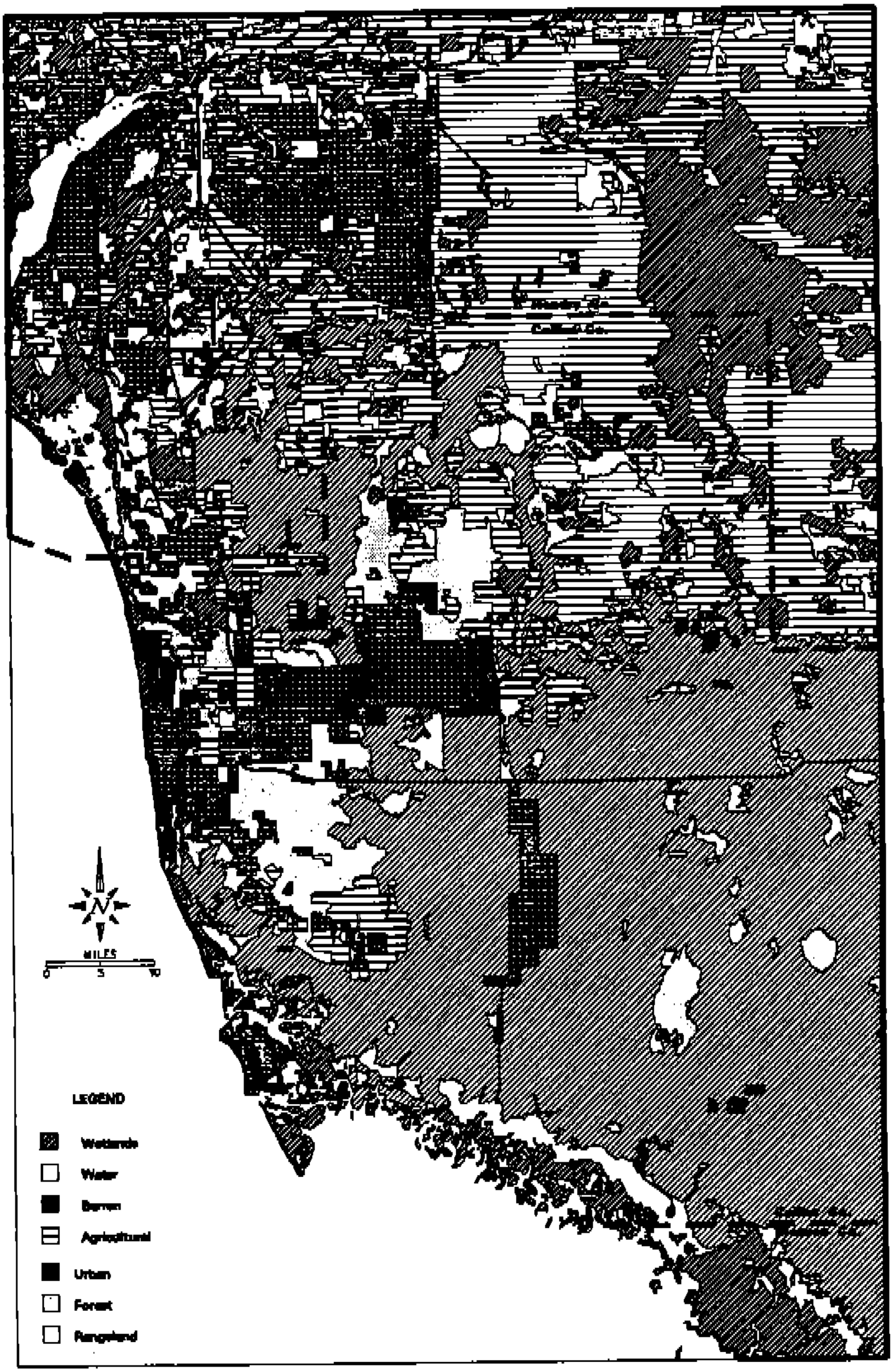

FIGURE D-2. General Land Use (Level 1)

TABLE D-2.
S.F.W.M.D. LAND USE AND LAND COVER CLASSIFICATION CODE

LEVEL I	LEVEL II	LEVEL III
(U) Urban and built-up land		
	(UR) Residential	
		(URSL) Single-family, Low Density (under 2 D.U./gross acre)
		(URSM) Single-family, Medium Density (2 to 5 D.U./gross acre)
		(URSH) Single-family, High Density (over 5 D.U./gross acre)
		(URMF) Multi-family building
		(URMH) Mobile homes
	(UC) Commercial and Services	
		(UCPL) Parking lot
		(UCSC) Shopping center
		(UCSS) Sales and services
		(UCCE) Cultural and Entertainment
		(UCMC) Marine commercial (Marinas)
		(UCHM) Hotel-Motel
	(UI) Industrial	
		(UIJK) Junkyard
		(UILT) Other light industrial
		(UIHV) Other heavy industrial
	(US) Institutional	
		(USED) Educational
		(USMD) Medical
		(USRL) Religious
		(USMF) Military
		(USCF) Correctional
		(USGF) Governmental (other than military or correctional)
		(USSS) Social services (Elks, Moose, Eagles)
	(UT) Transportation	
		(UTAP) Airports
		(UTAG) Small grass airports
		(UTRR) Railroad yards and terminals
		(UTPF) Port facilities
		(UTEP) Electrical power facilities
		(UTTL) Major transmission lines
		(UTHW) Major highway and rights-of-way
		(UTWS) Water supply plants
		(UTSP) Sewerage treatment plants
		(UTSW) Solid waste disposal

(UTRS) Antenna arrays
(UTOG) Oil and gas storage

(UO) Open and others

(UORC) Recreational facilities
(UOGC) Golf courses
(UOPK) Parks
(UOCM) Cemeteries
(UORV) Recreational vehicle parks
(UOUD) Open under development
(UOUN) Open and undeveloped within urban area

(A) Agriculture

(AC) Cropland

(ACSC) Sugar cane
(ACTC) Truck crops
(ACRF) Rice fields

(AP) Pasture

(APIM) Improved pasture
(APUN) Unimproved pasture

(AM) Groves, Ornamentals, Nurseries, Tropical fruits

(AMCT) Citrus
(AMTF) Tropical fruits
(AMSF) Sod farms
(AMOR) Ornamentals

(AF) Confined feeding operations

(AFFL) Cattle feed lots
(AFDF) Dairy farms
(AFFF) Fish farms
(AFHT) Horse training and stables
(AFPY) Poultry

(R) Rangeland

(RG) Grassland

(RS) Scrub and brushland

(RSPP) Palmetto prairies
(RSSB) Brushland

(F) Forested uplands

(FE) Coniferous

(FEPF) Pine flatwoods
(FESP) Sand pine scrub
(FECF) Commercial forest (pine)

(FO) Non-coniferous

(FOAP) Australian pine
(FOBP) Brazilian pepper
(FOPA) Palms
(FOSO) Scrub oak
(FOOK) Oak
(FOCF) Commercial forest

(FM) Mixed forested

(FMTW) Temperate hardwoods
(FMCM) Cabbage palms/Melaleuca
(FMCO) Cabbage palms/Oaks
(FMPM) Pine/Melaleuca
(FMPO) Pine/Oak
(FMTH) Tropical hammocks
(FMOF) Old fields forested
(FMCD) Coastal dunes
(FMPC) Pine/Cabbage palms

(W) Wetlands

(WF) Forested fresh

(WFCM) Cypress/Melaleuca
(WFCY) Cypress
(WFWL) Willow
(WFME) Melaleuca
(WFSB) Scrub and brushland
(WFMX) Mixed forested

(WN) Non-forested fresh

(WNSG) Sawgrass
(WNCT) Cattail
(WNBR) Bullrush
(WNWC) Wire cordgrass
(WNAG) Mixed aquatic grass
(WNWL) Sloughs

(WS) Forested salt

(WSRM) Red mangrove
(WSBW) Black and White mangrove

(WM) Non-forested salt

(WX) Mixed forested and non-forested fresh

(WXPP) Pine and wet prairies
(WXCP) Cypress domes and wet prairies
(WXHM) Hardwood marsh

(H) Water

(B) Barren land

(BB) Beaches
(BP) Extractive
(strip mines, quarries, and
gravel pits)
(BS) Spoil areas
(BL) Levees

* Documentation of major codes from "LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM, A TECHNICAL MANUAL", Department of Transportation, State Topographic Office Remote Sensing Center, Kuyper, Becker and Shopmyer, February 1981

TABLE D-3. CROP COEFFICIENTS/LAND USE TYPE COEFFICIENTS

Land Use	Covered	Month											
	%	1	2	3	4	5	6	7	8	9	10	11	12
U	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UR	.48	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
URSL	.67	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
URSM	.53	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
URSH	.45	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
URMF	.33	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
URMH	.40	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UC	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UCPL	.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UCSC	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UCSS	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UCCE	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UCMC	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UCHM	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UI	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UIJK	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UILT	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UIHV	.05	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
US	.70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
USED	.70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
USMD	.60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
USRL	.70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
USMF	.60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
USCF	.70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
USGF	.70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
USSS	.70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UT	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTAP	.10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

UTAG	.20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTRR	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTPF	.05	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTEP	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTTL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTHW	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTWS	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTSP	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTRS	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UTOG	.50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UO	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UORC	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UOGC	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UOPK	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UOCM	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UORV	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UOUD	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
UOUN	.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
AC	1.0	.41	.44	.63	.67	.64	.69	.72	.71	.72	.86	.74	.64
ACSC	1.0	.39	.30	.53	.61	.70	.79	.79	.84	.73	.88	.72	.69
ACTC	1.0	.44	.71	.82	.78	.53	.49	.57	.44	.71	.82	.78	.53
ACRF	1.0	.39	.30	.53	.61	.70	.79	.79	.84	.73	.88	.72	.69
AP	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
APIM	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
APUN	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
AM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
AMCT	1.0	.63	.66	.68	.7	.71	.71	.71	.71	.7	.68	.67	.64
AMTF	1.0	.27	.42	.58	.7	.78	.81	.77	.71	.63	.54	.43	.3
AMSF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
AMOR	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

AF	.76	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
AFFL	.75	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
AFDF	.80	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
AFFF	.75	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
AFHT	.75	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
AFPY	.75	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
R	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
RG	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
RS	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
RSPP	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
RSSB	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
F	1.0	.63	.73	.86	.98	1.09	1.13	1.11	1.06	.99	.90	.78	.66
FE	1.0	.63	.73	.86	.98	1.09	1.13	1.11	1.06	.99	.90	.78	.66
FEPF	1.0	.63	.73	.86	.98	1.09	1.13	1.11	1.06	.99	.90	.78	.66
FESP	1.0	.63	.73	.86	.98	1.09	1.13	1.11	1.06	.99	.90	.78	.66
FECF	1.0	.63	.73	.86	.98	1.09	1.13	1.11	1.06	.99	.90	.78	.66
FO	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FOAP	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FOBP	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FOPA	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FOSO	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FOOK	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FOCF	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FM	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMTW	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMCM	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMCO	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMPM	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMPO	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMTH	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMOF	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75

FMCD	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
FMPC	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
W	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WF	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WFCM	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WFCY	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WFWL	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WFME	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WFSB	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WFMX	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WN	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
WNSG	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
WNCT	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
WNBR	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
WNWC	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
WNAG	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
WNWL	1.0	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55
WS	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WSRM	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WSBW	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WM	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WX	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WXPP	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WXCP	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
WXHM	1.0	.73	.84	.99	1.14	1.24	1.30	1.28	1.22	1.14	1.05	.90	.75
H	1.0	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
B	.50	.49	.57	.73	.85	.90	.92	.92	.91	.87	.79	.67	.55

TABLE D-4.
Coefficients used in Recharge Preprocessing

Land Use	Ki	Ks	Ka
U	.75	.10	.10
UR	.70	.10	.10
URSL	.80	.10	.10
URSM	.75	.10	.10
URSH	.70	.10	.10
URMF	.65	.10	.10
URMH	.60	.10	.10
UC	.50	.30	.10
UCPL	.50	.30	.10
UCSC	.50	.30	.10
UCSS	.50	.30	.10
UCCE	.60	.20	.10
UCMC	.50	.20	.10
UCHM	.50	.20	.10
UI	.50	.30	.10
UIJK	.50	.30	.10
UILT	.50	.20	.10
UIHV	.50	.30	.10
US	.50	.20	.10
USED	.60	.20	.10
USMD	.50	.30	.10
USRL	.50	.20	.10
USMF	.50	.20	.10
USCF	.50	.20	.10
USGF	.50	.20	.10
USSS	.50	.20	.10
UT	.60	.20	.10
UTAP	.60	.20	.10

UTAG	.70	.10	.10
UTRR	.60	.10	.10
UTPF	.60	.20	.10
UTEP	.60	.10	.10
UTTL	.60	.10	.10
UTHW	.60	.10	.10
UTWS	.60	.10	.10
UTSP	.60	.20	.10
UTSW	.60	.10	.10
UTRS	.60	.10	.10
UTOG	.60	.20	.10
UO	.98	.10	.10
UORC	.90	.10	.10
UOGC	.75	.10	.10
UOPK	.90	.10	.10
UOCM	.90	.10	.10
UORV	.80	.20	.10
UOUD	.98	.10	.10
UOUN	.75	.10	.10
A	.80	.10	.10
AC	.95	.10	.10
ACSC	.83	.10	.10
ACTC	.95	.10	.10
ACRF	.86	.10	.10
AP	.83	.10	.10
APIM	.83	.10	.10
APUN	.83	.10	.10
AM	.85	.10	.10
AMCT	.85	.10	.10
AMTF	.85	.10	.10
AMSF	.90	.10	.10

AMOR	.70	.10	.10
AF	.90	.10	.10
AFFL	.90	.10	.10
AFDF	.90	.10	.10
AFFF	.90	.10	.10
AFHT	.90	.10	.10
AFPY	.90	.10	.10
R	.75	.10	.10
RG	1.00	.10	.10
RS	.80	.10	.10
RSPP	.75	.10	.10
RSSB	.80	.10	.10
F	.85	.10	.10
FE	.85	.10	.10
FEPF	.85	.10	.10
FESP	.85	.10	.10
FECP	.85	.10	.10
FO	.85	.10	.10
FOAP	.85	.10	.10
FOBP	.85	.10	.10
FOPA	.85	.10	.10
FOSO	.85	.10	.10
FOOK	.85	.10	.10
FOCF	.85	.10	.10
FM	.85	.10	.10
FMTW	.85	.10	.10
FMCM	.85	.10	.10
FMCO	.85	.10	.10
FMPM	.85	.10	.10
FMPO	.85	.10	.10
FMTH	.85	.10	.10

FMOF	.85	.10	.10
FMCD	.85	.10	.10
FMPC	.85	.10	.10
W	.90	.10	.10
WF	.85	.10	.10
WFCM	.85	.10	.10
WFCY	.85	.10	.10
WFWL	.85	.10	.10
WFME	.87	.10	.10
WFSB	.80	.10	.10
WFMX	.80	.10	.10
WN	.90	.10	.10
WNSG	.90	.10	.10
WNCT	.90	.10	.10
WNBR	.90	.10	.10
WNWC	.90	.10	.10
WNAG	.90	.10	.10
WNWL	.90	.10	.10
WS	.85	.10	.10
WSRM	.85	.10	.10
WSBW	.85	.10	.10
WM	.90	.10	.10
WX	.90	.10	.10
WXPP	.90	.10	.10
WXCP	.90	.10	.10
WXHM	.90	.10	.10
H	1.00	.10	.10

APPENDIX E

EVAPOTRANSPIRATION PACKAGE INPUT DATA

LIST OF FIGURES - APPENDIX E

LIST OF TABLES - APPENDIX E

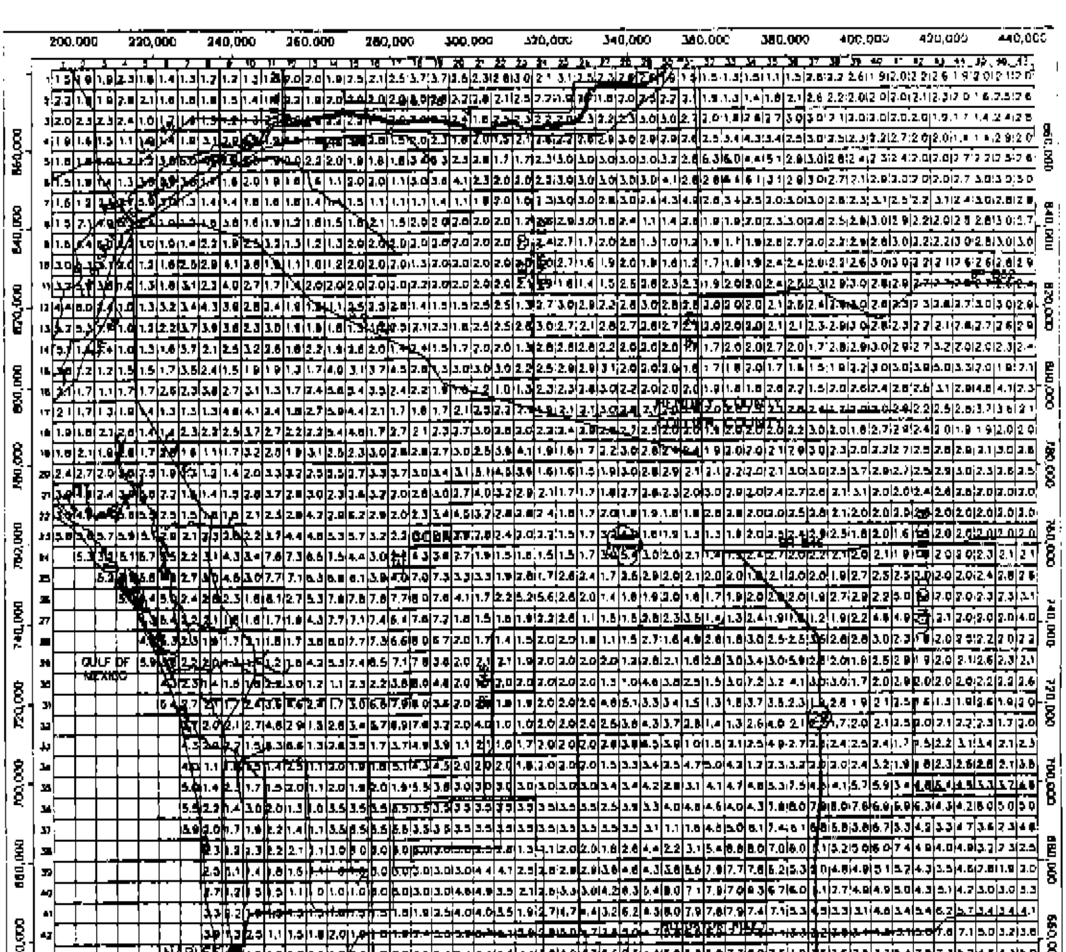

FIGURE E-1. Extinction Depths Per Model Cell

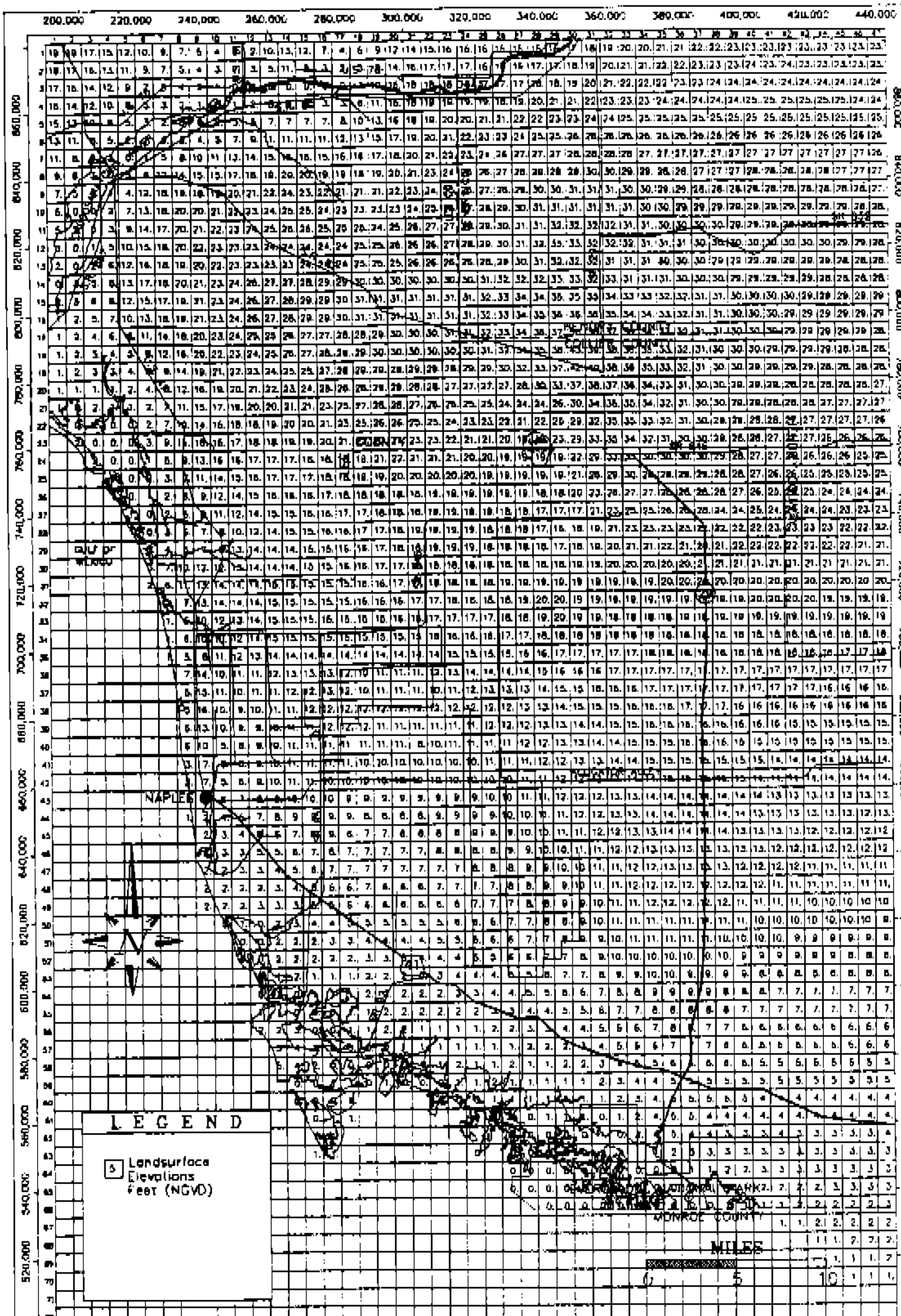

FIGURE E-2. Evapotranspiration Surface Per Model Cell

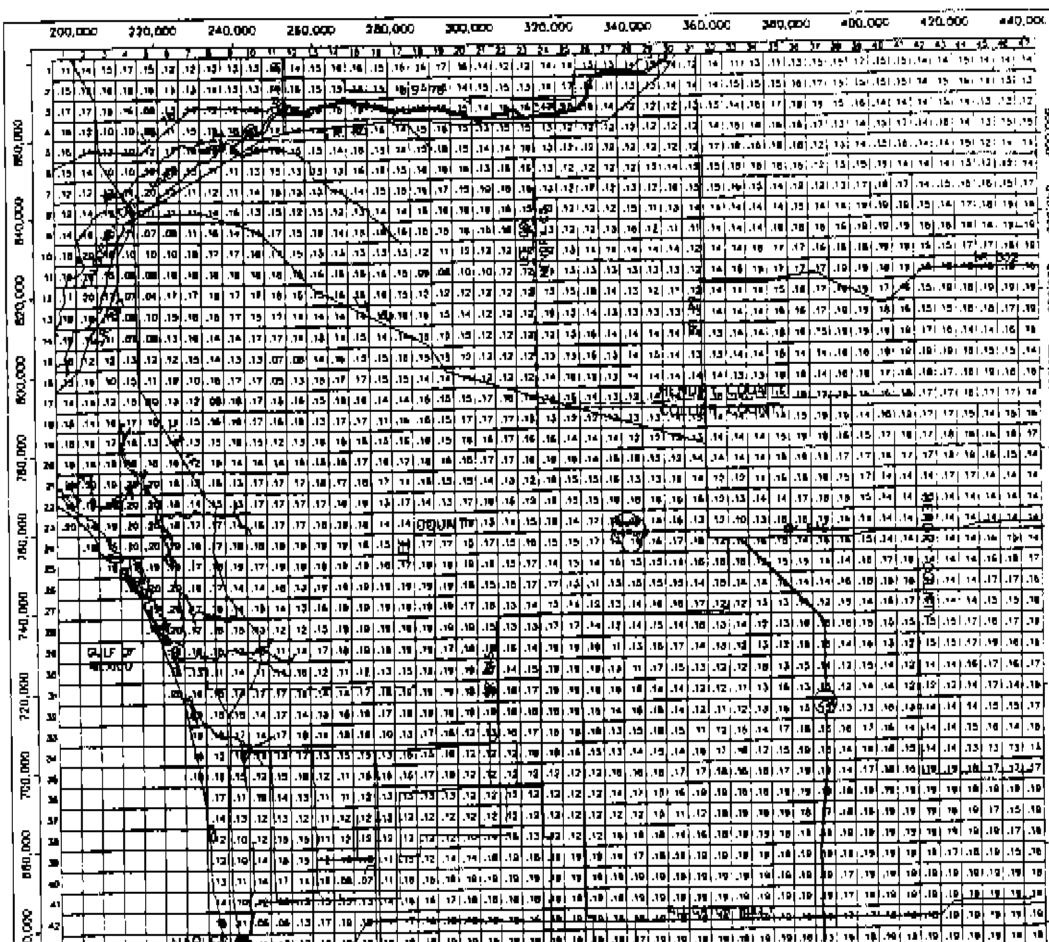

FIGURE E-3. Steady-State Maximum Evapotranspiration Rates

TABLE E-1: S.F.W.M.D. LAND USE AND LAND COVER CLASSIFICATION CODE

LEVEL I	LEVEL II	LEVEL III
(U) Urban and built-up land		
	(UR) Residential	
		(URSL) Single-family, Low Density (under 2 D.U./gross acre)
		(URSM) Single-family, Medium Density (2 to 5 D.U./gross acre)
		(URSH) Single-family, High Density (over 5 D.U./gross acre)
		(URMF) Multi-family building
		(URMH) Mobile homes
	(UC) Commercial and Services	
		(UCPL) Parking lot
		(UCSC) Shopping center
		(UCSS) Sales and services
		(UCCE) Cultural and Entertainment
		(UCMC) Marine commercial (Marinas)
		(UCHM) Hotel-Motel
	(UI) Industrial	
		(UIJK) Junkyard
		(UILT) Other light industrial
		(UIHV) Other heavy industrial
	(US) Institutional	
		(USED) Educational
		(USMD) Medical
		(USRL) Religious
		(USMF) Military
		(USCF) Correctional
		(USGF) Governmental (other than military or correctional)
		(USSS) Social services (Elks, Moose, Eagles)
	(UT) Transportation	
		(UTAP) Airports
		(UTAG) Small grass airports
		(UTRR) Railroad yards and terminals
		(UTPF) Port facilities
		(UTEP) Electrical power facilities
		(UTTL) Major transmission lines
		(UTHW) Major highway and rights-of-way
		(UTWS) Water supply plants
		(UTSP) Sewerage treatment plants
		(UTSW) Solid waste disposal

(UTRS) Antenna arrays
(UTOG) Oil and gas storage

(UO) Open and others

(UORC) Recreational facilities
(UOGC) Golf courses
(UOPK) Parks
(UOCM) Cemeteries
(UORV) Recreational vehicle parks
(UOUD) Open under development
(UOUN) Open and undeveloped within urban area

(A) Agriculture

(AC) Cropland

(ACSC) Sugar cane
(ACTC) Truck crops
(ACRF) Rice fields

(AP) Pasture

(APIM) Improved pasture
(APUN) Unimproved pasture

(AM) Groves, Ornamentals, Nurseries, Tropical fruits

(AMCT) Citrus
(AMTF) Tropical fruits
(AMSF) Sod farms
(AMOR) Ornamentals

(AF) Confined feeding operations

(AFFL) Cattle feed lots
(AFDF) Dairy farms
(AFFF) Fish farms
(AFHT) Horse training and stables
(AFPY) Poultry

(R) Rangeland

(RG) Grassland

(RS) Scrub and brushland

(RSPP) Palmetto prairies
(RSSB) Brushland

(F) Forested uplands

(FE) Coniferous

- (FEPF) Pine flatwoods
- (FESP) Sand pine scrub
- (FECF) Commercial forest (pine)

(FO) Non-coniferous

- (FOAP) Australian pine
- (FOBP) Brazilian pepper
- (FOPA) Palms
- (FOSO) Scrub oak
- (FOOK) Oak
- (FOCF) Commercial forest

(FM) Mixed forested

- (FMTW) Temperate hardwoods
- (FMCM) Cabbage palms/Melaleuca
- (FMCO) Cabbage palms/Oaks
- (FMPM) Pine/Melaleuca
- (FMPO) Pine/Oak
- (FMTH) Tropical hammocks
- (FMOF) Old fields forested
- (FMCD) Coastal dunes
- (FMPC) Pine/Cabbage palms

(W) Wetlands

(WF) Forested fresh

- (WFCM) Cypress/Melaleuca
- (WFCY) Cypress
- (WFWL) Willow
- (WFME) Melaleuca
- (WFSB) Scrub and brushland
- (WFMX) Mixed forested

(WN) Non-forested fresh

- (WNSG) Sawgrass
- (WNCT) Cattail
- (WNBR) Bullrush
- (WNWC) Wire cordgrass
- (WNAG) Mixed aquatic grass
- (WNWL) Sloughs

(WS) Forested salt

- (WSRM) Red mangrove
- (WSBW) Black and White mangrove

(WM) Non-forested salt

(**WX**) Mixed forested and non-forested fresh

(**WXPP**) Pine and wet prairies
(**WXCP**) Cypress domes and wet prairies
(**WXHM**) Hardwood marsh

(H) Water

(B) Barren land

(**BB**) Beaches
(**BP**) Extractive
(strip mines, quarries, and
gravel pits)
(**BS**) Spoil areas
(**BL**) Levees

* Documentation of major codes from "LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM, A TECHNICAL MANUAL", Department of Transportation, State Topographic Office Remote Sensing Center, Kuyper, Becker and Shopmyer, February 1981

TABLE E-2: **Extinction Depths Used in ET Preprocessing**

Land Use Code	Extinction Depth (feet)	Land Use Code	Extinction Depth (feet)	Land Use Code	Extinction Depth (feet)
U	1.0	UOGC	1.0	FOCF	2.0
UR	1.0	UOPK	1.25	FM	2.40
URSL	1.0	UOCM	1.0	FMTW	6.0
URSM	1.0	UORV	1.25	FMCM	1.5
URSH	1.0	UOUD	1.0	FMCO	1.5
URMF	1.0	UOUN	1.25	FMPM	2.0
URMH	1.0	A	1.4	FMPO	3.0
UC	1.0	AC	1.65	FMTH	1.5
UCPL	1.0	ACSC	3.0	FMOF	2.0
UCSC	1.0	ACTC	1.0	FMCD	3.0
UCSS	1.0	ACRF	1.0	FMPC	2.0
UCCE	1.0	AP	2.5	W	2.25
UCMC	1.0	APIM	2.5	WF	3.35
UCHM	1.0	APUN	2.5	WFCM	5.0
UI	1.0	AM	2.25	WFCY	6.0
UIJK	1.0	AMCT	3.0	WFWL	1.0
UILT	1.0	AMTF	3.0	WFME	1.5
UIHV	1.0	AMSF	1.25	WFSB	1.5
US	1.0	AMOR	1.5	WFMX	2.5
USED	1.0	AF	1.0	WN	1.5
USMD	1.0	AFFL	1.0	WNSG	2.5
USRL	1.0	AFDF	1.0	WNCT	2.5
USMF	1.0	AFFF	1.0	WNBR	1.0
USCF	1.0	AFHT	1.0	WNWC	1.0
USGF	1.0	AFPY	1.0	WNAG	1.0
USSS	1.0	R	2.0	WNWL	1.0
UT	1.0	RG	2.0	WS	3.0
UTAP	1.0	RS	2.0	WSRM	3.0
UTAG	1.0	RSPP	2.0	WSBW	3.0
UTRR	1.0	RSSB	2.0	WM	1.25
UTPF	1.0	F	2.30	WX	4.0
UTEP	1.0	FE	2.65	WXPP	2.5
UTTL	1.0	FEPF	2.0	WXCP	4.5
UTHW	1.0	FESP	6.0	WXHM	4.5
UTWS	1.0	FECP	1.0	H	6.0
UTSP	1.0	FO	2.0	B	.50
UTSW	1.0	FOAP	1.0		
UTRS	1.0	FOBP	1.0		
UTOG	1.0	FOPA	1.5		
UO	1.10	FOSO	1.5		
UORC	1.0	FOOK	6.0		

APPENDIX F

WATER USE DATA

INTRODUCTION

Appendix F contains information on individual water use permits issued by the Water Use Division, Regulation Department of the South Florida Water Management District. This information was used to compile the agricultural and landscape irrigation withdrawal file used in the model.

The information is subdivided into three separate spreadsheets and contains water use permits issued through January 1990. The first spreadsheet contains information on the individual water use permits for agricultural and landscape water use within Collier County. The other two spreadsheets contain agricultural and landscape irrigation water use for the six to ten mile buffer zone within adjacent Lee and Hendry counties. A legend for these spreadsheets may be found on the following page.

AN.ALL. = Annual Permitted Allocation
ALL.UNT. = Annual Allocation Units
01 = MGD
02 = MGM
03 = MGY
04 = AC-FT
MAXMO = Maximum Monthly Permitted Allocation
01 = MGD
02 = MGM
03 = AC-FT
CO = County Code (from permit number)
DATE ISS = Date Permit Issued (mo/yr)
USE TYPE = AG,IND,GLF,PWS,COM,REC
SRC = Source (SW,GW, BOTH)
NO.WLS. = Number of ACTIVE permitted wells
SWPMPS = Number of Surface Water Pumps

DEVNO. = Development Number(for projected uses only)
AQ. = Aquifer
01 = Water Table
02 = Surficial (Semi-confined)
03 = Lower Tamiami
04 = Sandstone
05 = mid-Hawthorn
06 = lower Hawthorn
07 = Suwannee
08 = Floridan
09 = Biscayne
CROP TYPE = Blaney-Criddle Code
11 = Alfalfa
12 = Avacado
13 = Citrus
14 = Grapes
15 = Turf
16 = Suger Beet
20 = Pasture
51 = Dry Beans
52 = Green Beans
53 = Grain Corn
54 = Silage Corn
55 = Sweet Corn
56 = Melons
57 = Peas
58 = Potato
59 = Soybeans
60 = Tomato
61 = Small Vegetables
5 or 70 = Nursery
RAINST = Rain Station Code Number
1 = NAPLES
2 = FT. MYERS
3 = WEST PALM BEACH
4 = STUART
5 = FT. LAUDERDALE
6 = KISSIMMEE
7 = MELBOURNE
8 = ORLANDO
9 = TITUSVILLE
10 = FELLSMERE
11 = FT. PIERCE
12 = OKEECHOBEE
13 = AVON PARK
14 = MOORE HAVEN
15 = LABELLE
16 = BELLE GLADE
17 = LOXAHATCHEE
18 = JUPITER
21 = TAMIAMI 4
22 = HOMESTEAD
23 = POMPANO BEACH
24 = INDIANTOWN
25 = HYPOLUXO
26 = BIG CYPRESS
27 = EVERGLADES
28 = HIALEAH
29 = LAKE PLACID
30 = MERRIT ISLAND
31 = VERO BEACH

LOS = Level of Service (leave blank)

STS - Status
- 01 = Existing
- 02 = Proposed
- 03 = Stand By/Backup
- 04 = To Be Plugged

DPTH CODE - Datum for Elevations
- 01 = NGVD
- 02 = Land Surface

PMPINT = Depth to Pump Intake (Wells Only)

PUMP TYPE
- 01 = Centrifical (suction)
- 02 = Lift (turbine, jet, submersible)
- 03 = Unknown

PUMP CAP. - Capacity in GPM (SW & GW Facilities)
- 01 = Unknown

MTR? = Is use Metered by Volume or Power Consumption and Reported to the District?
- Y = Yes
- N = No

YPLNR = North Planar Coordinate

XPLNR = East Planar Coordinate

COLLIER COUNTY MODEL AREA WATER USE INFORMATION-THROUGH 1/89

LINE 1 HEADINGS - Existing Water Use - Permit Information and Table 2 - Forcasted Agricultural Demand for Each Permit)

LINE 2+ HEADINGS - Existing Water Use - Facilities Information for Each Permit)

PERMIT NO.	AN. ALL. / FACILITY NUMBER	** / QUAD NO.	ALL. UNT. / STS	MAX MO. / WELL DIA.	MO. UTS. / DPTH CODE	CO / TD	DATE ISS. / CD	USE TYPE / PMP INT	SRC. / PUMP TYPE	NO. WLS. / PUMP CAP.	SW PMPS / MTR?	OWNER / XPLNR	YPLNR	SRC	AQ	COMMENTS	CROP TYPE	SOIL TYPE	RAIN ST	IRR ACRES	IRR EFF
1100003	116.14		03	42.75	02	11	8/87	AG	GW	2		BERRY GROVES					13	0.8	26	149	0.50
	1100003	190	01		02	175				250		352585	781673	GW	03						
	1100003	190	01		02	175				250		352604	780947	GW	03						
1100007	163.57		03	49.50	02	11	7/77	AG	GW	7		C. A. THOMAS					15	0.8	26	240	0.50
	1100007	191	01		02					300		391886	749868	GW	03						
	1100007	191	01		02					300		390353	749919	GW	03						
	1100007	191	01		02					300		391436	748807	GW	03						
	1100007	191	01		02					300		391943	748299	GW	03						
	1100007	191	01		02					300		392450	747837	GW	03						
	1100007	191	01		02					300		391213	747722	GW	03						
	1100007	191	01		02					300		390312	747128	GW	03						
1100008	103.46		03	14.58	02	11	9/88	LAN	BOTH	2	8	NAPLES BATH AND TENNIS CLUB					15	0.4	1	80	0.75
	1100008-1	217	01	4.00	02	75	40		03	200		246371	680131	GW	03						
	1100008-2	217	01	2.00	02	75	40		03	400		247682	680330	GW	03						
	1100008-SW1	217	01	4.00					01	650		246391	680267	SW	01						
	1100008-SW2	217	01	4.00					01	320		245899	680106	SW	01						
	1100008-SW3	217	01	4.00					01	320		246440	679715	SW	01						
	1100008-SW4	217	01	2.50					01	57		247271	679821	SW	01						
	1100008-SW5	217	01	3.00					01	120		247597	681053	SW	01						
	1100008-SW6	217	01	3.00					01	150		247205	681113	SW	01						
	1100008-SW7	217	01	3.00					01	150		246677	681148	SW	01						
	1100008-SW8	217	01	4.00					01	320		245644	681610	SW	01						
1100019				2.73	02	11	10/88	GLF	GW	1		HIGH POINT COUNTRY CLUB					15	0.4	1	15	0.75
	1100019-1	217	01	6.00	02	15	10		03	500		239027	673957	GW	01						
1100020	94.70		03	65.7	02	11	6/79	LAN	BOTH	6		THE GLADES, INC.					15	0.4	1	245	0.50
	1100020-1	217	01	8.00	02	125			03	700		250157	655175	GW	03						
	1100020-2	217	01	8.00	02	125			03	800		252544	652616	GW	03						
	1100020-3	232	01	9.00	02	60	40		03	800		251409	650224	GW	03						
	1100020-4	'232	01	8.00	02	40			03	700		251385	650812	GW	01						
	1100020-5	232	01	6.00	02	30			03	400		251449	651552	GW	01						
	1100020-6	217	01	8.00	02				03	200		249509	652071	GW	01						
1100024				47.38	02	11	4/87	AG	GW	10		IFAS/UNIVERSITY OF FLORIDA					20	0.8	19	115	0.50
1100024																	13	0.8	19	70	0.85
1100024																	01	0.8	19	60	.50
1100024																					
	1100024-1	190	03	4.00	02	170	150		03	100		356488	773406	GW	01						
	1100024-2	190	03	6.00	02	80	60		03	150		355330	773075	GW	01						

	1100024-3	190	01	8.00	02	100	60		02	650	353732	773903	GW	01					
	1100024-4	190	03	8.00	02	100	60	60	02	500	356805	773723	GW	01					
	1100024-5	190	01	6.00	02	97	60	55	02	150	355995	773402	GW	01					
	1100024-6	190	01	6.00	02	93	60	55	02	150	354866	773899	GW	01					
	1100024-7	190	02	10.00	02	100			03	700	354353	774676	GW	01					
	1100024-8	190	02	10.00	02	100			03	700	354301	775874	GW	01					
	1100024-9	190	02	6.00	02	100			03	150	353039	775153	GW	01					
	1100024-10	190	02	6.00	02	100			03	150	353019	773302	GW	01					
1100027		4.34	03	15.8	02	11	1/78	AG	GW	1	E. J. CURRY				61	0.8	1	20	0.50
	1100027-1	204	01	6.00	02	43	24		03	1000	309795	739149	GW	01					
1100030		50.73	03	21.87	02	11	10/88	GLF	GW	2	HOLE-IN-THE-WALL-GOLF-CLUB				15	0.4	1	120	0.75
	1100030-1	217	01	8.00	02	65	60	20	02	520	240946	676453	GW	03					
	1100030-1A	217	01	3.00	02	65	60	20	02	104	240492	675348	GW	03					
1100032		49.90	03		02	11	1/79	AG	GW	3	THE PINE CO.				61	0.4	1	120	0.50
	1100032-1	202	04	6.00						600	246421	702054	GW	01					
	1100032-2	202	04	6.00						600	246346	704008	GW	01					
	1100032-3	202	04	6.00						600	244369	704030	GW	01					
1100033		1050.00	03	632	02	11	5/78	AG	BOTH	13 1	WILFORD J. PIPER				20	0.8	1	3480	0.50
1100033															61	0.8	1	1000	0.50
	1100033-1	203	01	6.00	02	90			03	250	284651	710858	GW	03					
	1100033-2	203	01	6.00	02	90			03	250	285713	711181	GW	03					
	1100033-3	203	01	6.00	02	90			03	70	289589	712379	GW	03					
	1100033-4	203	03	6.00	02	90			01	150	289588	716271	GW	03					
	1100033-5	203	03	6.00	02	90			03	150	294855	714926	GW	03					
	1100033-6	203	03	6.00	02	90			03	150	291532	710107	GW	03					
	1100033-7	203	01	6.00	02	90			03	70	290882	708753	GW	03					
	1100033-8	203	03	6.00	02	90			03	150	292248	707843	GW	03					
	1100033-9	203	03	6.00	02	90			03	150	279734	710806	GW	03					
	1100033-10	203	01	6.00	02	90			03	150	276512	710033	GW	03					
	1100033-11	203	03	6.00	02	90			03	150	280360	713652	GW	03					
	1100033-12	203	03	6.00	02	90			03	150	280326	714985	GW	03					
	1100033-13	203	03	6.00	02	90			03	150	282261	713690	GW	03					
1100034		84.72	03			11	11/78	AG	GW	7	JOHN E. PRICE, JR.				61	0.8	26	240	0.50
	1100034-1	206	01	8.00	02					1200	392806	721115	GW	03					
	1100034-2	206	01	8.00	02					1200	394899	721149	GW	03					
	1100034-3	206	01	8.00	02					1200	391859	719914	GW	03					
	1100034-4	206	01	8.00	02					1200	393069	719772	GW	03					
	1100034-5	206	01	8.00	02					1200	394404	719770	GW	03					
	1100034-6	206	01	8.00	02					1200	395021	718815	GW	03					
	1100034-7	206	01	8.00	02					1200	379078	735748	GW	03					
1100035		344.68	03	98.91	02	11	1/89	AG	GW	19	JOHN E. PRICE, JR.				61	3.6	26	450	0.50
1100035															13	3.6	26	175	0.50
	1100035-11	206	01	4.00	02	100				400	405012	709836	GW	03					
	1100035	206	03	6.00	02	100				600	393716	710624	GW	03					
	1100035	206	01	6.00	02	100				600	394763	710615	GW	03					
	1100035	206	01	6.00	02	100				600	397601	713205	GW	03					
	1100035	206	01	6.00	02	100				600	399634	713269	GW	03					
	1100035	206	01	6.00	02	100				600	387075	710046	GW	03					
	1100035	206	01	6.00	02	100				600	386944	708086	GW	03					
	1100035	206	01	8.00	02	100				1200	389324	711069	GW	03					

	1100035		206	01	8.00	02	100					1200	390392	709977	GW	03					
	1100035		206	01	8.00	02	100					1200	390547	711118	GW	03					
	1100035		206	03	8.00	02	100					1200	390042	715673	GW	03					
	1100035		206	03	8.00	02	100					1200	402545	699368	GW	03					
	1100035		206	03	8.00	02	100					1200	397737	700809	GW	03					
	1100035		206	03	8.00	02	100					1200	399927	701243	GW	03					
	1100035		206	03	8.00	02	100					1200	400368	698685	GW	03					
	1100035		206	03	8.00	02	100					1200	398111	698518	GW	03					
	1100035		206	01	12.00	02	100					1200	398946	711411	GW	03					
	1100035		206	01	12.00	02	100					1200	399689	712155	GW	03					
	1100035		206	01	12.00	02	100					1200	397378	698547	GW	03					
1100036		136.52		03			11	5/78		AG	GW	11	DAVID C BROWN				13	0.8	26	365	0.85
1100036																	15	0.8	26	253	0.50
	1100036-7		172	01	8.00	02	102					350	347703	789943	GW	03					
	1100036-8		172	01	8.00	02	102					350	349291	789967	GW	03					
	1100036-9		172	01	8.00	02	102					350	350899	790007	GW	03					
	1100036-10		172	01	8.00	02	102					350	351425	788503	GW	03					
	1100036-1		190	01	8.00	02	102					350	348553	785891	GW	03					
	1100036-2		190	01	8.00	02	102					350	350429	786130	GW	03					
	1100036-3		190	01	8.00	02	102					350	351189	786697	GW	03					
	1100036-4		190	01	8.00	02	102					350	349720	786605	GW	03					
	1100036-5		190	01	8.00	02	102					350	347523	786569	GW	03					
	1100036-6		190	01	8.00	02	102					350	347666	787318	GW	03					
	1100036-11		190	02	8.00	02	200					350	347489	787687	GW	04					
1100037		51.80		03			11	5/78		AG	GW	5	H. I. H. GROVES				13	0.8	26	40	0.85
1100037																	15	0.8	26	198	0.50
	1100037-1		224	01	8.00	02	83	65				800 N	526200	691470	GW	03					
	1100037-2		224	01	8.00	02	103	72				800 N	526200	691470	GW	03					
	1100037-3		224	01	8.00	02	83	65				800 N	526200	691470	GW	03					
	1100037-4		224	02	8.00	02	100	65				800 N	526200	691470	GW	03					
	1100037-5		224	02	8.00	02	100	65				800 N	526200	691470	GW	03					
1100039		545.54		03	68.10	02	11			AG	SW		3 MULE PEN QUARRY CORP.				20	0.4	1	280	0.50
	1100039-SW1		203	03							03	1500	276591	706002	SW	01	SEE PERMIT #1100442 FOR WELL LOCATIONS				
	1100039-SW2		203	01							03	1500	275408	706137	SW	01					
	1100039-SW3		203	03							03	1500	274392	705999	SW	01					
1100040		199.00		03	156	02	11	1/82		AG	GW	8	ISABEL COLLIER READ				61	0.4	1	480	0.50
	1100040-4-1		188	01	6.00	02	39	21			01	600	295185	759024	GW	01					
	1100040-4-2		189	01	6.00	02	55	49			01	600	297166	759315	GW	01					
	1100040-4-3		189	01	6.00	02	36	19			01	600	299208	758133	GW	01					
	1100040-4-4		189	01	6.00	02	52	46			01	600	299636	758669	GW	01					
	1100040-4-5		189	01	6.00	02	38	24			01	600	299444	757683	GW	01					
	1100040-4-6		188	01	6.00	02	51	45			01	600	294780	754185	GW	01					
	1100040-4-7		189	02	12.00	02	100	60			02	1400	294720	754350	GW	03					
	1100040-4-8		189	02	12.00	02	100	60			02	1400	295450	759612	GW	03					
1100042				03	200.27	02	11	11/84		AG	GW	37	COLLIER COMPANY - GROVE DIVISION				12	0.8	26	140	0.75
1100042																	13	0.8	26	1080	0.75
	1100042-1		206	01	8.00	02	80	22			03	1000 N	409274	732985	GW	01					
	1100042-2		206	01	8.00	02	80	22			03	1000 N	408556	732966	GW	01					
	1100042-3		206	01	8.00	02	80	22			03	1000 N	407843	732999	GW	01					
	1100042-4		206	01	8.00	02	290	190			03	400 N	408400	733050	GW	04					
	1100042-5		206	01	16.00	02	90	39			02	1500 N	409600	732000	GW	01					

	1100042-6	206	01	8.00	02	75	45		03	1000	N	406400	732000	GW	01					
	1100042-7	206	01	16.00	02	78	18		02	1500	N	409800	730800	GW	01					
	1100042-8	206	01	5.00	02	80	20		03	500	N	408650	730700	GW	01					
	1100042-9	206	01	6.00	02	300	197		03	800	N	407850	730700	GW	04					
	1100042-10	206	01	8.00	02	70	30		03	1000	N	406200	730700	GW	01					
	1100042-11	206	01	8.00	02	300	200		03	500	N	406200	731000	GW	04					
	1100042-12	206	01	8.00	02	60	40		03	1000	N	404200	730600	GW	01					
	1100042-13	206	01	8.00	02	290	240		03	800	N	404200	731000	GW	04					
	1100042-14	206	01	8.00	02	65	50		03	600	N	401200	730600	GW	01					
	1100042-15	206	01	16.00	02	79	32		02	1500	N	409600	729600	GW	01					
	1100042-16	206	01	10.00	02	90	33		03	1000	N	409600	728400	GW	01					
	1100042-17	206	01	10.00	02	90	33		03	1000	N	409600	727800	GW	01					
	1100042-18	206	01	8.00	02	315	212		03	800	N	407900	728300	GW	04					
	1100042-19	206	01	8.00	02	120	44		03	550	N	406500	728300	GW	03					
	1100042-20	206	01	16.00	02	75	20		02	1500	N	411000	727000	GW	01					
	1100042-21	206	01	16.00	02	70	20		02	1500	N	409600	727000	GW	01					
	1100042-22	206	01	6.00	02	75	40		03	900	N	406500	727000	GW	01					
	1100042-23	206	01	8.00	02	80	27		01	1000	N	409600	725300	GW	01					
	1100042-24	206	01	8.00	02	300	200		03	500	N	409600	725600	GW	04					
	1100042-25	206	01	8.00	02	300	200		03	500	N	408150	725600	GW	04					
	1100042-26	206	01	6.00	02	200	100		03	500	N	405500	725600	GW	03					
	1100042-F-1	206	01	10.00	02	90	33		03	1000	N	410150	731950	GW	01					
	1100042-F-2	206	01	10.00	02	90	33		03	1000	N	410150	731400	GW	01					
	1100042-F-3	206	01	10.00	02	90	33		03	1000	N	410400	730800	GW	01					
	1100042-F-4	206	01	10.00	02	90	33		03	1000	N	410400	730000	GW	01					
	1100042-F-5	206	01	10.00	02	90	33		03	1000	N	410400	729400	GW	01					
	1100042-F-6	206	01	10.00	02	90	33		03	1000	N	410400	728600	GW	01					
	1100042-F-7	206	01	13.00	02	45	28		02	1250	N	406900	732700	GW	01					
	1100042-F-8	206	01	13.00	02	53	25		02	1250	N	407800	732700	GW	01					
	1100042-F-9	206	01	13.00	02	53	34		02	1250	N	406800	732700	GW	01					
	1100042-F-10	206	01	13.00	02	55	32		02	1250	N	409400	732700	GW	01					
	1100042-F-11	206	01	13.00	02	46	39		02	1250	N	410100	732700	GW	01					
1100043	152.70		03	25.62	02	11	12/89	AG	BOTH	3	1	LELY DEVELOPMENT CORP.				61	0.4	1	62	0.50
1100043																70	0.4	1	74	0.20
	1100043-1	233	01	8.00	02	50	45	40	01	800		257509	640459	GW	01					
	1100043-2	233	01	8.00	02	50	45	40	01	800		256696	640049	GW	01					
	1100043-3	233	01	8.00	02	50	45	40	01	800		258071	639988	GW	01					
	1100043-SW1	233	01					2	01	200		256110	639192	SW	01					
1100044	419.00		03	59.10	02	11	2/89	GLF	BOTH	10	4	LELY ESTATES, INC.				15	0.4	1	324	0.75
	1100044-1	233	02	10.00	02	30	20	20	02	500		272505	639466	GW	01					
	1100044-2	233	02	10.00	02	30	20	20	02	500		270279	639941	GW	01					
	1100044-3	233	02	10.00	02	30	20	20	02	500		269888	639645	GW	01					
	1100044-4	233	02	10.00	02	30	20	20	02	500		267949	638413	GW	01					
	1100044-5	233	02	10.00	02	30	20	20	02	500		267143	642218	GW	01					
	1100044-6	233	02	10.00	02	30	20	20	02	500		269000	633374	GW	01					
	1100044-7	233	02	10.00	02	30	20	20	02	500		270269	637085	GW	01					
	1100044-8	233	02	10.00	02	30	20	20	02	500		266773	640367	GW	01					
	1100044-9	233	02	10.00	02	30	20	20	02	500		272050	641555	GW	01					
	1100044-10	233	02	10.00	02	30	20	20	02	500		265107	638148	GW	01					
	1100044-SW1	233	02						02	2000		270039	639892	SW	01					
	1100044-SW2	233	02						02	750		272287	639305	SW	01					
	1100044-SW3	233	02						02	750		268106	638147	SW	01					
	1100044-SW4	233	02						02	750		267551	642161	SW	01					

1100045		95.60	03	85.60	02	11	7/78	GLF	SW	4		ROYAL POINCIANA GOLF CLUB					15	0.4	1	312	0.75
	1100045-SW1		217 01						03	600		243446	678542	SW	01	WITHDRAWALS FROM MAN-MADE LAKE					
	1100045-SW2		217 01						03	600		244987	676005	SW	01						
	1100045-SW3		217 01						03	600		244759	675836	SW	01						
	1100045-SW4		217 01						03	400		243929	675083	SW	01						
1100050				11.40	02	11	7/79	LAN	SW	2		US HOME CORP.									
	1100050-SW3		232 01						03	460		253298	650779	SW	01						
	1100050-SW4		232 01						03	460		253249	649126	SW	01						
1100052		603.00	03	111.9	02	11	6/89	LAN	GW	7		PELICAN BAY IMPROVEMENT DISTRICT					15	0.4	1	614	0.75
	1100052-1		202 01	10.00	02	100	50		01	300		253223	705838	GW	03						
	1100052-2		202 01	10.00	02	100	50		01	300		253234	706479	GW	03	SUPPLY WELLFIELD, CONVERTED					
	1100052-3		202 01	10.00	02	100	50		01	300		253217	707123	GW	03	TO IRRIGATION FOR LANDSCAPE					
	1100052-4		202 01	10.00	02	100	50		01	300		253221	707928	GW	03	& GOLF COURSE. POTABLE					
	1100052-5		202 01	10.00	02	100	50		01	300		253280	708376	GW	03	WATER PRESENTLY SUPPLIED BY					
	1100052-6		202 01	10.00	02	100	50		01	300		253247	708973	GW	03	COLLIER CO. UTILITIES					
	1100052-7		202 01	10.00	02	100	50		01	350		253242	709522	GW	03						
1100053		21.10	03	21.60	02	11	2/79	GLF	GW	1		RIVIERA GOLF CLUB					15	0.4	1	85	0.75
	1100053-1		233 01	10.00	02	80	80		02	850		258463	649313	GW	03						
1100054		8.69	03	10.40	02	11	7/78	GLF	GW	4		MOORING GOLF CLUB OF NAPLES					15	0.4	1	38	0.75
	1100054-1		217 01	2.00	02	52			03	50		236736	671293	GW	01						
	1100054-2		217 01	2.00	02	31			03	50		236788	671261	GW	01						
	1100054-3		217 01	2.00	02	37			03	50		236725	671221	GW	01						
	1100054-4		217 01	4.00	02	45			03	350		236737	671141	GW	01						
1100055			03	132.83		11	10/86	AG	GW	9		JACK W. JOHNSON JR.					60	0.8	2	540	0.50
	1100055-1		189 03	8.00	02	60	40	21	01	1000		330549	749471	GW	01						
	1100055-2		189 01	8.00	02	60	40	22	01	1000		330137	746682	GW	01						
	1100055-3		189 01	8.00	02	60	40	21	01	1000		329757	748558	GW	01						
	1100055-4		189 01	8.00	02	60	40	22	01	1000		328644	745259	GW	01						
	1100055-5		189 01	10.00	02	60	40	22	01	1500		328632	746143	GW	01						
	1100055-6		189 01	10.00	02	60	40	22	01	1500		328514	746888	GW	01						
	1100055-7		189 01	8.00	02	60	40	22	01	1000		327436	745306	GW	01						
	1100055-8		189 01	10.00	02	60	40	21	01	1500		331249	749384	GW	01						
	1100055-9		189 02	10.00	02	60	40	22	01	1500		330178	745914	GW	01						
1100056		34.86	03			11	7/78	AG	GW	7		E.L. JOHNSON, JR.					15	0.8	15	155	0.50
	1100056-1		190 01	8.00	02	200				1200		356360	777272	GW	04						
	1100056-2		190 01	6.00	02	200				1200		356881	778562	GW	04						
	1100056-3		190 01	6.00	02	200				1200		357221	778802	GW	04						
	1100056-4		190 01	6.00	02	200				1200		357606	779347	GW	04						
	1100056-5		190 01	8.00	02	200				1200		357514	776739	GW	04						
	1100056-6		190 01	8.00	02	200				1200		356877	776731	GW	04						
	1100056-7		190 01	6.00	02	200				1200		355959	778958	GW	04						
1100057		155.19	03	21.87	02	11	10/80	GLF	GW	3		WILDNESS COUNTRY CLUB					15	0.4	1	120	0.75
	1100057-1		217 01	8.00	02	70			01	450		241257	670994	GW	03						
	1100057-2		217 01	8.00	02	70			01	450		241232	673250	GW	03						
	1100057-3		217 01	8.00	02	70			01	450		241936	671511	GW	03						
1100058		222.60	03	68.10	02	11	1/82	GLF	BOTH	5	7	IMPERIAL GOLF CLUB INC.					15	0.8	1	260	0.50
	1100058-1		202 01	3.00	02	65	63		03	200	03	245399	712032	GW	03						
	1100058-2		202 01	3.00	02	75	72		03	200	03	245418	711908	GW	03						

	1100058-3	202	01	3.00	02	80	78		03	200	03	245410	711796	GW	03	PUMP #1-4 ARE @ PUMP STATION #1					
	1100058-4	202	01	8.00	02	85	65		03	600	03	242716	711234	GW	03	PUMPS #5-7 ARE @ PUMP STATION #2					
	1100058-SW1	202	01						03	100		245660	712167	SW	01						
	1100058-SW2	202	01						03	400		242841	711325	SW	01						
	1100058-SW3	202	01						03	500		242841	711330	SW	01						
	1100058-SW4	202	01						03	600		242841	711335	SW	01						
	1100058-SW5	202	01						03	500		242841	711340	SW	01						
	1100058-SW6	202	01						03	500		242841	711345	SW	01						
	1100058-SW7	202	01						03	150		242841	711350	SW	01						
1100063		23.70	03	29.3	02	11	9/78	GLF	BOTH	5		NAPLES GOLF AND BEACH CLUB					15	0.4	1	107	0.50
	1100063-1	217	01	4.00	02	80	78		03	750		236642	664269	GW	03						
	1100063-2	217	01	6.00	02	80	78		03	750		236838	664494	GW	03						
	1100063-3	217	01	6.00	02	80	78		03	750		236842	664510	GW	03						
	1100063-4	217	01	6.00	02	80	78		03	750		236825	664605	GW	03						
	1100063-5	217	01	8.00	02	80	78		03	750		236801	664809	GW	03						
	1100063-SW1	217	01	8.00	02				03	1200		236981	664512	GW	03						
1100064		25.90	03	31.50	02	11	9/78	GLF	BOTH	3		THE COUNTRY CLUB OF NAPLES					15	0.4	1	115	0.75
	1100064-1	217	01	8.00	02	81			03	1050		241722	680454	GW	03						
	1100064-2	217	01	6.00	02	56			03	200		241919	680055	GW	03						
	1100064-3	217	01	8.00	02	73			03	1050		242446	680508	GW	03						
110067		3.26	03	5.70	02	11	9/78	AG	GW	1		RAY SMITH					61	0.4	1	10	0.50
	1100067-1	233	01	6.00	02	40	40		03	600		261488	635560	GW	01						
1100068		21.73	03			11	10/78	AG	GW	3		CARROLL & RENEE ROLLINS					13	0.8	15	50	0.80
1100068																	13	0.8	15	50	0.50
	1100068-1	190	01	6.00	02	240	190		03	250		352703	784959	GW	04						
	1100068-5	190	01	8.00	02	65			03	350		354109	785019	GW	03						
	1100068-6	190	02	6.00	02				03	350		352623	787419	GW	03						
1100069		116.00	03	173.0	02	11	10/78	AG	GW	4		RAY SMITH					60	0.4	1	200	0.50
	1100069-1	218	01	8.00	02	140	40		03	1000		290842	673380	GW	03						
	1100069-2	218	01	8.00	02	140	40		03	1000		292642	674434	GW	03						
	1100069-3	218	01	8.00	02	140	40		03	1000		292636	675042	GW	03						
	1100069-4	218	01	8.00	02	140	40		03	1000		292674	675694	GW	03						
1100070		13.90	03	20.80	02	11	10/78	AG	GW	2		MANATEE FRUIT CO.									
	1100070-1	202	03	8.00	02				03	800		251972	703342	GW	03		60	0.4	1	24	0.50
	1100070-2	202	01	8.00	02				03	800		252401	703408	GW	03						
1100071		135.00	03	181	02	11	11/78	AG	GW	5		MANATEE FRUIT CO.					60	0.4	1	233	0.50
	1100071-1	202	01	10.00	02				03	1200		245952	697507	GW	03						
	1100071-2	202	01	8.00	02				03	1000		245060	697640	GW	03						
	1100071-3	202	01	8.00	02				03	1000		242540	698862	GW	03						
	1100071-4	217	01	8.00	02				03	1000		245665	695509	GW	03						
	1100071-5	217	01	8.00	02				03	1000		244286	695098	GW	03						
1100072		20.60	03	7.58	02	11	10/78	AG	GW	5		JAMES FRITCHEY					61	0.4	1	30	0.50
	1100072-1	233	01	8.00	02				03	1000		289437	623589	GW	01						
	1100072-2	233	02	8.00	02				03	1000		290332	622855	GW	01						
	1100072-3	233	03	8.00	02				03	1000		289308	621859	GW	01						
	1100072-4	233	03	8.00	02				03	1000		289501	624588	GW	01						
	1100072-5	233	03	8.00	02				03	1000		288145	624573	GW	01						

1100073	20.40		03	11.40	02		11/78 REC	GW	1		G. CLIFFORD SMITH				15	0.4	1	45	0.50
	1100073-1	233	02	6.00	02	30	30	03	600		272193	626865	GW	01					
1100074	87.30		02	163	02	11	7/80 AG	BOTH	9	1	MELVIN CECIL HALL				61	0.8	1	210	0.50
	1100074-1	202	03	8.00	02	30		03	800		253654	714917	GW	01					
	1100074-2	202	03	8.00	02	30		03	800		253837	714719	GW	01					
	1100074-3	203	03	6.00	02	30		03	800		255006	714979	GW	01					
	1100074-4	203	04	10.00	02	30		03	800		255350	714745	GW	01					
	1100074-5	203	01	8.00	02	30		03	800		255989	716151	GW	01					
	1100074-6	203	01	8.00	02	30		03	800		255958	715472	GW	01					
	1100074-7	203	01	8.00	02	30		03	800		255927	714528	GW	01					
	1100074-8	203	01	8.00	02	30		03	800		255749	713699	GW	01					
	1100074-9	203	03	8.00	02	30		03	800		258176	713603	GW	01					
	1100074-SW1	203	02					03	6000		256134	712036	SW	01					
1100076	1337.42		02	8.87	02	11	AG	GW	40	5	SIX L'S FARM				61	0.4	1	400	0.50
1100076															61	0.4	1	1200	0.50
	1100076-8-1	233	03	8.00	02	65	40	03	500		293798	620273	GW	03					
	1100076-8-2	233	01	8.00	02	65	40	01	500		293749	619133	GW	03					
	1100076-8-3	233	03	8.00	02	45	40	03	500		293933	622935	GW	01					
	1100076-8-4	233	03	8.00	02	85	85	03	500		293829	623598	GW	03					
	1100076-8-5	233	01	8.00	02	65	60	01	500		294403	624195	GW	03					
	1100076-8-6	234	01	8.00	02	60	60	01	500		295575	624116	GW	03					
	1100076-8-7	234	01	16.00	02	65	60	01	1400		295179	621485	GW	03					
	1100076-9-1	234	03	8.00	02	60	60	03	500		296452	623964	GW	03					
	1100076-9-2	234	03	8.00	02	65	60	03	500		298275	624076	GW	03					
	1100076-9-3	234	01	16.00	02	45	40	01	1400		297073	623016	GW	01					
	1100076-9-4	234	01	16.00	02	43	40	01	1400		298283	623035	GW	01					
	1100076-9-5	234	03	8.00	02	80	40	03	500		299516	622809	GW	03					
	1100076-9-6	234	03	8.00	02	85	40	03	500		300885	622294	GW	03					
	1100076-9-7	234	01	8.00	02	65	60	01	2000		299528	621887	GW	03					
	1100076-9-8	234	01	16.00	02	65	60	01	2000		297836	621650	GW	03					
	1100076-9-9	234	03	8.00	02	86	50	03	1400		297095	621641	GW	03					
	1100076-9-10	234	03	8.00	02	85	85	03	500		296161	621589	GW	03					
	1100076-9-12	234	03	8.00	02	45	40	01	500		297939	619373	GW	01					
	1100076-15-1	233	01	8.00	02	85	85	03	500		297985	619278	GW	03					
	1100076-15-2	234	03	8.00	02	90	60	03	500		301213	615657	GW	03					
	1100076-15-3	234	01	10.00	02	95	40	01	500		302488	614958	GW	03					
	1100076-15-4	234	01	16.00	02	95	40	01	800		303795	614948	GW	03					
	1100076-15-5	234	01	16.00	02	95	40	01	800		303190	616999	GW	03					
	1100076-17-1	234	01	16.00	02	31	30	01	2000		295504	616991	GW	01					
	1100076-17-2	234	03	8.00	02	35	30	03	500		295444	616134	GW	01					
	1100076-17-3	234	01	8.00	02	50	30	01	500		295545	615284	GW	01					
	1100076-17-4	234	03	8.00	02	45	30	03	500		295536	614058	GW	01					
	1100076-20-1	234	01	8.00	02	42	30	01	500		295472	613168	GW	01					
	1100076-20-2	234	03	8.00	02	42	33	03	500		295512	612195	GW	01					
	1100076-21-1	234	03	8.00	02	42	30	03	500		296363	612708	GW	01					
	1100076-21-2	234	03	8.00	02	45	40	03	500		296830	613038	GW	01					
	1100076-21-3	234	03	8.00	02	40	30	03	500		297723	613075	GW	01					
	1100076-21-4	234	03	8.00	02	32	30	03	500		298770	613150	GW	01					
	1100076-21-5	234	03	8.00	02	60	50	03	500		300445	613175	GW	01					
	1100076-21-6	234	03	8.00	02	60	50	03	500		300484	612867	GW	01					
	1100076-21-7	234	01	8.00	02	55	50	01	500		300776	612781	GW	01					
	1100076-21-8	233	01	8.00	02	31	20	01	500		300897	612784	GW	01					
	1100076-21-9	234	03	8.00	02	50	20	03	500		296085	608417	GW	01					
	1100076-21-10	234	03	8.00	02	50	20	03	500		298566	608619	GW	01					

	1100076-22 2	234	01	16.00	02	95	42		01	2000	303613	611811	GW	03					
	1100076-15-SW5	234	01	18.00					02	6000	302310	618390	SW	01					
	1100076-15-SW6	234	01	18.00					02	6000	303830	618345	SW	01					
	1100076-15-SW7	234	01	18.00					02	6000	305399	618372	SW	01					
	1100076-9-SW5	234	01	18.00					02	6000	297369	624216	SW	01					
	1100076-21-SW5	234	01	18.00					02	6000	298110	613018	SW	01					
1100077	203.41		03	1.76	02	11	12/86	AG	GW	6	DOUGLAS & MERCY BATHAY				60	0.4	1	200	0.50
	1100077-1	233	01	8.00	02	40	20	5	01	600	261082	633725	GW	01					
	1100077-2	233	01	8.00	02	40	20	5	01	600	261530	633012	GW	01					
	1100077-3	233	01	4.00	02	40	20	5	01	600	262399	633489	GW	01					
	1100077-4	233	01	8.00	02	40	20	5	01	600	262658	633102	GW	01					
	1100077-5	233	01	8.00	02	40	20	5	01	800	262542	632052	GW	01					
	1100077-6	233	01	8.00	02	40	20	5	01	600	262575	632095	GW	01					
1100079	769.67		03	5.10	02	11	2/90	AG	BOTH	8	5 WEST FLA. AGRO, LTD				61	0.4	1	826	0.50
	1100079-1	233	01	16.00	02	77	30	60	01	900	290465	629744	GW	03					
	1100079-2	233	01	16.00	02	90	30	60	01	900	291714	629766	GW	03					
	1100079-3	233	01	16.00	02	107	30	60	01	1800	289973	628275	GW	03					
	1100079-4	233	01	16.00	02	90	60	60	01	2000	289748	626059	GW	03					
	1100079-5	233	01	16.00	02	90	30	30	01	1500	292703	627753	GW	03					
	1100079-6	233	01	16.00	02	90	30	30	01	1200	287848	626019	GW	03					
	1100079-7	233	01	16.00	02	80	25	60	01	900	291385	629088	GW	03					
	1100079-8	233	01	8.00	02	80	35	60	01	500	289758	626872	GW	03					
	1100079-SW1	233	01	24.00					02	3000	294079	628890	SW	01					
	1100079-SW2	233	01	24.00					02	3000	292548	625910	SW	01					
	1100079-SW3	233	01	24.00					02	3000	293644	629760	SW	01					
	1100079-SW4	233	01	24.00					02	3000	292467	628247	SW	01					
	1100079-SW5	233	01	24.00					02	3000	290068	629109	SW	01					
1100081	8.70		02			11	12/78	AG	GW	1	SAM E. HEATH				13	0.8	15	40	0.50
	1100081-1	190	01	8.00	02	135				500	353532	783629	GW	03					
1100082	1950.00		03			11	12/78	AG	GW	16	GEORGE FORTSON				15	0.8	15	1100	0.50
	1100082-1	190	01	8.00	02					500	346758	770206	GW	03					
	1100082-2	190	03	6.00	02					600	344824	770858	GW	03					
	1100082-3	190	03	8.00	02					600	343428	770831	GW	03					
	1100082-4	190	03	8.00	02					600	342376	770264	GW	03					
	1100082-5	190	03	8.00	02					600	343596	768807	GW	03					
	1100082-6	190	03	8.00	02					600	336589	770091	GW	03					
	1100082-7	189	03	6.00	02					500	336548	769874	GW	03					
	1100082-8	189	03	8.00	02					600	334836	768407	GW	03					
	1100082-9	189	01	6.00	02					600	334160	767738	GW	03					
	1100082-10	189	01	6.00	02					600	333640	769734	GW	03					
	1100082-11	189	01	6.00	02					600	333083	769773	GW	03					
	1100082-12	189	03	6.00	02					600	332522	767955	GW	03					
	1100082-13	189	03	6.00	02					600	332684	767183	GW	03					
	1100082-14	189	03	6.00	02					600	331690	769695	GW	03					
	1100082-15	189	03	10.00	02					800	331289	766137	GW	03					
	1100082-16	189	03	10.00	02					600	331282	765494	GW	03					
1100083	8.70		03			11	12/78	AG	GW	1	WILLIARD DURRANCE				13	0.8	15	40	0.50
	1100083-1	190	01	8.00	02	84				500	355603	783181	GW	01					
1100084	6952.00		03	1176.89	02	11	12/86	AG	GW	116	HELLER (RANCH 1 CITRUS DEV.)				15	0.4	19	6952	0.85
	1100084-1-3	205	01	12.00					03	1000	374619	728537	GW	01					

	1100100		191	01		02	22				700	397999	753152	GW	01					
	1100100		191	01		02	15				700	403716	754712	GW	01					
	1100100		191	01		02	31				700	404695	752173	GW	01					
	1100100		191	01		02	37				700	407314	752923	GW	01					
	1100100		191	01		02	34				700	384104	749417	GW	01					
	1100100		191	01		02	25				700	381033	748575	GW	01					
	1100100		191	01		02	54				700	381212	748088	GW	01					
	1100100		191	01		02	71				700	382741	746289	GW	01					
	1100100		191	01		02	32				700	384363	749942	GW	01					
	1100100		191	01		02					700	384062	748575	GW	01					
	1100100		191	01		02	30				700	384075	748077	GW	01					
1100101					65.00	02	11	3/82	AG	GW	2	THE COLLIER COMPANY				61	0.8	26	146	0.50
1100101																15	0.8	26	1104	0.50
	1100101-1		221	01		02					600	390737	682203	GW	01					
	1100101-2		221	01		02					900	387520	684843	GW	01					
1100102		1596.56		03			11	1/79	AG	GW	35	THE COLLIER COMPANY				61	3.6	15	2157	0.50
1100102																20	3.6	15	1500	0.50
	1100102-5-1		206	01	9.00	02					900	386745	728835	GW	01					
	1100102-5-2		206	01	9.00	02					900	386754	727863	GW	01					
	1100102-5-3		206	01	9.00	02					900	386849	726838	GW	01					
	1100102-5-4		206	01	9.00	02					900	386039	725902	GW	01					
	1100102-5-5		206	01	9.00	02					900	386912	724188	GW	01					
	1100102-5-6		206	01	8.00	02					800	384913	724383	GW	01					
	1100102-5-7		206	01	8.00	02					800	389620	726478	GW	01					
	1100102-5-8		206	01	10.00	02					1000	389587	725111	GW	01					
	1100102-6-1		206	01	10.00	02					1000	379627	728417	GW	01					
	1100102-6-2		206	01	9.00	02					900	380187	726077	GW	01					
	1100102-6-3		206	01	9.00	02					900	380703	726386	GW	01					
	1100102-6-4		206	01	9.00	02					900	383478	726344	GW	01					
	1100102-6-5		206	01	8.00	02					800	379568	723855	GW	01					
	1100102-7-1		206	01	9.00	02					900	379578	723488	GW	01					
	1100102-7-2		206	01	9.00	02					900	381540	723528	GW	01					
	1100102-7-3		206	01	8.00	02					800	382368	723512	GW	01					
	1100102-7-4		206	01	9.00	02					900	384255	723524	GW	01					
	1100102-7-5		206	01	8.00	02					800	384238	722407	GW	01					
	1100102-7-6		206	01	8.00	02					800	381466	721750	GW	01					
	1100102-7-7		206	01	9.00	02					900	381539	721174	GW	01					
	1100102-7-8		206	01	8.00	02					800	384635	721266	GW	01					
	1100102-7-9		206	01	6.00	02					600	382321	720908	GW	01					
	1100102-7-10		206	01	6.00	02					600	382292	720306	GW	01					
	1100102-7-11		206	01	6.00	02					600	380735	719890	GW	01					
	1100102-7-12		206	01	8.00	02					800	380162	718587	GW	01					
	1100102-11-1		206	01	6.00	02					600	406057	719990	GW	01					
	1100102-12-1		206	01	8.00	02					800	410973	719225	GW	01					
	1100102-12-2		206	01	6.00	02	56				600	406799	722595	GW	01					
	1100102-12-3		206	01	7.00	02	52				700	407516	722186	GW	01					
	1100102-18-1		206	01	6.00	02					600	380995	718027	GW	01					
	1100102-18-2		206	01	6.00	02					600	382174	718037	GW	01					
	1100102-18-3		206	01	6.00	02					600	383057	716648	GW	01					
	1100102-18-4		206	01	8.00	02					800	382952	715850	GW	01					
	1100102-18-5		206	01	8.00	02					800	380074	715919	GW	01					
	1100102-18-6		206	01	6.00	02					600	379826	714053	GW	01					
1100103		148.17		03	62.50	02	11	5/84	AG	GW	9	BARRON COLLIER/SILVER STRAND				61	8.8	1	380	0.50

	1100103-1	205	01	8.00	02				01	800	375141	739089	GW	01						
	1100103-2	205	01	8.00	02				01	800	375099	738164	GW	01						
	1100103-3	205	01	9.00	02				01	900	374481	736814	GW	01						
	1100103-4	205	01	9.00	02				03	900	375026	736826	GW	01						
	1100103-5	205	01	8.00	02				03	800	376409	736877	GW	01						
	1100103-6	205	01	6.00	02				03	600	376850	736369	GW	01						
	1100103-7	206	01	6.00	02				03	600	378809	735648	GW	01						
	1100103-8	206	01	6.00	02				03	600	377758	735193	GW	01						
	1100103-9	206	01	6.00	02				03	600	377445	734536	GW	01						
1100104	84.00		03	26.20	02	11	1/79	LAN	SW		3 MARCO ISLAND UTILITIES					15	0.4	1	741	0.75
	1100104-SW1	233	01						02	2200	272197	630164	SW	01	SW PUMPS SAME AS					
	1100104-SW2	233	01						02	2200	272197	630174	SW	01	PERMIT 11-00080 PWS					
	1100104-SW3	233	01						02	2400	272197	630184	SW	01						
1100105	1171.38		03	210.54	02	11	1/79	AG	GW	6	COLLIER DEVELOPMENT CORPERATION					61	0.8	15	338	0.50
1100105																15	0.8	15	864	0.50
	1100105	190	01		02					800	357691	771393	GW	03						
	1100105	190	01		02					800	357789	772541	GW	03						
	1100105-D4	190	01		02	185	135			800	365750	783300	GW	03						
	1100105-D6	190	01		02	190	130			800	370400	786600	GW	03						
	1100105-D7	190	01		02	190	130			800	365750	781400	GW	03						
	1100105-D8	190	01		02	190	130			800	368400	780900	GW	03						
1100106	2710.00		03	2740.0	02	11	1/79	AG	BOTH	42	THE COLLIER CO					61	3.6	1	4458	0.50
	1100106-1-1	220	01	8.00					03	800	343827	695829	GW	01	ALL WELLS ARE PUMPING FROM THE					
	1100106-1-2	220	01	8.00					03	800	342691	695725	GW	01	SHALLOW AQUIFER(WATER-TABLE)					
	1100106-1-3	220	01	6.00					03	800	347085	694238	GW	01						
	1100106-1-4	220	01	8.00					03	800	342833	693909	GW	01						
	1100106-1-5	220	01	8.00					03	800	343159	693364	GW	01						
	1100106-1-6	220	01	8.00					03	800	345070	693290	GW	01						
	1100106-1-7	220	01	8.00					03	800	345695	692600	GW	01						
	1100106-1-8	220	01	8.00					03	800	345078	691986	GW	01						
	1100106-2-1	220	01	16.00	02	123	81		01	1000	347193	690843	GW	03						
	1100106-2-2	220	01	10.00	02	71	60		01	1000	341111	694367	GW	01						
	1100106-2-3	220	01	12.00	02	120	70		02	1400	341125	693747	GW	03						
	1100106-2-4	220	01	12.00	02	120	70		02	1400	341089	692795	GW	03						
	1100106-2-5	220	02	12.00	02	120	70		02	1400	338432	692023	GW	03						
	1100106-3-1	219	01	9.00	02	115	70		01	900	334410	693480	GW	03						
	1100106-3-2	220	01	9.00	02	120	68		01	900	336220	692807	GW	03						
	1100106-3-3	219	01	9.00	02	119	71		01	900	334411	691358	GW	03						
	1100106-3-4	219	01	16.00	02	92	75		01	1000	334382	690952	GW	03						
	1100106-10-1	219	01	8.00	02	74	20		01	800	335800	690363	GW	01						
	1100106-11-1	220	01	16.00	02	92	81		01	1000	339931	689688	GW	03						
	1100106-11-2	220	01	16.00	02	83	76		01	1000	338583	689525	GW	03						
	1100106-11-3	220	01	8.00	02	81	48		01	800	337417	688793	GW	01						
	1100106-11-4	220	01	12.00	02	100	70		02	1400	340910	687074	GW	01						
	1100106-11-5	220	02	12.00	02	120	70		02	1400	340505	688402	GW	01						
	1100106-12-1	220	01	9.00					03	900	345141	689446	GW	03						
	1100106-12-2	220	01	9.00					03	900	346200	689447	GW	03						
	1100106-12-3	220	01	9.00					03	900	345754	688816	GW	03						
	1100106-12-4	220	01	9.00					03	900	345772	688033	GW	03						
	1100106-12-5	220	01	9.00					03	900	345787	686721	GW	03						
	1100106-12-6	220	01	9.00					03	900	346339	686727	GW	03						
	1100106-13-1	220	01	10.00					03	1000	345086	685268	GW	03						

	1100106-13-2	220	01	10.00					03	900	345754	685265	GW	03					
	1100106-13-3	220	01	9.00					03	900	347121	684009	GW	03					
	1100106-13-4	220	01	9.00					03	900	346452	683407	GW	03					
	1100106-13-5	220	01	9.00					03	900	347033	682842	GW	03					
	1100106-13-6	220	01	9.00					03	800	346417	682816	GW	03					
	1100106-13-7	220	01	8.00					03	900	345102	682832	GW	03					
	1100106-14-1	220	01	8.00					03	900	342263	685301	GW	03					
	1100106-14-2	220	01	8.00					03	800	341435	685332	GW	03					
	1100106-14-3	220	01	9.00					03	900	339832	684238	GW	03					
	1100106-14-4	220	01	10.00					03	1000	337420	682903	GW	03					
	1100106-14-5	220	01	10.00					03	1000	337555	682698	GW	03					
	1100106-14-6	220	01	8.00					03	800	339791	682867	GW	03					
	1100106-14-7	220	01	8.00					03	800	342278	682742	GW	03					
	1100106-22-1	220	02	12.00	02	120	78		02	1400	342354	682497	GW	01					
1100107				32.58	02	11	8/86	AG	GW	15	BARRON COLLIER				61	0.8	26	160	0.50
	1100107-1	191	01		02	20			01	800	391904	768663	GW	01					
	1100107-2	191	01		02	24			01	800	392614	763306	GW	01					
	1100107-3	191	01		02	21			01	800	393391	761761	GW	01					
	1100107-4	191	01		02	84			01	600	394255	762027	GW	01					
	1100107 5	191	01		02	17			01	800	397075	764295	GW	01					
	1100107-6	191	01		02				01	800	404781	763681	GW	01					
	1100107-7	191	01		02				01	800	404864	764717	GW	01					
	1100107-8	191	01		02	67			01	800	403195	765111	GW	01					
	1100107-9	191	01		02				01	800	403212	765667	GW	01					
	1100107-10	191	01		02				01	800	402186	765819	GW	01					
	1100107-11	191	01		02	65			01	800	403067	763371	GW	01					
	1100107-12	191	01		02	47			01	800	401460	762481	GW	01					
	1100107-13	191	01		02	47			01	800	402158	761771	GW	01					
	1100107-14	191	01		02	51			01	600	407450	761272	GW	01					
	1100107-15	191	01		02				01	600	410096	761974	GW	01					
1100108		196.80	03			11		AG	GW	4	COLLIER DEVELOPMENT CORP.				61	0.8	26	354	0.50
1100108															15	0.8	26	200	0.50
	1100108-8-1	206	01	9.00	02	40	30		01	900	385179	722336	GW	01					
	1100108-8-2	206	01	6.00	02	80	70		01	600	386403	720631	GW	03					
	1100108-8-3	206	01	6.00	02	80	70		01	600	386428	719427	GW	03					
	1100108-17-1	206	01	9.00	02	40	30		01	900	385252	716691	GW	01					
1100111		28998.13	03	471.91	01	11	3/89	AG	GW	80	BARRON COLLIER (SILVER STRAND)				61	0.4	26	2874	0.50
	1100111-P1	205	02	13.00	02	80	40		02	1000	364975	711604	GW	01					
	1100111-P2	205	02	13.00	02	80	40		02	1000	367669	712229	GW	01					
	1100111-P3	205	02	13.00	02	80	40		02	1000	365090	709226	GW	01					
	1100111-P4	205	02	13.00	02	80	40		02	1000	367771	710269	GW	01					
	1100111-P5	205	02	13.00	02	80	60		02	1000	367741	708437	GW	03					
	1100111-P6	205	02	13.00	02	80	60		02	1000	366315	707390	GW	03					
	1100111-P7	205	02	13.00	02	80	40		02	1000	366403	704608	GW	03					
	1100111-P8	205	02	13.00	02	80	40		02	1000	366465	702664	GW	01					
	1100111-P9	205	02	13.00	02	80	40		02	1000	373481	706909	GW	01					
	1100111-P10	205	02	13.00	02	80	40		02	1000	369411	712641	GW	01					
	1100111-P11	205	02	13.00	02	80	40		02	1000	373416	712231	GW	01					
	1100111-P12	205	02	13.00	02	80	40		02	1000	373497	710215	GW	01					
	1100111-P13	205	02	13.00	02	80	40		02	1000	373656	708322	GW	01					
	1100111-P14	205	02	13.00	02	80	40		02	1000	371704	709955	GW	01					
	1100111-22-1	205	03	8.00	02	52	47	49	03	800	368616	712485	GW	01					
	1100111-22-2	205	03	8.00	02	87	47	47	03	800	366612	711717	GW	03					

1100111-22-3	205	03	8.00	02	72	33	33	03	800	368022	711612	GW	03					
1100111-22-4	205	03	6.00	02	66	32	32	01	600	367767	710624	GW	03					
1100111-22-5	205	03	6.00	02	64	33	33	01	600	363907	710273	GW	03					
1100111-22-6	205	04	8.00	02	75	23	23	03	800	363908	709187	GW	01					
1100111-22-7	205	03	8.00	02	58	34	34	03	600	366401	708894	GW	01					
1100111-22-8	205	03	8.00	02	53	48	48	03	800	364494	708226	GW	01					
1100111-23-1	205	04	8.00	02	67	23	23	03	800	369585	712407	GW	01					
1100111-23-2	205	03	6.00	02	44	27	27	03	600	370439	712461	GW	01					
1100111-23-3	205	03	6.00	02	12	12	12	03	600	373021	712312	GW	01					
1100111-23-4	205	03	6.00	02	41	28	28	03	600	371626	710943	GW	01					
1100111-23-5	205	03	10.00	02	21	19	19	03	1000	373729	709683	GW	01					
1100111-23-6	205	03	10.00	02	69	42	42	03	1000	373713	709038	GW	01					
1100111-23-7	205	03	6.00	02	62	39	39	03	600	373750	708533	GW	01					
1100111-23-8	205	03	8.00	02	61	39	39	03	800	373984	708312	GW	01					
1100111-27-1	205	01	13.00	02	28	26	26	03	1000	368694	706055	GW	01					
1100111-27-2	205	03	13.00	02	31	33	33	03	1000	365127	704032	GW	01					
1100111-27-3	205	03	13.00	02	36	33	33	03	1000	365159	702766	GW	01					
1100111-27-4	205	03	13.00	02	50	43	43	03	1000	364558	703205	GW	01					
1100111-25-6	205	01	8.00	02	54	38		01	800	374640	705155	GW	01					
1100111-25-2	206	03	9.00	02	48	36		01	900	377992	707154	GW	01					
1100111-25-4	205	03	8.00	02	47	34		03	800	374814	706487	GW	01					
1100111-25-3	205	03	9.00	02	140	110		03	900	374782	707173	GW	03					
1100111-25-5	205	03	9.00	02	52	39		03	800	375720	705464	GW	01					
1100111-25-1	205	01	9.00	02	48	36		01	900	377082	707338	GW	01					
1100111-25-7	205	03	8.00	02	47	28		01	800	375192	703148	GW	01					
1100111-24-1	205	03	8.00	02	50	41		03	800	375013	712367	GW	01					
1100111-35-3	205	03	8.00	02	46	22		03	800	373517	701777	GW	01					
1100111-35-4	205	03	8.00	02	45	21		03	800	372118	701137	GW	01					
1100111-35-5	205	03	8.00	02	46	23		03	800	373188	701218	GW	01					
1100111-35-A	205	01	10.00	02	85	40		01	1000	373396	700518	GW	03					
1100111-35-B	205	01	10.00	02	85	40		01	1000	373905	700084	GW	03					
1100111-35-6	205	03	8.00	02	45	22		01	800	373987	698421	GW	01					
1100111-36-1	205	03	8.00	02	46	24		01	800	376175	699140	GW	01					
1100111-34-1	205	01	10.00	02	100	80		01	1200	367336	699561	GW	03					
1100111-24-2	205	01	8.00	02	56	44		01	800	375766	708708	GW	01					
1100111-35-1	205	03	8.00	02	45	23		01	800	373167	702244	GW	01					
1100111-35-2	205	03	8.00	02	43	21		01	800	373868	702151	GW	01					
1100112	2411.53	03	786.0	02	11	11/89	AG	GW	118	COLLIER ENT.(CMC FARMS INC.)				60	0.8	26	3165	0.50
1100112														61	0.8	26	1501	0.50
1100112-2-1	205	01	14.00	02	100	80	80	02	1400	337525	728322	GW	03					
1100112-2-2	205	03	9.00	02	75	50	50	03	900	337379	725939	GW	01					
1100112-2-3	205	03	9.00	02	67	48	48	03	900	337671	725172	GW	01					
1100112-2-4	205	01	14.00	02	100	80	80	02	1400	338674	726761	GW	03					
1100112-2-5	205	01	12.00	02	87	51	51	02	1200	340182	726412	GW	01					
1100112-2-6	205	01	12.00	02	76	45	45	02	1200	342181	726360	GW	01					
1100112-2-7	205	02	14.00	02	180	100	100	02	1400	342104	728203	GW	03					
1100112-2-8	205	02	14.00	02	180	100	100	02	1400	341107	724211	GW	03					
1100112-3-1	204	02	12.00	02	90	60	60	02	1200	335260	728168	GW	01					
1100112-3-2	204	03	9.00	02	99	53	53	03	900	335576	726836	GW	01					
1100112-3-3	204	03	9.00	02	45	21	45	03	900	335993	727543	GW	01					
1100112-3-4	204	03	8.00	02	78	31	31	03	800	332184	723837	GW	01					
1100112-3-5	204	03	8.00	02	31	25	25	03	800	333295	724587	GW	01					
1100112-3-6	204	01	12.00	02	85	60	60	02	1200	333368	724146	GW	01					
1100112-3-7	204	03	6.00	02	32	20	20	03	600	334092	724566	GW	01					
1100112-3-8	204	03	8.00	02	36	21	21	03	800	335334	724559	GW	01					

1100112-3-9	204	01	8.00	02	82	43	43	01	800	333524	723384	GW	01
1100112-3-10	204	01	8.00	02	78	39	39	01	800	334370	723635	GW	01
1100112-3-11	204	03	9.00	02	95	53	53	03	900	333117	728246	GW	01
1100112-3-12	204	02	14.00	02	180	100	100	02	1400	334967	724905	GW	03
1100112-3-T2	204	02	14.00	02	180	100	100	02	1400	335728	726086	GW	03
1100112-10-1	204	01	8.00	02	93	44	44	01	800	332915	722715	GW	01
1100112-10-2	204	01	8.00	02	81	50	50	02	800	332678	720717	GW	01
1100112-10-3	204	03	6.00	02	26	21	21	03	600	335828	722204	GW	01
1100112-10-4	204	02	14.00	02	180	100	100	02	1400	334485	722709	GW	03
1100112-11-1	205	01	9.00	02	74	42	42	02	900	338053	722686	GW	01
1100112-11-2	205	01	9.00	02	60	39	39	01	900	342109	722330	GW	01
1100112-11-3	205	01	6.00	02	43	21	21	01	600	342296	719361	GW	01
1100112-11-4	205	03	6.00	02	33	20	20	03	600	342024	718693	GW	01
1100112-11-5	205	01	13.00	02	115	55	55	02	600	341700	718114	GW	01
1100112-11-6	205	02	14.00	02	180	100	100	02	1400	339685	722953	GW	03
1100112-13-1	205	03	8.00	02	43	23	23	03	800	345645	717819	GW	01
1100112-13-2	205	01	12.00	02	41	21	21	01	1200	345142	716744	GW	01
1100112-13-3	205	01	8.00	02	34	18	18	01	800	346305	717070	GW	01
1100112-13-4	205	01	8.00	02	85	45	45	01	800	347597	713889	GW	01
1100112-13-5	205	02	12.00	02	100	60	60	02	1200	347513	715292	GW	01
1100112-14-1	205	01	8.00	02	23	20	20	01	800	340487	714800	GW	01
1100112-14-2	205	01	6.00	02	24	18	18	01	600	340023	714302	GW	01
1100112-14-3	205	01	9.00	02	39	20	20	01	900	340592	714283	GW	01
1100112-14-4	205	01	12.00	02	100	60	60	02	1200	341112	713494	GW	01
1100112-14-5	205	03	8.00	02	29	18	18	03	800	341799	714464	GW	01
1100112-14-6	205	02	14.00	02	180	100	100	02	1400	340892	717662	GW	03
1100112-15-1	204	01	8.00	02	45	21	21	01	800	331861	717473	GW	01
1100112-15-2	204	01	8.00	02	53	23	23	01	800	331956	716684	GW	01
1100112-15-3	204	01	8.00	02	97	43	43	01	800	332159	715749	GW	01
1100112-15-4	204	01	8.00	02	45	19	19	01	800	332173	714819	GW	01
1100112-15-5	204	01	8.00	02	89	40	40	01	800	332076	713338	GW	01
1100112-15-6	204	01	12.00	02	101	55	55	02	1200	334200	712820	GW	03
1100112-15-7	204	03	8.00	02	35	25	25	03	800	335971	712825	GW	01
1100112-15-8	204	02	14.00	02	100	60	60	02	1400	335253	713386	GW	03
1100112-15-T1	204	03	9.00	02	43	25	25	03	900	334858	713697	GW	01
1100112-22-1	204	03	9.00	02	43	25	25	03	900	332274	712323	GW	01
1100112-22-2	204	01	12.00	02	120	53	53	02	1200	332307	711798	GW	03
1100112-22-3	204	03	9.00	02	62	39	39	03	900	333412	712356	GW	01
1100112-22-4	204	01	12.00	02	115	60	60	02	1200	333237	709998	GW	03
1100112-22-5	204	03	8.00	02	43	21	21	03	800	331987	707942	GW	01
1100112-22-6	204	01	12.00	02	115	60	60	02	1200	334126	712492	GW	03
1100112-22-7	204	03	8.00	02	53	23	23	03	800	334747	712468	GW	01
1100112-22-8	204	01	12.00	02	115	60	60	02	1200	335788	712386	GW	03
1100112-22-9	204	03	10.00	02	72	43	43	03	1000	333535	708333	GW	01
1100112-22-10	204	03	9.00	02	69	38	38	03	900	335607	707516	GW	01
1100112-22-11	204	03	8.00	02	21	19	19	03	800	332282	712343	GW	01
1100112-22-12	204	02	14.00	02	100	100	100	02	1400	334219	710637	GW	03
1100112-22-13	204	03	14.00	02	180	100	100	02	1400	335239	710534	GW	03
1100112-23-1	205	02	10.00	02	95	53	53	03	1000	337617	712425	GW	03
1100112-23-2	205	03	6.00	02	43	22	22	03	600	339090	712212	GW	01
1100112-23-3	205	01	9.00	02	76	49	49	01	900	339876	712304	GW	01
1100112-23-4	205	01	12.00	02	106	60	60	01	1200	340297	711789	GW	01
1100112-23-5	205	01	10.00	02	98	57	57	02	1000	340929	712314	GW	01
1100112-23-6	205	01	10.00	02	81	19	19	01	1000	341654	712301	GW	01
1100112-23-7	205	03	6.00	02	22	19	19	03	600	337475	708740	GW	01
1100112-23-8	205	03	8.00	02	73	22	22	03	800	337941	707564	GW	01

1100084-1-5	205	01	8.00				03	800	375290	727639	GW	01
1100084-1 7	206	01	12.00				03	1000	377223	724085	GW	01
1100084-1-9	206	01	8.00				03	800	377217	725652	GW	01
1100084-1-11	206	01	12.00				03	1000	377548	727063	GW	01
1100084-3-1	205	01	12.00				03	1000	366579	726042	GW	01
1100084-3-2	205	01	12.00				03	1000	364746	726255	GW	01
1100084-3-3	205	01	12.00				03	1000	365303	727549	GW	01
1100084-3-4	205	01	12.00				03	1000	367257	728049	GW	01
1100084-10-1	205	01	12.00				03	1000	365045	720697	GW	01
1100084-10-3	205	01	12.00				03	1000	365185	723027	GW	01
1100084-10-5	205	01	12.00				03	1000	367360	720677	GW	01
1100084-10-6	205	01	12.00				03	1000	368121	723012	GW	01
1100084-11-1	205	01	12.00				03	1000	370416	719964	GW	01
1100084-11-2	205	01	12.00				03	1000	370505	721938	GW	01
1100084-11-3	205	01	12.00				03	1000	372802	722204	GW	01
1100084-11-5	205	01	12.00				03	1000	373410	720826	GW	01
1100084-12-1	205	01	12.00				03	1000	375303	719956	GW	01
1100084-12-3	205	01	12.00				03	1000	376454	721967	GW	01
1100084-12-5	205	01	12.00				03	1000	377151	720737	GW	01
1100084-12-7	205	01	12.00				03	1000	375880	722952	GW	01
1100084-13-2	206	01	12.00				03	1000	377390	716011	GW	01
1100084-13-3	205	01	12.00				03	1000	376188	716265	GW	01
1100084-13-4	205	01	8.00				03	800	374559	715807	GW	01
1100084-13-5	205	01	8.00				03	1000	374902	718040	GW	01
1100084-13-6	206	01	8.00				03	1000	378772	715412	GW	01
1100084-14-1	205	01	12.00				03	1000	369557	717883	GW	01
1100084-14-3	205	01	12.00				03	1000	372096	717782	GW	01
1100084-14-4	205	01	12.00				03	1000	371420	715479	GW	01
1100084-14-5	205	01	12.00				03	1000	372793	715342	GW	01
1100084-15-1	205	01	12.00				03	1000	364561	714723	GW	01
1100084-15-3	205	01	12.00				03	1000	367538	713646	GW	01
1100084-15-6	205	01	12.00				03	1000	367650	715945	GW	01
1100084-15-7	205	01	12.00				03	1000	366534	718055	GW	01
1100084-34-4	205	01	12.00				03	1000	364699	733173	GW	01
1100084-34-5	205	01	12.00				03	1000	365776	731892	GW	01
1100084-34-7	205	01	12.00				03	1000	367361	731112	GW	01
1100084-34-8	205	01	12.00				03	1000	368675	731124	GW	01
1100084-34-9	205	01	12.00				03	1000	368295	733634	GW	01
1100084-34-2	205	01	12.00				03	1000	365750	729677	GW	01
1100084-27	205	03	12.00	02	255	220	02	900	370232	738100	GW	04
1100084-41	205	03	12.00	02	120	90	02	800	372783	738063	GW	03
1100084-28	205	03	8.00	02	218	173	02	300	370260	736874	GW	03
1100084-42	205	03	8.00	02	340	200	02	400	372762	736685	GW	04
1100084-29	205	03	8.00	02	240	190	02	400	370088	735529	GW	04
1100084-43	205	02	8.00	02	319	199	02	400	372944	735730	GW	04
1100084-30	205	03	8.00	02	247	187	02	800	370056	732827	GW	04
1100084-44	205	02	8.00	02	319	199	02	800	373255	734290	GW	04
1100084-31	205	02	8.00	02	310	190	02	800	370056	732827	GW	04
1100084-45	205	03	12.00	02	160	140	02	1000	373058	733042	GW	03
1100084-33	205	02	8.00	02	305	175	02	800	370067	729723	GW	04
1100084-47	205	02	8.00	02	215	120	02	600	373360	729503	GW	03
1100084-32	205	02	8.00	02	300	200	02	800	369991	731614	GW	04
1100084-46	205	02	8.00	02	300	200	02	600	373046	731211	GW	04
1100084-53	205	02	8.00	02	300	200	02	800	375726	733601	GW	04
1100084 63	206	02	8.00	02	300	200	02	800	377993	733337	GW	04
1100084-54	205	02	8.00	02	300	200	02	800	375676	731442	GW	04

1100084-64	206 02	8.00 02	300	200	02	800	377930	731705	GW	04
1100084-55	205 02	8.00 02	300	200	02	800	375728	729667	GW	04
1100084-65	206 02	8.00 02	300	200	02	800	377916	729749	GW	04
1100084-1	205 03	12.00 02	120	80	02	538	364753	732702	GW	03
1100084-14	205 03	12.00 02	120	60	02	580	367874	732888	GW	03
1100084-3	205 03	12.00 02	120	60	02	538	364757	729369	GW	01
1100084-16	205 03	12.00 02	120	80	02	580	368019	729490	GW	01
1100084-5	205 03	12.00 02	100	60	02	548	365130	726615	GW	01
1100084-18	205 03	12.00 02	120	80	02	647	367844	726935	GW	01
1100084-6	205 03	12.00 02	100	60	02	580	365106	725305	GW	01
1100084-19	205 03	12.00 02	100	80	02	494	367848	725557	GW	01
1100084-38	205 02	12.00 02	150	100	02	485	370444	716689	GW	03
1100084-62	205 02	12.00 02	150	100	02	485	375227	714630	GW	03
1100084-68	206 02	12.00 02	150	100	02	485	378445	724032	GW	03
1100084-40	205 02	12.00 02	150	100	02	485	370916	713878	GW	03
1100084-35	205 02	12.00 02	150	100	02	485	370234	720432	GW	03
1100084-73	206 02	12.00 02	150	100	02	509	378470	717668	GW	03
1100084-36	205 02	12.00 02	150	100	02	509	370091	718746	GW	03
1100084-20	205 02	12.00 02	150	100	02	530	367672	724288	GW	03
1100084-60	205 02	12.00 02	150	100	02	530	375160	720331	GW	03
1100084-71	206 02	12.00 02	150	100	02	384	378767	720081	GW	03
1100084-66	206 02	12.00 02	150	100	02	397	378090	728123	GW	03
1100084-72	206 02	12.00 02	150	100	02	432	377408	719063	GW	03
1100084-34	205 02	12.00 02	150	100	02	452	370237	722346	GW	03
1100084-37	205 02	12.00 02	150	100	02	452	370863	717800	GW	03
1100084-70	206 02	12.00 02	150	100	02	313	377303	721374	GW	03
1100084-48	205 02	12.00 02	150	100	02	331	373225	727991	GW	03
1100084-74	206 02	12.00 02	150	100	02	355	378367	716198	GW	03
1100084-17A	205 02	12.00 02	150	100	02	361	368027	728088	GW	03
1100084-17B	205 02	12.00 02	150	100	02	361	369350	728329	GW	03
1100084-7	205 02	12.00 02	100	60	02	591	365087	724119	GW	03
1100084-2	205 02	12.00 02	150	100	02	538	364866	730875	GW	03
1100084-75	206 02	12.00 02	150	100	02	538	378037	714189	GW	03
1100084-4	205 02	12.00 02	150	100	02	548	364837	727866	GW	03
1100084-50	205 02	12.00 02	150	100	02	562	372777	720994	GW	03
1100084-59	205 02	12.00 02	150	100	02	562	375732	722234	GW	03
1100084-58	205 02	12.00 02	150	100	02	562	375423	724175	GW	03
1100084-69	206 02	12.00 02	150	100	02	562	378618	722489	GW	03
1100084-9	205 02	12.00 02	150	100	02	562	364966	720458	GW	03
1100084-51	205 02	12.00 02	150	100	02	562	372921	718934	GW	03
1100084-12	205 02	12.00 02	150	100	02	562	365036	716051	GW	03
1100084-22	205 02	12.00 02	150	100	02	562	367939	720681	GW	03
1100084-10	205 02	12.00 02	150	100	02	562	365004	718872	GW	03
1100084-11	205 02	12.00 02	150	100	02	562	364937	717538	GW	03
1100084-24	205 02	12.00 02	150	100	02	562	367497	717567	GW	03
1100084-25	205 02	12.00 02	150	100	02	562	367557	716217	GW	03
1100084-23	205 02	12.00 02	150	100	02	562	367921	718939	GW	03
1100084-8	205 02	12.00 02	150	100	02	580	365120	722977	GW	03
1100084-21	205 02	12.00 02	150	100	02	580	367825	723074	GW	03
1100084-61	205 02	12.00 02	150	100	02	580	374353	716469	GW	03
1100084-15	205 02	12.00 02	150	100	02	580	367937	731189	GW	03
1100084-52	205 02	12.00 02	150	100	02	591	373243	714157	GW	03
1100084-67	206 02	12.00 02	150	100	02	591	378225	725691	GW	03
1100084-38	205 02	12.00 02	150	100	02	647	370444	716689	GW	03
1100084-49	205 02	12.00 02	150	100	02	647	372814	722636	GW	03
1100084-13	205 02	12.00 02	150	100	02	664	365122	714268	GW	03

	1100084-26		205	02	12.00	02	150	100		02	664		367650	714313	GW	03					
	1100084-57		205	02	12.00	02	150	100		02	664		375305	725926	GW	03					
	1100084-56		205	02	12.00	02	150	100		02	674		375694	727995	GW	03					
1100085		32.90		03	34.60	02	11	12/78	AG	GW	3		COLLIER DEVELOPMENT CORP.				61	0.4	1	70	0.50
	1100085-1		233	01	8.00	02	40				800		257910	635259	GW	01					
	1100085-2		233	03	8.00	02	40				800		257316	635110	GW	01					
	1100085-3		233	04	8.00	02	40				800		256557	635216	GW	01					
1100086		26.10		03	59.10	02	11	12/78	AG	GW	3		COLLIER DEVELOPMENT CORP.				61	0.4	1	75	0.50
	1100086-24-1		232	01	9.00	02	26	19		01	800		253664	645777	GW	01					
	1100086-24-2		232	01	8.00	02	23	20		01	800		251255	645722	GW	01					
	1100086-24-3		232	01	8.00	02	25	18		01	800		250171	645722	GW	01					
1100087		7.60		03	30.30	02	11	12/78	AG	GW	1		COLLIER DEVELOP.CORP.(LANDMARK)				60	0.4	1	35	0.50
	1100087-1		202	01	8.00					03	1000		241753	699952	GW	01					
1100088		15.20		03	21.6	02	11	12/78	AG	GW	1		WILLIAM LEINWEBER				13	0.8	1	70	0.50
	1100088-4		190	01	6.00	02				02	500		351761	783790	GW	01					
1100089		78.60		03	29.10		11	5/83	AG	BOTH	3	1	MARGUERITE R. COLLIER,TRUST				61	0.8	1	175	0.75
	1100089-1		202	01	8.00					03	800		238435	703228	GW	01					
	1100089-2		202	01	8.00					03	800		238815	703222	GW	01					
	1100089-3		202	01	8.00					03	800		238361	701354	GW	01					
	1100089-SW1		202	01						01	600		238435	703228	SW	01					
1100090		209.00		03	252.0		11	12/78	AG	SW		1	NF&V CORP(GULF COAST RARMS INC.)				60	0.4	1	320	0.50
	1100090-SW1		233	01							8000		284466	629540	SW	01 (4-8"WELLS NOT IN USE)					
1100091		15.22		03			11	12/78	AG	GW	1		R.A. BETHEA, JR.				13	0.8	15	70	0.50
	1100091-3		190	01	6.0	02					500		350660	784110	GW	01					
1100092		700.50		03	467.0	02	11	4/83	AG	BOTH	6	1	EDITH COLLIER SPROOL,TRUST				61	0.4	1	600	0.50
	1100092-1		217	03	8.00	02				03	800		250593	674516	GW	01					
	1100092-2		217	04	8.00	02	60	40		03	800		249541	672450	GW	01					
	1100092-3		217	04	8.00	02	80	52		03	800		250857	672508	GW	01					
	1100092-4		217	03	8.00					03	800		250862	670132	GW	01					
	1100092-5		217	03	8.00					03	800		248077	670435	GW	01					
	1100092-6		217	03	8.00					03	800		248062	672443	GW	01					
	1100092-SW1		217	01	18.00						10000		247587	667474	SW	01					
1100093		28.44		03			11	12/78	AG	GW	2		TONY ROSBOUGH				13	0.8	15	131	0.50
	1100093-1		190	01	6.00	02					500		348420	784663	GW	01					
	1100093-2		190	01	6.00	02					500		349206	784487	GW	01					
1100094		2774.00		03	576.36	02	11	1/87	AG	BOTH	53	3	TURNER CORPERATION				13	1.5	15	2575	0.85
	1100094-1		190	01	8.00	02	60	40			600		342000	783200	GW	01					
	1100094-2		190	03	8.00	02	60	40			600		342100	783800	GW	01					
	1100094-3		190	01	8.00	02	60	40			600		342150	784500	GW	01					
	1100094-4		190	01	8.00	02	60	40			600		341600	785700	GW	01					
	1100094-5		190	03	8.00	02	60	40			600		338000	786150	GW	01					
	1100094-6		190	01	8.00	02	160	100			600		342150	785700	GW	03					
	1100094-7		190	03	8.00	02	160	120			600		342150	785050	GW	03					
	1100094-8		190	03	8.00	02	170	120			600		341532	786547	GW	03					
	1100094-6A		190	01	8.00	02	260	140			600		342300	786200	GW	03					
	1100094-7		190	03	8.00	02	60	40			600		343700	782400	GW	01					

	1100094-8	190	01	8.00	02	80	50			600	343650	784550	GW	01					
	1100094-9	190	01	9.00	02	215	138			1000	344800	784550	GW	03					
	1100094-10	190	01	8.00	02	195	135			1000	344900	783500	GW	03					
	1100094-11	190	01	8.00	02	300	250			600	346250	782700	GW	04					
	1100094-3	190	01	8.00	02	60	40			600	347100	781100	GW	01					
	1100094-4	190	01	8.00	02	60	40			600	343600	779700	GW	01					
	1100094-5	190	03	8.00	02	60	40			600	342500	776600	GW	01					
	1100094-7	190	01	8.00	02	195	135			1000	343700	777400	GW	03					
	1100094-8	190	01	8.00	02	269	208			300	345700	777400	GW	04					
	1100094-9	190	01	12.00	02	60	40			600	344800	780200	GW	01					
	1100094-10	190	01	8.00	02	290	238			600	345950	780650	GW	04					
	1100094-15	190	01	8.00	02	275	168			600	343800	778300	GW	04					
	1100094-16	190	01	8.00	02	275	172			800	343900	777400	GW	04					
	1100094-1	190	01	8.00	02	60	40			600	339600	777700	GW	01					
	1100094-2	190	01	8.00	02	60	40			600	339600	780550	GW	01					
	1100094-3	190	01	10.00	02	60	40			900	341900	779150	GW	01					
	1100094-4	190	01	10.00	02	60	40			600	341900	780450	GW	01					
	1100094-5	190	01	8.00	02	60	40			600	342000	781500	GW	01					
	1100094-6	190	01	8.00	02	60	40			600	341950	777800	GW	01					
	1100094-7	190	01	8.00	02	60	40			600	341950	776900	GW	01					
	1100094-1	190	01	8.00	02	60	40			600	339650	772300	GW	01					
	1100094-2	190	01	8.00	02	60	40			600	340700	775400	GW	01					
	1100094-3	190	01	8.00	02	60	40			600	339600	776250	GW	01					
	1100094-4	190	01	8.00	02	236	174			1000	339050	775050	GW	04					
	1100094-5	190	01	8.00	02	185	180			1000	339700	773600	GW	04					
	1100094-6	190	01	12.00	02	235	167			2000	338100	773600	GW	04					
	1100094-1	190	01	8.00	02	60	40			600	342500	771700	GW	01					
	1100094-2	190	01	8.00	02	60	40			600	343100	772100	GW	01					
	1100094-3	190	01	8.00	02	60	40			600	346200	772550	GW	01					
	1100094-4	190	01	8.00	02	60	40			600	346100	775200	GW	01					
	1100094-5	190	01	8.00	02	60	40			600	343150	775500	GW	01					
	1100094-6	190	01	8.00	02	60	40			600	343150	776200	GW	01					
	1100094-1	190	01	8.00	02	60	40			600	342000	771000	GW	01					
	1100094-2	190	01	8.00	02	60	40			600	341500	770900	GW	01					
	1100094-17	190	01	8.00	02	275	172			800	343900	777400	GW	04					
	1100094-8	190	01	10.00	02	275	240			650	339600	776600	GW	04					
	1100094-9	190	01	10.00	02	270	235			650	339600	777800	GW	04					
	1100094-10	190	01	10.00	02	260	223			650	339600	779150	GW	04					
	1100094-11	190	01	10.00	02	260	220			650	339600	780650	GW	04					
	1100094-9	190	01	10.00	02	260	220			700	339600	781800	GW	04					
	1100094-10	190	02	10.00	02	260	220			600	339606	783299	GW	04					
	1100094-11	190	02	10.00	02	260	220			600	339469	784577	GW	04					
	1100094-12	190	02	10.00	02	260	220			600	339442	786029	GW	04					
	1100094-SW1	190	01							2500	338000	772900	SW	01					
	1100094-SW2	190	01							2500	338000	773200	SW	01					
	1100094-SW3	190	01							6000	338000	776150	SW	01					
1100095		193.00	03	633.0	02	11	7/83	AG	BOTH	20	3 A. DUDA & SONS INC.				Gt	0.4	1	825	0.50
	1100095-18-1	233	01	16.00	02	50			03	4000	285203	618661	GW	01					
	1100095-18-2	233	03	8.00	02	50			03	1000	285162	618258	GW	01					
	1100095-18-3	233	01	16.00	02	50			03	4000	286122	617991	GW	01					
	1100095-18-4	233	01	16.00	02	50			03	4000	287153	617262	GW	01					
	1100095-18-5	233	03	8.00	02	50			03	1000	286377	616596	GW	01					
	1100095-18-6	233	01	16.00	02	50			03	4000	287999	616076	GW	01					
	1100095-18-7	233	01						03	8000	288230	616058	SW	01					
	1100095-18-8	233	03	8.00	02	50			03	1000	288426	615371	GW	01					

	1100095-18-9	233	03	16.00	02	50			03	4000	289821	615326	SW	01					
	1100095-19-1	233	03	8.00	02	50			03	1000	286228	613490	GW	01					
	1100095-13-1	233	03	8.00	02	50			03	1000	280701	619128	GW	01					
	1100095-13-2	233	01						03	8000	281277	619097	SW	01					
	1100095-13-3	233	01	8.00	02	50			03	1000	282310	619192	GW	01					
	1100095-13-4	233	01	8.00	02	50			03	1000	282468	619042	GW	01					
	1100095-13-5	233	03	8.00	02	50			03	1000	282846	618538	GW	01					
	1100095-13-6	233	03	8.00	02	50			03	1000	283416	618767	GW	01					
	1100095-13-7	233	01	16.00	02	50			03	4000	283565	619121	GW	01					
	1100095-13-8	233	01	16.00	02	50			03	4000	284729	618871	GW	01					
	1100095-13-9	233	01						03	8000	283502	618113	SW	01					
	1100095-13-10	233	01	8.00	02	50			03	1000	283796	616095	GW	01					
	1100095-13-11	233	01	8.00	02	50			03	1000	281698	617520	GW	01					
	1100095-13-12	233	01	8.00	02	50			03	1000	280918	616582	GW	01					
	1100095-13-13	233	03	8.00	02	50			03	1000	280226	615624	GW	01					
1100096	51.73		03	7.29	02	11	10/88	REC	BOTH	1	4 PINEWOODS COMMONS AREA,INC.				15	0.4	1	40	0.75
	1100096-1	217	01	6.00	02	60	55		01	600	246645	678980	GW	03					
	1100096-SW1	217	01						01	350	247219	678995	SW	01					
	1100096-SW2	217	01						01	90	247641	679048	SW	01					
	1100096-SW3	217	01						01	200	247659	678474	SW	01					
1100097	363.00		03	384.0	02	11	12/78	AG	BOTH	7	3 A. DUDA & SONS,INC.				61	3.6	1	500	0.50
	1100097-1	234	01	8.00	02	40			03	1000	301566	624131	GW	01					
	1100097-5	234	03	8.00	02	40			03	1000	303621	622162	GW	01					
	1100097-6	234	03	8.00	02	40			03	1000	303075	621488	GW	01					
	1100097-7	234	03	8.00	02	40			03	1000	304281	621583	GW	01					
	1100097-8	234	03	8.00	02	40			03	1000	306357	621697	GW	01					
	1100097-9	234	03	16.00	02	40			03	4000	303126	618995	GW	01					
	1100097-10	234	03	16.00	02	40			03	4000	303619	618916	GW	01					
	1100097-11	234	03	8.00	02	40			03	400	306894	620448	GW	01					
	1100097-SW2	234	01	20.00					03	8000	303011	624197	SW	01					
	1100097-SW3	234	01	20.00					03	8000	304262	624173	SW	01					
	1100097-SW4	234	01	20.00					03	8000	306739	624135	SW	01					
1100100				678.27	02	11	8/86	AG	GW	31	BARRON COLLIER				61	0.8	26	3331	0.50
	1100100	191	01		02	21				700	406065	756853	GW	01					
	1100100	191	01		02	54				700	407923	756670	GW	01					
	1100100	191	01		02	60				700	408947	757586	GW	01					
	1100100	191	01		02	64				700	408626	755766	GW	01					
	1100100	191	01		02	62				700	403104	755757	GW	01					
	1100100	191	01		02	18				700	396865	759428	GW	01					
	1100100	191	01		02					700	392307	756289	GW	03					
	1100100	191	01		02	30				700	383423	755531	GW	01					
	1100100	191	01		02	26				700	383494	756881	GW	01					
	1100100	191	01		02					700	384054	757463	GW	03					
	1100100	191	01		02	25				700	382256	756891	GW	01					
	1100100	191	01		02	23				700	380251	757686	GW	01					
	1100100	191	01		02					700	379753	757159	GW	03					
	1100100	191	01		02	21				700	384001	755125	GW	01					
	1100100	191	01		02	28				700	383012	753227	GW	01					
	1100100	191	01		02	29				700	381830	750207	GW	01					
	1100100	191	01		02					700	388242	754522	GW	01					
	1100100	191	01		02					700	387622	750497	GW	01					
	1100100	191	01		02					700	385862	753166	GW	01					
	1100100	191	01		02	24				700	395378	752126	GW	01					

1100112-23-9	205	01	12.00	02	93	60	60	02	1200	338831	707707	GW	03						
1100112-23-10	205	03	9.00	02	98	43	43	03	900	339465	707791	GW	01						
1100112-23-11	205	03	9.00	02	87	48	48	03	900	340260	707550	GW	01						
1100112-23-12	205	02	14.00	02	100	100	100	02	1400	340050	709903	GW	03						
1100112-24-1	205	03	8.00	02	33	15	15	03	800	342745	707636	GW	01						
1100112-24-2	205	03	8.00	02	61	26	26	03	800	343099	707978	GW	01						
1100112-24-3	205	01	12.00	02	61	37	37	01	1200	344331	707611	GW	01						
1100112-24-4	205	02	14.00	02	180	100	100	02	1400	344213	708709	GW	03						
1100112-25-1	205	01	12.00	02	83	52	52	02	1200	344163	707035	GW	01						
1100112-25-2	205	01	12.00	02	100	60	60	02	1200	347531	706010	GW	03						
1100112-25-3	205	01	12.00	02	83	59	59	02	1200	344606	704580	GW	01						
1100112-25-4	205	03	12.00	02	47	35	35	03	1200	342815	705188	GW	01						
1100112-25-5	205	01	12.00	02	65	39	39	02	1200	342996	704065	GW	01						
1100112-25-6	205	03	8.00	02	43	17	17	03	800	342726	702957	GW	01						
1100112-25-7	205	03	12.00	02	93	22	22	03	1200	343822	702786	GW	01						
1100112-25-8	205	01	12.00	02	73	37	37	01	1200	345020	702751	GW	01						
1100112-25-9	205	02	14.00	02	120	80	80	02	1400	345456	705477	GW	03						
1100112-25-10	205	02	14.00	02	120	80	80	02	1400	345813	704790	GW	03						
1100112-26-1	205	01	12.00	02	81	43	43	02	1200	342241	707098	GW	01						
1100112-26-2	205	02	9.00	02	102	33	33	03	900	340393	706143	GW	01						
1100112-26-3	205	01	10.00	02	110	47	47	01	1000	341202	704785	GW	01						
1100112-26-4	205	01	14.00	02	100	80	80	02	1400	342307	706048	GW	03						
1100112-26-5	205	01	10.00	02	110	36	36	01	1000	339917	704295	GW	01						
1100112-26-6	205	03	9.00	02	53	21	21	03	900	340571	703719	GW	01						
1100112-26-7	205	01	12.00	02	103	37	37	02	1200	340054	703061	GW	01						
1100112-26-8	205	01	14.00	02	100	80	80	02	1400	338224	703852	GW	03						
1100112-26-9	205	01	9.00	02	60	20	20	01	900	337738	704432	GW	01						
1100112-26-10	205	02	14.00	02	180	100	100	02	1400	341818	703075	GW	03						
1100112-27-1	204	01	9.00	02	109	22	22	01	900	332431	704579	GW	01						
1100112-27-2	204	01	9.00	02	43	17	17	01	900	333051	703782	GW	01						
1100112-27-3	204	03	8.00	02	89	37	37	03	800	334201	703879	GW	01						
1100112-27-4	204	03	8.00	02	106	33	33	03	800	335033	703717	GW	01						
1100112-27-5	204	03	9.00	02	100	36	36	03	900	335559	703922	GW	01						
1100112-27-6	205	01	9.00	02	51	21	21	01	900	336582	704599	GW	01						
1100112-27-7	205	03	9.00	02	99	35	35	03	900	336499	702124	GW	01						
1100112-27-8	205	03	8.00	02	54	25	25	03	800	336621	706498	GW	01						
1100112-27-9	204	02	14.00	02	180	100	100	02	1400	335108	704985	GW	03						
1100112-34-1	204	01	8.00	02	66	33	33	01	800	332229	699156	GW	01						
1100112-34-2	204	01	8.00	02	82	37	37	01	800	332136	698299	GW	01						
1100112-34-3	205	01	8.00	02	71	41	41	01	1	336309	699797	GW	01	WINDMILL					
1100112-35-1	205	03	8.00	02	31	19	19	03	800	337573	698772	GW	01						
1100112-35-2	205	03	10.00	02	50	25	25	03	1000	337589	697991	GW	01						
1100112-35-3	205	03	8.00	02	95	48	48	03	800	339984	701430	GW	01						
1100112-35-4	205	01	14.00	02	100	80	80	02	1400	338771	701438	GW	03						
1100112-35-5	205	03	12.00	02	84	34	34	03	1200	339924	699263	GW	01						
1100112-35-6	205	02	14.00	02	180	100	100	02	1400	338559	700269	GW	03						
1100113			1305.4802		11	1/85	AG	GW	88	THE COLLIER CO.					61	0.8	19	4936	0.50
1100113															20	0.8	19	1533	0.50
1100113-7-1	189	01	8.00					03	800	320082	753696	GW	01						
1100113-7-2	189	01	8.00					03	800	319978	752300	GW	01						
1100113-7-3	189	01	8.00					03	800	319999	751620	GW	01						
1100113-8-1	189	01	6.00					03	600	321625	753990	GW	01						
1100113-8-2	189	01	8.00					03	800	322205	753993	GW	01						
1100113-9-1	189	01	8.00					03	800	329190	751791	GW	01						
1100113-9-2	189	01	10.00					03	1000	329284	750754	GW	03						

1100113-9-3	189	01	8.00	03	800	330029	750799	GW	01
1100113-9-4	189	01	8.00	03	800	329687	750126	GW	01
1100113-9-5	189	01	16.00	03	800	330320	750293	GW	01
1100113-9-6	189	01	6.00	03	1600	330692	750253	GW	03
1100113-9-7	189	01	4.00	03	600	330952	749795	GW	01
1100113-9-8	189	01	8.00	03	400	330212	749810	GW	01
1100113-10-1	189	01	8.00	03	800	331773	750060	GW	01
1100113-15-1	189	01	6.00	03	600	331640	749297	GW	01
1100113-15-2	189	01	8.00	03	800	331581	748577	GW	01
1100113-15-3	189	01	8.00	03	800	331638	747265	GW	01
1100113-15-4	189	01	16.00	03	1600	332823	747410	GW	03
1100113-15-5	189	01	8.00	03	800	332001	745765	GW	03
1100113-15-6	189	01	16.00	03	1600	331637	745373	GW	03
1100113-15-7	189	01	8.00	03	800	334805	745801	GW	03
1100113-15-8	189	01	9.00	03	900	334425	745384	GW	03
1100113-15-9	189	01	8.00	03	800	335831	744708	GW	03
1100113-17-1	189	01	6.00	03	600	324211	748375	GW	03
1100113-17-2	189	01	8.00	03	800	325689	748142	GW	03
1100113-17-3	189	01	8.00	03	800	325801	747252	GW	03
1100113-17-4	189	01	6.00	03	600	324102	746479	GW	03
1100113-17-5	189	01	8.00	03	800	325751	746537	GW	03
1100113-17-6	189	01	8.00	03	800	325795	744756	GW	01
1100113-17-7	189	01	8.00	03	800	323972	744904	GW	01
1100113-18-1	189	01	6.00	03	600	315932	744500	GW	03
1100113-18-2	189	01	6.00	03	600	317993	744625	GW	03
1100113-18-3	189	01	6.00	03	600	318887	744749	GW	03
1100113-19-1	189	01	8.00	03	800	316675	743409	GW	03
1100113-19-2	189	01	8.00	03	800	317060	743082	GW	03
1100113-19-3	189	01	6.00	03	600	318669	743203	GW	03
1100113-19-4	189	01	8.00	03	800	316771	742564	GW	01
1100113-19-5	189	01	8.00	03	800	316113	742834	GW	01
1100113-19-6	204	01	8.00	03	800	316512	742137	GW	01
1100113-19-7	204	01	8.00	03	800	318531	741576	GW	01
1100113-19-8	204	01	6.00	03	600	319035	742170	GW	01
1100113-19-9	204	01	6.00	03	600	316566	741364	GW	03
1100113-19-10	204	01	8.00	03	800	315890	740103	GW	03
1100113-20-1	189	01	8.00	03	800	322571	744361	GW	03
1100113-20-2	189	01	9.00	03	900	323443	743857	GW	03
1100113-20-3	189	01	9.00	03	900	323305	743206	GW	03
1100113-20-4	189	01	6.00	03	600	324689	743118	GW	03
1100113-20-5	189	01	6.00	03	800	323303	742514	GW	01
1100113-21-1	189	01	8.00	03	800	330303	744110	GW	01
1100113-21-2	189	01	8.00	03	900	326124	743901	GW	01
1100113-21-3	189	01	9.00	03	800	330403	743421	GW	01
1100113-21-4	189	01	8.00	03	800	327244	743035	GW	01
1100113-21-5	189	01	8.00	03	800	326152	742553	GW	03
1100113-21-6	189	01	8.00	03	800	330235	742683	GW	03
1100113-21-7	204	01	8.00	03	800	329097	741805	GW	03
1100113-21-8	204	01	6.00	03	600	329733	741105	GW	03
1100113-21-9	204	01	6.00	03	600	329730	740504	GW	03
1100113-21-10	204	01	8.00	03	800	328261	739269	GW	03
1100113-21 11	204	01	8.00	03	800	327684	739252	GW	03
1100113-19-1	189	01	8.00	03	800	316675	743409	GW	03

1100114	3260.00	03	1380.0 02	11 1/79	AG	GW	36	THE COLLIER CO.	63	0.8	1	2138	0.50
1100114									20	0.8	1	1906	0.50

	1100114-2-1	220	01	8.00					03	800		372990	695372	GW	01					
	1100114-2-2	220	01	8.00					03	800		370305	695066	GW	01					
	1100114-2-3	220	01	18.00					03	1800		369702	694012	GW	03					
	1100114-2-4	220	01	8.00					03	800		370365	693810	GW	01					
	1100114-2-5	220	01	8.00					03	800		369674	692880	GW	01					
	1100114-3-1	220	01	8.00					03	800		364235	696590	GW	01					
	1100114-3-2	220	01	8.00					03	800		365250	696564	GW	01					
	1100114-3-3	220	01	8.00					03	800		366632	696624	GW	01					
	1100114-3-4	220	01	8.00					03	800		365053	695764	GW	01					
	1100114-3-5	220	01	8.00					03	800		363952	694244	GW	01					
	1100114-5-1	220	01	8.00					03	800		354752	693440	GW	01					
	1100114-5-2	220	01	8.00					03	800		355458	693038	GW	01					
	1100114-5-3	220	01	8.00					03	800		354451	693081	GW	03					
	1100114-5-4	220	01	10.00					03	1000		354390	691714	GW	03					
	1100114-6-1	220	01	8.00					03	800		347959	693819	GW	03					
	1100114-6-2	220	01	16.00					03	1600		349713	693457	GW	03					
	1100114-6-3	220	01	8.00					03	800		350184	693204	GW	01					
	1100114-6-4	220	01	6.00					03	600		351040	693201	GW	01					
	1100114-6-5	220	01	6.00					03	600		351014	692525	GW	01					
	1100114-6-6	220	01	16.00					03	1600		349248	692951	GW	03					
	1100114-6-7	220	01	8.00					03	800		349226	692383	GW	01					
	1100114-6-8	220	01	8.00					03	800		348394	692310	GW	01					
	1100114-6-9	220	01	8.00					03	800		348353	691943	GW	01					
	1100114-6-10	220	01	8.00					03	800		348103	691472	GW	01					
	1100114-6-11	220	01	8.00					03	800		351042	691493	GW	01					
	1100114-7-1	220	01	8.00					03	800		350503	690531	GW	01					
	1100114-7-2	220	01	8.00					03	800		349007	688141	GW	01					
	1100114-7-3	220	01	8.00					03	800		352862	688128	GW	01					
	1100114-7-4	220	01	8.00					03	800		348969	687434	GW	01					
	1100114-8-1	220	01	12.00					03	1200		354122	690467	GW	03					
	1100114-8-2	220	01	8.00					03	800		357733	690490	GW	03					
	1100114-8-3	220	01	8.00					03	800		357738	689731	GW	03					
	1100114-8-4	220	01	8.00					03	800		356029	688057	GW	03					
	1100114-8-5	220	01	12.00					03	1200		353775	687449	GW	03					
	1100114-8-6	220	01	8.00					03	800		354473	686699	GW	03					
	1100114-9-1	220	01	8.00					03	800		358594	688448	GW	03					
1100116		80.87	03	22.20	02	11	11/88	AG	GW	12		DAVID C.	BROWN			61	0.4	1	120	0.50
	1100116-1	233	02	8.00	02	40	20		01	800		285308	630049	GW	01					
	1100116-2	233	02	8.00	02	40	20		01	800		285285	629470	GW	01					
	1100116-3	233	02	8.00	02	40	20		01	800		285309	628790	GW	01					
	1100116-4	233	02	8.00	02	40	20		01	800		285284	628038	GW	01					
	1100116-5	233	02	8.00	02	40	20		01	800		285268	627367	GW	01					
	1100116-6	233	02	8.00	02	40	20		01	800		285412	626697	GW	01					
	1100116-7	233	02	8.00	02	40	20		01	800		285226	626195	GW	01					
	1100116-8	233	02	8.00	02	40	20		01	800		285270	625543	GW	01					
	1100116-9	233	02	8.00	02	40	20		01	800		286745	629780	GW	01					
	1100116-10	233	02	8.00	02	40	20		01	800		286463	628640	GW	01					
	1100116-11	233	02	8.00	02	40	20		01	800		286655	626366	GW	01					
	1100116-12	233	02	8.00	02	40	20		01	800		286627	625679	GW	01					
1100117		508.80	03	4.01	02	11	5/89	AG	BOTH	5	3	MICHAEL & JOE PROCACCI				60	0.4	1	625	0.50
1100117																15	0.4	1	60	0.75
	1100117-613	217	01	10.00	02				03	800		250871	693188	GW	03					
	1100117-614	217	01	14.00	02				03	800		253249	693206	GW	03					
	1100117-676	218	01	8.00	02	95	60		03	1000		263904	684087	GW	03					

	1100117-659	218	01	8.00	02	95	60		03	1000	263923	683739	GW	03					
	1100117-627	218	01	4.00					03	1000	262790	684891	GW	03					
1100118		32.60	03	61.1	02	11	2/79	AG	GW	14	PDA TEMPLE GROVE				15	0.4	1	75	0.85
1100118															12	0.4	1	75	0.85
	1100118-1	217	01	2.00	02	65			01	65	248243	688202	GW	03					
	1100118-2	217	01	2.00	02	65			01	65	249575	688425	GW	03					
	1100118-3	217	01	6.00	02	65			01	700	249563	688053	GW	03					
	1100118-4	217	01	2.00	02	65			01	65	250838	688435	GW	03					
	1100118-5	217	01	6.00	02	65			01	700	251002	688652	GW	03					
	1100118-6	217	01	2.00	02	65			01	65	251411	688380	GW	03					
	1100118-7	217	01	2.00	02	65			01	65	250980	687744	GW	03					
	1100118-8	217	01	2.00	02	65			01	65	251387	688004	GW	03					
	1100118-9	217	01	6.00	02	65			01	700	251624	687837	GW	03					
	1100118-10	217	01	2.00	02	65			01	65	251468	687673	GW	03					
	1100118-11	217	01	2.00	02	65			01	65	251468	687501	GW	03					
	1100118-12	217	01	2.00	02	65			01	65	251501	687333	GW	03					
	1100118-13	217	01	2.00	02	65			01	65	252120	687754	GW	03					
	1100118-14	217	01	8.00	02	65			01	1000	252111	688302	GW	03					
1100119				223.0	02	11	11/86	AG	GW	12	ALTCO (FELDA GROVE)				13	1.5	15	1800	0.50
	1100119-1	191	01	6.00	02	70	50		02	600	380900	792550	GW	01					
	1100119-2	191	01	6.00	02	70	50		02	600	380500	790850	GW	01					
	1100119-3	191	01	6.00	02	70	50		02	600	378200	790500	GW	01					
	1100119-4	191	01	6.00	02	70	50		02	600	378800	789000	GW	01					
	1100119-5	191	01	6.00	02	70	50		02	600	378800	787650	GW	01					
	1100119-6	191	01	6.00	02	70	50		02	600	378600	787700	GW	01					
	1100119-7	173	01	6.00	02	70	50		02	600	380726	787720	GW	01					
	1100119-8	173	01	6.00	02	70	50		02	600	381489	788885	GW	01					
	1100119-9	173	01	6.00	02	70	50		02	600	381637	793087	GW	01					
	1100119-10	191	01	6.00	02	70	50		02	600	382424	787591	GW	01					
	1100119-11	191	01	6.00	02	70	50		02	600	383301	787164	GW	01					
1100120		71.84	03	26.44	02	11	12/88	AG	GW	6	BOB PAUL, INC.				13	0.8	15	175	0.85
	1100120-1	190	03	12.00	02	210				500	349431	777537	GW	04					
	1100120-2	190	01	8.00	02	80				250	350454	776467	GW	01					
	1100120-3	190	01	8.00	02	80				250	351121	776453	GW	01					
	1100120-4	190	01	8.00	02	80				450	351614	776455	GW	01					
	1100120-5	190	01	8.00	02	80				450	350606	775206	GW	01					
	1100120-6	190	01	8.00	02	80				450	351418	775191	GW	01					
1100121		4918.70	03	751.86	02	11	6/87	AG	GW	58	ABC FARMS, INC.				61	0.4	19	2610	0.50
1100121															15	0.4	19	300	0.50
	1100121-604	190	01	2.00	02	22	20		01	200	357902	750385	GW	01					
	1100121-8A	190	01	8.00	02	30	20		01	800	356188	751234	GW	01					
	1100121-8B	190	01	8.00	02	26	20		01	600	355659	750961	GW	01					
	1100121-8C	190	01	6.00	02	26	20		01	600	354970	751150	GW	01					
	1100121-8D	190	01	6.00	02	26	20		01	600	354922	750092	GW	01					
	1100121-8E	190	01	6.00	02	26	20		01	600	354353	754086	GW	01					
	1100121-8F	190	01	6.00	02	26	20		01	600	353183	754078	GW	01					
	1100121-8G	190	01	6.00	02	26	20		01	600	353231	752163	GW	01					
	1100121-8H	190	01	6.00	02	26	20		01	600	356136	752408	GW	01					
	1100121-13A	190	01	8.00	02	40	40		01	800	345735	749272	GW	01					
	1100121-13B	190	01	8.00	02	42	40		01	800	347308	747927	GW	01					
	1100121-13C	190	01	6.00	02	47	40		01	800	346797	745702	GW	01					
	1100121-13D	190	01	10.00	02	45	40		01	1000	345146	748363	GW	01					

	1100121-16A	190	01	2.00	02	20	20	01	200	362657	748894	GW	01					
	1100121-16B	190	01	10.00	02	23	20	01	1000	360774	748478	GW	01					
	1100121-16C	190	01	10.00	02	120	40	01	1000	359276	748330	GW	03					
	1100121-16D	190	01	2.00	02	60	60	01	200	363210	745590	GW	01					
	1100121-16E	190	01	6.00	02	50	40	01	600	360073	745545	GW	01					
	1100121-16F	190	01	6.00	02	20	20	01	600	359813	744548	GW	01					
	1100121-16G	190	01	8.00	02	55	40	01	800	361039	744832	GW	01					
	1100121-17A	190	01	6.00	02	110	60	01	600	353520	748466	GW	03					
	1100121-17B	190	01	6.00	02	36	20	01	600	355217	749037	GW	01					
	1100121-17C	190	01	8.00	02	50	40	01	800	354093	746719	GW	01					
	1100121-17D	190	01	8.00	02	50	40	01	800	356813	748077	GW	01					
	1100121-17E	190	01	8.00	02	56	40	01	800	356797	747120	GW	01					
	1100121-17F	190	01	10.00	02	90	40	01	1000	357244	746328	GW	03					
	1100121-17G	190	01	10.00	02	55	40	01	1000	358046	745329	GW	01					
	1100121-17H	190	01	8.00	02	120	60	01	800	353388	746491	GW	03					
	1100121-17I	190	01	8.00	02	60	40	01	800	355451	746891	GW	01					
	1100121-17J	190	01	6.00	02	50	40	01	600	356450	746270	GW	01					
	1100121-17K	190	01	10.00	02	100	60	01	1000	355113	745862	GW	03					
	1100121-18A	190	01	8.00	02	25	20	01	800	350964	749643	GW	01					
	1100121-18B	190	01	6.00	02	115	60	01	600	350588	745301	GW	03					
	1100121-18C	190	01	8.00	02	109	60	01	800	349093	746110	GW	03					
	1100121-18D	190	01	8.00	02	115	60	01	800	349105	745630	GW	03					
	1100121-18E	190	01	8.00	02	60	40	01	800	351609	746960	GW	01					
	1100121-18F	190	01	8.00	02	70	60	01	800	352410	747915	GW	01					
	1100121-19A	205	01	8.00	02	30	20	01	800	350690	740296	GW	01					
	1100121-19B	205	01	8.00	02	60	40	01	800	347858	741618	GW	01					
	1100121-19C	205	01	8.00	02	50	40	01	800	349467	739455	GW	01					
	1100121-19D	205	01	10.00	02	70	60	01	1000	347759	739358	GW	01					
	1100121-19E	205	01	8.00	02	32	32	01	1000	349536	740763	GW	01					
	1100121-20A	205	01	8.00	02	32	32	01	800	354612	744221	GW	01					
	1100121-20B	205	01	8.00	02	35	25	01	800	354322	743975	GW	01					
	1100121-21A	205	01	10.00	02	51	40	01	1000	362411	743294	GW	01					
	1100121-21B	205	01	8.00	02	60	40	01	800	363746	744695	GW	01					
	1100121-21C	205	01	8.00	02	65	40	01	800	362795	744790	GW	01					
	1100121-21D	205	01	8.00	02	50	40	01	800	365761	743469	GW	01					
	1100121-21E	205	01	10.00	02	42	40	01	1000	367461	742996	GW	01					
	1100121-21F	190	01	8.00	02	60	40	01	800	367749	744774	GW	01					
	1100121-21G	205	01	10.00	02	50	40	01	1000	367643	745994	GW	01					
	1100121-21H	190	01	8.00	02	55	40	01	800	362124	743134	GW	01					
	1100121-21I	190	01	8.00	02	60	40	01	800	363286	742946	GW	01					
	1100121-21J	205	01	10.00	02	90	60	01	1000	358775	741635	GW	01					
	1100121-P1	190	02	10.00	02	150	60	03	600	346132	745453	GW	03					
	1100121-P2	190	02	10.00	02	150	60	03	600	356196	749690	GW	03					
	1100121-P3	190	02	10.00	02	150	60	03	600	351693	747550	GW	03					
	1100121-P4	190	01	10.00	02	150	60	01	600	361984	744264	GW	03					
1100122	368.00		03	125.0	02	11	2/79 AG	GW	8	TURNER CORP				20	0.8	1	500	0.50
1100122														61	0.9	1	24	0.50
	1100122-2-1	191	03	8.00				03	300	378275	753891	GW	01					
	1100122-2-2	191	03	8.00				03	300	378361	751778	GW	01					
	1100122-10-1	191	03	4.00				03	100	378275	753891	GW	01					
	1100122-10-2	191	03	9.00				03	600	378361	751778	GW	01					
	1100122-10-3	190	01	8.00				03	600	367729	750405	GW	01					
	1100122-12-1	191	03	6.00				03	200	378275	753891	GW	01					
	1100122-12-2	191	03	10.00				03	400	378361	751778	GW	01					
	1100122-12-3	190	03	8.00				03	400	376694	752307	GW	01					

1100123		3.25		03	3.14	02	11	9/84	AG	GW	2	PAUL J. KRUSE				13	0.4	1	15	0.75
	1100123-1		219	02	8.00	02	100	80		01	1200	303524	683180	GW	03					
	1100123-2		219	02	8.00	02	100	80		01	1200	303497	682545	GW	03					
1100125		190.40		03	50.70	02	11	1/85	AG	BOTH	3 3	ROYCE O. STALLING				61	0.4	1	60	0.50
1100125																61	0.4	1	40	0.85
	1100125-1		217	01	8.00	02	45	40		02	800	249517	682981	GW	01					
	1100125-2		217	01	8.00	02	45	40		02	800	250765	682967	GW	01					
	1100125-3		217	01	8.00	02	40	20		02	205	248364	681735	GW	01					
	1100125-SW1		217	01	20.00					02	8000	248131	682218	SW	01					
	1100125-SW2		217	01	20.00					02	8000	249447	681873	SW	01					
	1100125-SW3		217	01	20.00					02	8000	250439	681935	SW	01					
1100126		13.03		03	51.90	02	11	3/79	AG	GW	2	D.T. FARMS INC.				60	0.4	1	60	0.50
	1100126-1		218	03	8.00	02	45	45			1000	255711	695518	GW	01					
	1100126-2		218	03	8.00	02	45	45			700	254854	695493	GW	01					
1100128					1415.0	01	11	9/81	AG	GW	25	ALICO				13	1.5	15	3455	0.50
	1100128		189	01	8.00	02	32				600	318734	787715	GW	01					
	1100128		189	01	9.00	02	30				600	319407	787660	GW	01					
	1100128		189	01	9.00	02	44				600	320776	785500	GW	01					
	1100128		189	01	6.00	02	28				600	318378	784756	GW	01					
	1100128		189	01	9.00	02	41				600	318202	781523	GW	01					
	1100128		189	01	6.00	02	45				600	334723	783071	GW	01					
	1100128		189	01	6.00	02	45				500	333385	784507	GW	01					
	1100128		189	01	6.00	02	55				500	334168	784656	GW	01					
	1100128		189	01	6.00	02	55				500	332745	787685	GW	01					
	1100128		189	01	6.00	02	30				500	329628	785595	GW	01					
	1100128		189	01	6.00	02	90				500	331994	786998	GW	03					
	1100128-14		171	01	8.00	02	190				650	334530	791410	GW	03					
	1100128-15		171	01	8.00	02	190				650	335678	791091	GW	03					
	1100128-1		171	01	6.00	02	60				500	336215	790122	GW	03					
	1100128-2		171	01	6.00	02	150				500	336215	788608	GW	03					
	1100128-3		171	01	10.00	02	196				1100	335974	788155	GW	03					
	1100128-10		171	01	4.00	02	48				350	329939	788177	GW	01					
	1100128-11		171	01	6.00	02	30				500	329495	789057	GW	01					
	1100128-12		171	01	6.00	02	45				500	329382	788205	GW	01					
	1100128-1		171	04	7.00	02	45				500	315806	790673	GW	01					
	1100128-2		171	01	10.00	02	45				1100	319980	791368	GW	01					
	1100128-3		171	01	9.00	02	39				600	322822	791611	GW	01					
	1100128-4		171	01	9.00	02	38				600	321103	789453	GW	01					
	1100128-5		171	01	9.00	02	46				600	322600	789637	GW	01					
	1100128-6		171	01	9.00	02	33				600	323823	789630	GW	01					
1100129		10.85		03	4.82	02	11	3/79	AG	GW	1	RED CATTLE CO.				13	0.8	1	25	0.75
	1100129-1		190	03	6.00	02	240	240		02	800	359196	758512	GW	04					
1100130		53.10		03	41.8	02	11	3/79	LAN	GW		1 SHELTON CORP.OF CANADA LTD.				15	0.4	1	150	0.75
	1100130-SW1		217	01						03	1200	247587	667474	SW	01					
1100131		85.80		03	82.30	02	11	3/79	LAN	GW	3	LELY ESTATES INC.				15	0.4	1	300	0.75
	1100131-1		233	01	12.00	02	32	31		03	1200	256496	644394	GW	01					
	1100131-2		233	01	10.00	02	18	17		03	900	257855	642358	GW	01					
	1100131-3		233	01	6.00	02	17	16		03	300	260264	643109	GW	01					

1100135		387.93	03	93.34	02	11	12/87	AG	GW	13		LAKE TRAFFORD GROVE				13	0.4	26	333	0.85
1100135																20	0.4	26	200	0.50
	1100135-1	205	01	6.00	02	110			01	800		359716	739215	GW	01					
	1100135-2	205	01	10.00	02	110			01	1200		361030	739218	GW	01					
	1100135-3	205	01	6.00	02	110			01	800		361615	739242	GW	01					
	1100135-4	205	01	6.00	02	110			01	800		362271	739142	GW	01					
	1100135-5	205	01	6.00	02	110			01	800		362352	737523	GW	01					
	1100135-6	205	01	10.00	02	110			01	1200		362315	736726	GW	01					
	1100135-7	205	01	10.00	02	110			01	1200		362350	734182	GW	01					
	1100135-8	205	01	8.00	02	110			01	800		363388	734195	GW	01					
	1100135-9	205	01	10.00	02	110			01	1200		359567	734265	GW	01					
	1100135-10	205	01	10.00	02	46			01	550		362985	736704	GW	01					
	1100135-11	205	01	10.00	02	46			01	550		363033	736347	GW	01					
	1100135-12	205	01	12.00	02	200	120		01	1000		361251	736291	GW	03					
	1100135-13	205	01	12.00	02	200	120		01	1000		360397	736596	GW	03					
1100136		8.47	03	5.91	02	11	3/79	AG	GW	2		ASGROW SEED CO.				60	0.4	1	23	0.50
1100136																15	0.4	1	1	0.50
	1100136-1	203	01	8.00	02	179			03	450		269061	705434	GW	03					
	1100136-2	203	01	8.00	02	184			03	450		269083	703533	GW	03					
1100138		35.50	03	21.10	02	11	5/79	GLF	SW		2	GOLDEN GATE GOLF COURSE				15	0.4	1	77	0.75
	1100138-SW1	218	01						03	500		272582	671487	SW	01					
	1100138-SW2	218	01						03	500		274142	670117	SW	01					
1100140		18.25	03	47.50	02	11	5/79	AG	GW	2		HARRY C. McDONALD				13	0.8	26	84	0.50
	1100140-1	190	01	8.00	02	120			02	600		353512	779223	GW	03					
	1100140-2	190	01	8.00	02	120			02	600		353540	780012	GW	03					
1100143		30.58	03	10.35	02	11	10/89	AG	GW	5		T. SIMPSON (BIG ISLAND CITRUS)				13	0.4	1	57	0.85
1100143																70	0.4	1	4	0.20
	1100143-1	204	04	6.00	02	130	20		01	500	03	314543	738710	GW	01					
	1100143-2	204	04	6.00	02	130	20		01	500	03	315259	737043	GW	01					
	1100143-3	204	04	6.00	02	160	20		01	500	03	313986	737007	GW	01					
	1100143-4	204	01	12.00	02	160	133		02	700	03	314527	737741	GW	03					
	1100143-5	204	01	12.00	02	160	133		02	700	03	315172	737717	GW	03					
1100144		214.59	03	49.0	02	11	3/84	AG	GW	3		DAN MCALLISTER (DOUBLE DFARM)				61	0.4	1	200	0.50
	1100144-3	233	01	8.00	02	40	20		01	400		266893	625425	GW	01					
	1100144-4	233	01	8.00	02	45	25		01	600		266489	625078	GW	01					
	1100144-5	233	02	8.00	02	60	30		01	350		266457	627798	GW	01					
1100145		47.40	03	13.70	02	11	3/80	LAN	SW		3	KINGS LAKE, LTD.				15	0.4	1	50	0.75
	1100145-SW1	218	02						02	300		254888	651994	SW	01	WTHDRL FROM 25 ACRE LAKE-15FT. DEEP				
	1100145-SW2	233	02						02	700		255421	651697	SW	01					
	1100145-SW3	218	02						02	700		256153	652134	SW	01					
1100146				22.60	02	11	7/86	AG	GW	2		HARRY C. McDONALD				13	0.8	15	40	0.50
	1100146-1	190	01	6.00	02	84				500		354736	784631	GW	01					
	1100146-2	190	01	6.00	02	84				500		354638	783403	GW	01					
1100147				177.0	02	11	3/82	AG	GW	41		MILES SCOFIELD				13	0.8	26	640	0.85
1100147																15	0.8	26	2520	0.50
	1100147-29-1	192	01	6.00	02	61				600		420434	767462	GW	03					
	1100147-28-1	192	01	6.00	02	84				600		426408	771287	GW	03					
	1100147-28-2	192	01	6.00	02					600		424256	769126	GW	03					

	1100147-28-3	192	01	6.00	02	59				600	421786	768661	GW	03						
	1100147-18-1	191	01	8.00	02	185				800	413899	778428	GW	03						
	1100147-18-2	191	01	8.00	02	103				800	412913	779107	GW	03	WINDMILL					
	1100147-18-3	191	01	8.00	02	178				800	412065	777924	GW	03						
	1100147-18-4	191	01	6.00	02	80				600	413897	780619	GW	03						
	1100147-18-5	191	01	8.00	02	103				800	413420	779809	GW	03						
	1100147-19-1	191	01	6.00	02	80				600	415371	771997	GW	03						
	1100147-19-2	191	01	6.00	02	88				600	414951	772255	GW	03						
	1100147-19-3	191	01	8.00	02	96				800	417421	773611	GW	03						
	1100147-19-4	191	01	8.00	02	96				800	414483	774514	GW	03						
	1100147-19-5	191	01	8.00	02	94				800	413007	774457	GW	03						
	1100147-19-6	191	01	6.00	02	84				600	411651	774473	GW	03						
	1100147-19-7	191	01	6.00	02	87				600	411127	775567	GW	03						
	1100147-19-8	191	01	8.00	02	101				800	414214	776589	GW	03						
	1100147-30-1	191	01	10.00	02	69				1000	415968	766996	GW	03						
	1100147-30-2	191	01	8.00	02	95				800	414362	768926	GW	03						
	1100147-30-3	191	01	6.00	02	69				600	414016	771227	GW	03						
	1100147-30-4	191	01	6.00	02	79				600	411212	766981	GW	03						
	1100147-13-1	191	01	8.00	02	102				800	406788	776884	GW	03						
	1100147-13-2	191	01	8.00	02	107				800	407803	778654	GW	03						
	1100147-13-3	191	01	4.00	02	25				400	407037	779194	GW	01	WINDMILL					
	1100147-14-1	191	01	6.00	02	39				600	401723	778989	GW	01						
	1100147-14-2	191	01	6.00	02	97				600	401785	779611	GW	03						
	1100147-14-3	191	01	6.00	02	110				600	401050	779414	GW	03						
	1100147-14-4	191	01	4.00	02	23				400	400786	779734	GW	01						
	1100147-22-1	191	01	6.00	02	94				600	400240	775742	GW	03						
	1100147-23-1	191	01	6.00	02	84				600	401826	773772	GW	03						
	1100147-23-2	191	01	6.00	02	115				600	402290	774718	GW	03						
	1100147-23-3	191	01	9.63	02	103				1000	401547	775782	GW	03						
	1100147-23-4	191	01	9.63	02	103				1000	401288	775819	GW	03						
	1100147-24-1	191	01	8.00	02	99				800	410818	772720	GW	03						
	1100147-24-2	191	01	8.00	02	105				800	410401	774748	GW	03						
	1100147-25-1	191	01	8.00	02	58				800	410674	766621	GW	01						
	1100147-25-2	191	01	8.00	02	92				800	409634	769379	GW	03						
	1100147-25-3	191	01	8.00	02	94				800	408702	769820	GW	03						
	1100147-25-4	191	01	8.00	02	99				800	407139	768688	GW	03						
	1100147-26-1	191	01	6.00	02	81				600	405397	769318	GW	03						
	1100147-26-2	191	01	8.00	02	105				800	403111	769273	GW	03						
1100150		62.00	03	8.73	02	11	12/89	LAN	BOTH	2	2 LAKEWOOD C.C					15	0.4	1	48	0.75
	1100150-1	232	01	6.00	02	20	20		01	400	253238	650708	GW	01						
	1100150-2	232	01	6.00	02	70	70		01	400	253323	649835	GW	03						
	1100150-SW1	232	01	6.00						400	253398	650774	SW	01						
	1100150-SW2	232	01	6.00						400	253431	649853	SW	01						
1100151		.		233.0	02	11	7/79	AG	GW	7	GULFCOAST FARMS INC.					61	0.8	1	350	0.75
	1100151-1	202	01	8.00	02	30			03	800	253401	720960	GW	01						
	1100151-2	203	01	8.00	02	30			03	800	254318	720013	GW	01						
	1100151-3	203	01	8.00	02	30			03	800	254923	721264	GW	01						
	1100151-4	203	01	6.00	02	30			03	800	255311	717349	GW	01						
	1100151-5	203	01	8.00	02	30			03	800	255422	716949	GW	01						
	1100151-6	203	01	8.00	02	30			03	800	256103	716758	GW	01						
	1100151-7	203	01	8.00	02	30			03	800	254337	717368	GW	01						
1100152				155.0	02	11	7/79	AG	BOTH	3	1 CRAIG HALL (HALL FARM)					61	0.8	1	200	0.50
	1100152-1	203	01	10.00	02	48			03	600	260237	711158	GW	01	PRIMARY SOURCE OF IRRIGATION					

	1100152-2		203 03	8.00 02	48		03	600	258682	706578 GW 01	FROM NEARBY DEWATERING OPERATION				
	1100152-3		203 03	8.00 02	48		03	600	258585	708240 GW 01	VIA 30"X16' FLASHBOARD				
	1100152-SW1		203 01				03	6000	260589	705739 SW 01	(HARPER BROS. PUT IT)				
1100157				164.0 02	11 9/79	AG	GW	5	MANATEE FRUIT CO.			60	0.4	1	272 0.50
	1100157-1		202 01	6.00 02			03	700	248698	702630 GW 03					
	1100157-2		202 01	8.00 02	60		03	700	248074	697420 GW 03					
	1100157-3		202 01	8.00 02	60		03	700	249128	697623 GW 03					
	1100157-4		202 01	8.00 02			03	1000	247488	698677 GW 03					
	1100157-5		217 01	8.00 02			03	700	248065	695654 GW 03					
1100158		175.21	03	48.0 02	11 3/89	AG	SW		1 KENT MANLEY (MANLEY FARMS)			61	0.4	1	260 0.50
	1100158 SW1		218 01				01	5000	258810	677946 SW 01					
1100164		423.00	03	415.0 02	11 11/79	AG	GW	19	HARVEY BROTHERS FARMS			61	0.4	1	900 0.50
	1100164-27-1		203 01	8.00 02	60		03	800	269101	702221 GW 03					
	1100164-27-2		203 01	8.00 02	60		03	800	270355	702097 GW 03					
	1100164-27-3		203 01	8.00 02	60		03	800	270372	704077 GW 03					
	1100164-27-4		203 01	8.00 02	60		03	600	270488	704867 GW 03					
	1100164-28-1		203 04	8.00 02	60		03	800	268809	704418 GW 03					
	1100164-28-2		203 01	8.00 02	60		03	600	268825	705406 GW 03					
	1100164-28-3		203 01	8.00 02	60		03	600	267831	705050 GW 03					
	1100164-33-1		218 01	8.00 02	60		03	600	265268	694966 GW 03					
	1100164-33-2		218 01	8.00 02	60		03	600	265424	696070 GW 03					
	1100164-33-3		218 01	8.00 02	60		03	600	264141	696743 GW 03					
	1100164-33-4		218 01	8.00 02	60		03	600	267866	695450 GW 03					
	1100164-33-5		218 01	8.00 02	60		03	600	268072	697114 GW 03					
	1100164-33-6		203 01	8.00 02	60		03	600	266356	697749 GW 03					
	1100164-33-7		203 01	8.00 02	60		03	600	266625	698541 GW 03					
	1100164-33-8		203 01	8.00 02	60		03	600	266395	699136 GW 03					
	1100164-33-9		203 01	8.00 02	60		03	600	267710	699563 GW 03					
	1100164-33-10		203 01	8.00 02	60		03	600	264492	700231 GW 03					
	1100164-34-1		218 01	8.00 02	60		03	600	270907	695348 GW 03					
	1100164-34-2		218 01	8.00 02	60		03	600	273156	695385 GW 03					
1100167		220.00	03	63.20 02	11 5/80	LAN	BOTH	2	2 WYNDEMERE HOLDING INC.			15	0.4	1	232 0.75
	1100167-1		218 01	8.00 02			03	650	258067	674467 GW 01					
	1100167-2		218 01	8.00 02			03	650	257778	674284 GW 01					
	1100167-SW1		218 01				03	750	257370	674237 SW 01					
	1100167-SW2		218 01				03	750	257370	674237 SW 01					
1100170		21.99	03	3.09 02	11 12/89	LAN	BOTH	2	1 CAN-AMERICAN NAPLES LTD.			15	0.4	1	17 0.75
	1100170-1		217 01	4.00 02	65	60	01	400	248404	687571 GW 03					
	1100170-2		217 01	6.00 02	65	60	01	600	250500	687599 GW 03					
	1100170-SW1		217 01				01	1000	249481	687573 SW 01					
1100171		74.80	03	93.0 02	11 1/80	AG	GW	8	DIANE WILLIAMS			61	0.8	2	120 0.75
	1100171-1		202 01	6.00 02	30		03	600	250087	718724 GW 01					
	1100171-2		202 01	6.00 02	30		03	600	249565	718631 GW 01					
	1100171-3		202 01	6.00 02	30		03	600	249016	718685 GW 01					
	1100171-4		202 01	6.00 02	30		03	600	248872	718152 GW 01					
	1100171-5		202 01	6.00 02	30		03	600	248951	717874 GW 01					
	1100171-6		202 01	6.00 02	30		03	600	249227	717239 GW 01					
	1100171-7		202 01	6.00 02	30		03	600	247972	717284 GW 01					
	1100171-8		202 01	6.00 02	72		03	600	248689	716861 GW 03					

1100172					64.80	02	11	1.80	AG	GW	13		BERRY GROVES					13	0.8	15	350	0.85
	1100172-1		190	03	10.00	02	90	70			200		350411	781729	GW	01	FREEZE PROTECTION ONLY					
	1100172-2		190	03	10.00	02	90	70			200		351022	781758	GW	01	FREEZE PROTECTION ONLY					
	1100172-3		190	03	10.00	02	90	70			200		351568	781858	GW	01	FREEZE PROTECTION ONLY					
	1100172-4		190	03	10.00	02	90	70			200		350692	780717	GW	01	FREEZE PROTECTION ONLY					
	1100172-5		190	03	10.00	02	90	70			200		351913	780801	GW	01	FREEZE PROTECTION ONLY					
	1100172-6		190	03	10.00	02	90	70			200		350403	779439	GW	01	FREEZE PROTECTION ONLY					
	1100172-7		190	03	10.00	02	90	70			200		351381	779447	GW	01	FREEZE PROTECTION ONLY					
	1100172-8		190	03	10.00	02	90	70			200		351805	779407	GW	01	FREEZE PROTECTION ONLY					
	1100172-9		190	03	10.00	02	90	70			200		352206	779435	GW	01	FREEZE PROTECTION ONLY					
	1100172-10		190	01	8.00	02	200				500		349486	781054	GW	04						
	1100172-11		190	01	8.00	02	200				500		351337	781106	GW	04						
	1100172-12		190	01	8.00	02	200				500		349474	779672	GW	04						
	1100172-13		190	01	8.00	02	200				500		351534	779687	GW	04						
1100175		226.80		03	74.7	02	11	1/80	AG	BOTH	3	1	GEORGE A. SUTHERLAND (S&M FMS)					61	0.4	1	95	0.50
	1100175-1			01	8.00					03	800				GW							
	1100175-2			01	6.00					03	500				GW							
	1100175-3			03	6.00					03	500				GW							
	1100175-SW1			01						03	3000				SW							
1100176					51.80	02	13	2/80	AG	GW	2		DONALD L. STONEBURNER					13	0.4	1	230	0.50
	1100176-1		217	01	8.00	02	65			02	600		253162	690464	GW	03						
	1100176-2		217	01	8.00	02	65			02	600		253205	689716	GW	03						
1100179		242.00		03	34.0	02	11	10/80	REC	GW	3		EAGLE CREEK PROPERTIES,					15	0.4	1	125	0.75
	1100179-1		233	02	6.00	02	45	35		03	200		266672	629375	GW	01	Three 8 ACRE LAKES-RECHARGED					
	1100179-2		233	02	6.00	02	45	35		03	200		269122	629545	GW	01	BY WELLS-GW SOURCE					
	1100179-3		233	02	6.00	02	45	35		03	200		270297	629127	GW	01						
1100180		12.40		03	4.55	02	11	3/80	AG	GW	2		A.L. LEINWEBER (BAY WEST NRSRY)					70	0.8	1	18	0.20
	1100180-1		203	01	8.00	02	100	60		01	800		269100	706342	GW	03						
1100183		25.05		03	4.74	02	11	12/86	AG	GW	2		DHR, INC. (DBA PELICAN NURSERY)					70	0.8	1	17	0.20
	1100183-1		203	01	8.00	02	40	25		01	110		273770	708142	GW	01						
	1100183-2		203	02	8.00	02	110	80		02	110		273724	705803	GW	03						
1100184		174.00		03	259.0	02	11	4/80	AG	GW	5		GULF COAST FARM, INC.					60	0.8	1	300	0.50
	1100184-1		203	01	8.00					03	1200		263407	721124	GW	01	SHALLOW AQUIFER WELLS					
	1100184-2		203	02	8.00					03	1200		260907	721144	GW	01						
	1100184-3		203	02	8.00					03	1200		260944	719764	GW	01						
	1100184-4		203	02	8.00					03	1200		260962	717167	GW	01						
	1100184-5		203	02	8.00					03	1200		263432	716491	GW	01						
1100192		794.85		03	81.0	02	11	11/86	GLF	BOTH	2	1	MANCHESTER INVESTMENTS, INC.					15	0.8	1	680	0.75
	1100192-1		203	03	10.00	02	105	75		02	1000		261107	711056	GW	03	CONOHATCHEE SPOR CANAL(PRIMARY SOURCE)					
	1100192-2		203	03	10.00	02	105	80		02	1000		263328	711116	GW	03	L.TAM. AQUIFER(SECONDARY SOURCE)					
1100195		591.00		03	72.0	02	11	9/86	IND	GW		1	NAPLES NORTH QUARRY							1		
	1100195-SW1		203	01						03	8000		275674	701950	GW	01	MINING/DEWATERING OPERATIONS					
1100196		49.00		03	14.0	02	11	10/80	LAN	GW	1		MANCHESTER INVESTMENTS(SHWD PK)					15	0.4	1	50	0.50
	1100196-1		218	01	8.00	02	60	42		03	1000		270232	664004	GW	03						
1100199		56.20		03	21.60	02	11	1/01	AG	GW	1		MANLEY-KENT FARMS, INC.					61	0.4	1	120	0.50

Permit	Well	Acres																				
	1100199-1		217	01	8.00	02				03	500		253284	687836	GW	01						
1100200		85.38		03	12.0	02	11	2/81	LAN	BOTH	2	1	THE MOORINGS, INC.					15	0.4	1	44	0.75
	1100200-1		217	02	2.00	02	60	40		03	50		241268	681813	GW	03						
	1100200-2		217	02	2.00	02	60	40		03	50		240561	679244	GW	03						
	1100200-SW1		217	03						03	475		240866	681894	SW	01						
1100201		93.90		03	51.8	02	11	7/82	AG	GW	2		R. SMITS & SONS					13	0.4	1	120	0.50
	1100201-1		233	01	8.00	02	60	55		03	600		281861	640641	GW	03						
	1100201-2		233	01	8.00	02	60	55		03	600		283606	639157	GW	03						
1100203		23.90		03	19.8	02	11	3/81	AG	GW	1		DELBERT H. SANDERS					61	0.4	1	20	0.50
1100203																		20	0.4	1	15	0.50
	1100203-1		233	02	6.00					03	600		294835	642727	GW	01	SHALLOW AQUIFER WELLS					
1100206		58.44		03	8.70	02	11	3/80	LAN	GW	2	2	BAY FOREST HOMEOWNERS ASSOC.					15	0.8	1	50	0.75
	1100206-1		202	01	8.00	02	35	25		01	800		230886	719134	GW	01						
	1100206-2		202	01	8.00	02	35	25		01	800		230718	718507	GW	01						
	1100206-SW1		202	01						01	200		231026	719162	SW	01						
	1100206-SW2		202	01						01	200		230907	718638	SW	01						
1100207		19.50		03	32.7	02	11	8/81	AG	GW	2		J.& N FARMS					61	0.4	1	42	0.50
	1100207-1		233	02	8.00	02	30	30		02	1300		287135	619090	GW	01						
	1100207-2		233	02	8.00	02	30	30		02	1300		287667	617768	GW	01						
1100210		70.10		03	9.87	02	11	6/83	GLF	BOTH	10	3	WHISPERING PINES(WINDSTAR)					15	0.4	1	54	0.75
	1100210-1		232	02	4.00	02	45			01	80		246041	647580	GW	03						
	1100210-2		232	02	4.00	02	45			01	80		246281	647564	GW	03						
	1100210-3		232	02	4.00	02	45			01	80		246570	647560	GW	03						
	1100210-4		232	02	4.00	02	45			01	80		246858	647560	GW	03						
	1100210-5		232	02	4.00	02	45			01	80		247110	647560	GW	03						
	1100210-6		232	02	4.00	02	45			01	80		246053	647208	GW	03						
	1100210-7		232	02	4.00	02	45			01	80		246285	647192	GW	03						
	1100210-8		232	02	4.00	02	45			01	80		246529	647176	GW	03						
	1100210-9		232	02	4.00	02	45			01	80		246854	647168	GW	03						
	1100210-10		232	02	4.00	02	45			01	80		247126	647176	GW	03						
	1100210-SW1		232	02						01	750		244388	647205	SW	01	ALL SW PUMPS ARE LOCATED IN					
	1100210-SW2		232	02						01	750		244394	647205	SW	01	A SINGLE PUMPING FACILITY					
	1100210-SW3		232	02						01	500		244398	647205	SW	01	PERMIT MAY HAVE EXPIRED 6/86					
1100214		152.00		03	130.0	02	11	12/81	AG	BOTH	10	2	CHRIS SNAPP					13	0.8	26	240	0.50
	1100214-1		206	01	8.00	02	100			03	800		402343	715753	GW	03						
	1100214-2		206	01	8.00	02	100			03	800		401697	715746	GW	03						
	1100214-3		206	01	8.00	02	100			03	800		401100	716171	GW	03						
	1100214-4		206	01	8.00	02	100			03	800		401118	717454	GW	03						
	1100214-5		206	01	8.00	02	100			03	800		401856	717694	GW	03						
	1100214-6		206	01	8.00	02	100			03	800		404221	717811	GW	03						
	1100214-7		206	01	8.00	02	100			03	800		404565	717045	GW	03						
	1100214-8		206	01	8.00	02	100			03	800		406302	717940	GW	03						
	1100214-9		206	01	8.00	02	100			03	800		406299	718750	GW	03						
	1100214-10		206	01	8.00	02	100			03	800		405085	718756	GW	03						
	1100214-SW1		206	01						03	16000		403458	716585	SW	01						
	1100214-SW2		206	01						03	16000		403807	716785	SW	01						
1100215					374.0	02	11	1/82	AG	GW	10		ESTATE OF BARRON COLLIER					61	0.8	1	402	0.50
	1100215-S22		188	01	8.00					03	800		294451	757646	GW	01						

	1100215-523	188	01	8.00					03	800	294446	758250	GW	01					
	1100215-524	188	01	8.00					03	800	292601	758670	GW	01					
	1100215-525	188	01	8.00					03	800	292378	759142	GW	01					
	1100215-526	188	01	8.00					03	800	291642	759153	GW	01					
	1100215-527	188	01	8.00					03	800	287944	757055	GW	03					
	1100215-528	188	01	9.00					03	900	287454	757788	GW	03					
	1100215-529	188	01	9.00					03	900	285856	755890	GW	03					
	1100215-1	188	02	6.00					03	600	284316	754259	GW	03					
	1100215-2	188	02	6.00					03	600	284320	753639	GW	03					
1100216				595.92	02	11	3/87	AG	GW	81	BARRON COLLIER CO.(SVR STRD SQ)				12	0.4	19	975	0.50
1100216	+														61	0.4	19	1846	0.50
	1100216-7-1	205	01	10.00	02	72	44		01	1000	348438	722769	GW	01					
	1100216-7-2	205	03	8.00	02	73	46		02	800	352903	722376	GW	01					
	1100216-7-3	205	01	10.00	02	75	47		02	1000	351742	721394	GW	01					
	1100216-7-4	205	03	5.00	02	59	42		03	500	351366	719858	GW	01					
	1100216-7-5	205	01	9.00	02	68	44		02	900	351617	719067	GW	01					
	1100216-8-1	205	03	6.00	02	78	48		03	600	357152	723026	GW	01					
	1100216-8-2	205	03	10.00	02	76	55		03	1000	355944	721656	GW	01					
	1100216-8-3	205	01	9.00	02	75	46		02	900	356715	721386	GW	01					
	1100216-8-4	205	03	6.00	02	71	43		03	600	356005	720670	GW	01					
	1100216-8-5	205	03	9.00	02	73	48		03	900	354495	718637	GW	01					
	1100216-9-1	205	01	8.00	02	69	46		02	800	359768	722822	GW	01					
	1100216-9-2	205	01	9.00	02	66	42		02	900	362787	723057	GW	01					
	1100216-9-3	205	03	9.00	02	64	42		03	900	361873	722499	GW	01					
	1100216-9-4	205	03	10.00	02	66	41		02	1000	359895	721651	GW	01					
	1100216-9-5	205	01	13.00	02	72	43		02	1000	361008	720862	GW	01					
	1100216-9-6	205	03	9.00	02	68	45		03	900	360143	720451	GW	01					
	1100216-9-7	205	03	9.00	02	67	43		03	900	359920	720100	GW	01					
	1100216-9-8	205	03	8.00	02	69	44		03	800	358823	719708	GW	01					
	1100216-9-9	205	01	10.00	02	66	44		02	1000	363520	719665	GW	01					
	1100216-9-10	205	03	8.00	02	67	43		03	800	358871	718581	GW	01					
	1100216-16-1	205	01	10.00	02	200	100		02	1000	361138	717903	GW	03					
	1100216-16-2	205	01	8.00	02	74	52		02	800	358706	715781	GW	01					
	1100216-16-3	205	03	8.00	02	72	62		03	800	360686	715851	GW	01					
	1100216-16-4	205	02	12.00	02	200	100		02	1000	361154	715719	GW	03					
	1100216-16-5	205	01	8.00	02	71	49		02	800	359375	715131	GW	01					
	1100216-16-6	205	01	8.00	02	73	50		02	400	360196	715137	GW	01					
	1100216-16-7	205	03	8.00	02	66	46		03	800	362765	715126	GW	01					
	1100216-16-8	205	01	10.00	02	80	40		02	1000	360251	714387	GW	01					
	1100216-16-9	205	04	8.00	02	73	48		03	800	361269	714436	GW	01					
	1100216-16-10	205	02	12.00	02	200	100		02	1000	360931	714206	GW	03					
	1100216-16-11	205	01	8.00	02	68	47		02	800	361729	714236	GW	01					
	1100216-17-1A	205	04	9.00	02	71	41		03	900	361751	714547	GW	01					
	1100216-17-1	205	01	13.00	02	80	50		02	1300	353530	717678	GW	01					
	1100216-17-2	205	01	13.00	02	80	50		02	1300	354099	717670	GW	01					
	1100216-17-3	205	01	13.00	02	80	50		02	1300	354748	717625	GW	01					
	1100216-17-4	205	01	13.00	02	80	50		02	1300	355422	717649	GW	01					
	1100216-17-5	205	01	13.00	02	80	50		02	1300	355990	717600	GW	01					
	1100216-17-6	205	01	13.00	02	80	50		02	1300	356668	717595	GW	01					
	1100216-17-7	205	01	13.00	02	80	50		02	1300	357249	717599	GW	01					
	1100216-17-8	205	01	13.00	02	80	50		02	1300	357798	717611	GW	01					
	1100216-17-9	205	01	13.00	02	80	50		02	1300	358394	716998	GW	01					
	1100216-17-10	205	01	13.00	02	80	50		02	1300	353408	716233	GW	01					
	1100216-17-11	205	01	13.00	02	80	50		02	1300	354301	716246	GW	01					
	1100216-17-12	205	01	13.00	02	80	50		02	1300	354846	716198	GW	01					

1100216-17-13	205	01	13.00	02	80	50		02	1300	355411	716250	GW	01					
1100216-17-14	205	01	13.00	02	80	50		02	1300	356036	716189	GW	01					
1100216-17-15	205	01	13.00	02	80	50		02	1300	356710	716224	GW	01					
1100216-17-16	205	01	13.00	02	80	50		02	1300	357299	716196	GW	01					
1100216-17-17	205	01	13.00	02	80	50		02	1300	357944	716179	GW	01					
1100216-17-18	205	01	13.00	02	80	50		02	1300	353425	714846	GW	01					
1100216-17-19	205	01	13.00	02	80	50		02	1300	354251	714820	GW	01					
1100216-17-20	205	01	13.00	02	80	50		02	1300	354824	714852	GW	01					
1100216-17-21	205	01	13.00	02	80	50		02	1300	355461	714847	GW	01					
1100216-17-22	205	01	13.00	02	80	50		02	1300	356006	714855	GW	01					
1100216-17-23	205	01	13.00	02	80	50		02	1300	356660	714890	GW	01					
1100216-17-24	205	01	13.00	02	80	50		02	1300	357297	714898	GW	01					
1100216-17-25	205	01	13.00	02	80	50		02	1300	357894	714857	GW	01					
1100216-17-26	205	01	13.00	02	80	50		02	1300	358410	714124	GW	01					
1100216-17-27	205	01	13.00	02	80	50		02	1300	353484	713523	GW	01					
1100216-17-28	205	01	13.00	02	80	50		02	1300	354177	713470	GW	01					
1100216-17-29	205	01	13.00	02	80	50		02	1300	354862	713457	GW	01					
1100216-17-30	205	01	13.00	02	80	50		02	1300	355644	713471	GW	01					
1100216-17-31	205	01	13.00	02	80	50		02	1300	356325	713534	GW	01					
1100216-17-32	205	01	13.00	02	80	50		02	1300	357038	713501	GW	01					
1100216-17-33	205	01	13.00	02	80	50		02	1300	357644	713513	GW	01					
1100216-17-34	205	01	13.00	02	80	50		02	1300	358213	713500	GW	01					
1100216-18-1A	205	04	9.00	02	67	42		03	900	351931	715478	GW	01					
1100216-18-2A	205	01	8.00	02	71	45		02	800	348589	714909	GW	01					
1100216-18-3A	205	01	8.00	02	69	42		01	800	349156	713559	GW	01					
1100216-18-1	205	01	13.00	02	80	50		02	1380	351116	717468	GW	01					
1100216-18-2	205	01	13.00	02	80	50		02	1380	351613	717456	GW	01					
1100216-18-3	205	01	13.00	02	80	50		02	1380	352876	717587	GW	01					
1100216-18-4	205	01	13.00	02	80	50		02	1380	351062	716117	GW	01					
1100216-18-5	205	01	13.00	02	250	100		02	1200	351740	716181	GW	01					
1100216-18-6	205	01	13.00	02	80	50		02	1380	352914	716196	GW	01					
1100216-18-7	205	01	13.00	02	80	50		02	1380	350860	714780	GW	01					
1100216-18-8	205	01	13.00	02	80	50		02	1380	351850	714785	GW	01					
1100216-18-9	205	01	13.00	02	80	50		02	1380	352828	714738	GW	01					
1100216-18-10	205	01	13.00	02	80	50		02	1380	350914	713426	GW	01					
1100216-18-11	205	01	13.00	02	80	50		02	1380	351736	713399	GW	01					
1100216-18-12	205	01	13.00	02	80	50		02	1380	352886	713415	GW	01					
1100217		03	52.4	02	11	1/88	AG	GW	12	C. M. HEARTLAND				61	0.8	26	280	0.50
1100217-1	223	01	8.00	02	60	20		01	1000	465000	694000	GW	01					
1100217-2	223	01	8.00	02	60	20		01	1000	465000	694000	GW	01					
1100217-3	223	01	8.00	02	60	20		01	1000	466000	681000	GW	01					
1100217-4	223	01	8.00	02	60	20		01	1000	466000	681000	GW	01					
1100217-5	223	01	8.00	02	60	20		01	1000	462000	681000	GW	01					
1100217-6	223	01	8.00	02	60	20		01	1000	462000	681000	GW	01					
1100217-7	223	01	8.00	02	60	20		01	1000	464000	681000	GW	01					
1100217-8	223	01	8.00	02	60	20		01	1000	464000	681000	GW	01					
1100217-9	223	01	8.00	02	60	20		01	1000	461000	678000	GW	01					
1100217-10	223	01	8.00	02	60	20		01	1000	461000	687000	GW	01					
1100217-11	223	01	8.00	02	60	20		01	1000	463000	683000	GW	01					
1100217-12	223	01	8.00	02	60	20		01	1000	463000	683000	GW	01					
1100220			3.13	02	11	3/82	LAN	SW		2 NAPLES MEMORIAL GARDEN				15	0.4	1	12	0.75
1100220-1	202	01						03	600	233129	705477	SW	01					
1100220-2	202	01						03	200	233273	705341	SW	01					

1100221		121.28	03	34.14 02	11	3/82	LAN	GW	1	US HOME CORPORATION(FOXFIRE)	15	0.4	1	125	0.75
	1100221-1		218 02	10.00					1200	255257 659603 GW 03 WITHDRAWAL FROM L. TAMIAMI TO RECHARE LAKE SYSTEM					
1100222		41.20	03	15.3 02	11	3/82	AG	BOTH	2	3 STAHLMANN & SONS NURSERY	60	0.4	1	60	0.75
	1100222-1		217 01	6.00 02	60	50		03	600	245640 685637 GW 03					
	1100222-2		217 03	6.00 02	60	50		03	600	246473 684999 GW 03					
	1100222-SW1		217 01					03	600	245517 685017 SW 01					
	1100222-SW2		217 01					03	600	245521 685009 SW 01					
	1100222-SW3		217 01					03	65	245538 684845 SW 01					
1100223				302.0 02	11	3/84	AG	GW	7	THE COLLIER COMPANY	61	0.4	26	490	0.50
	1100223-3		221 01	6.00 02	70				1000	385030 687000 GW 01					
	1100223-4		221 01	6.00 02	70				1000	385060 687000 GW 01					
	1100223-5		221 01	6.00 02	70				1000	385090 687000 GW 01					
	1100223-6		221 01	6.00 02	70				1000	385120 687000 GW 01					
	1100223-7		221 01	6.00 02	70				1000	385150 687000 GW 01					
	1100223-8		221 01	6.00 02	70				1000	385180 687000 GW 01					
	1100223-9		221 01	8.00 02	70				1000	385210 687000 GW 01					
1100224				15.0 02	11	4/82	LAN	BOTH	2	2 QUAIL RUN COUNTRY CLUB	15	0.4	1	55	0.75
	1100224-1		217 01	6.00 02	26	22		03	300	245631 682226 GW 01					
	1100224-2		217 01	6.00 02	18	14		03	125	243458 682641 GW 01					
	1100224-SW1		217 01					03	300	245631 682226 SW 01					
	1100224-SW2		217 01					03	300	243462 682657 SW 01					
1100233		2304.36	03	848.13 02	11	9/87	AG	GW	35	BARRON COLLIER SILVER STRD DIV	13	0.8	15	5010	0.85
	1100233-1		190 01	10.00 02	190	130			800	364189 786355 GW 03					
	1100233-2		190 01	10.00 02	190	130			800	365869 786048 GW 03					
	1100233-3		190 02	12.00 02	300	200			800	367548 786275 GW 04					
	1100233-4		190 01	10.00 02	190	130			800	370309 786280 GW 03					
	1100233-5		190 02	12.00 02	300	200			800	370609 782450 GW 04					
	1100233-6		190 01	10.00 02	185	130			800	369180 783422 GW 03					
	1100233-7		190 01	12.00 02	300	200			800	366018 783609 GW 04					
	1100233-8		190 01	10.00 02	185	130			800	364556 783323 GW 03					
	1100233-9		190 01	10.00 02	190	130			800	366071 780892 GW 03					
	1100233-10		190 02	12.00 02	300	200			800	367156 780899 GW 04					
	1100233-11		190 02	12.00 02	300	200			800	368542 778705 GW 04					
	1100233-12		190 02	12.00 02	300	200			800	367441 777928 GW 04					
	1100233-13		190 01	10.00 02	200	140			800	364594 778259 GW 03					
	1100233-14		190 02	12.00 02	300	200			800	363246 777707 GW 04					
	1100233-15		190 01	10.00 02	200	140			800	364522 775198 GW 03					
	1100233-16		190 02	12.00 02	300	200			800	367044 775668 GW 04					
	1100233-17		190 01	10.00 02	200	140			800	367027 772686 GW 03					
	1100233-18		190 01	12.00 02	200	140			800	364802 772805 GW 03					
	1100233-19		190 01	12.00 02	200	140			800	361763 772504 GW 03					
	1100233-20		190 01	12.00 02	200	140			800	359066 772526 GW 03					
	1100233-21		190 01	12.00 02	200	140			800	361467 775160 GW 03					
	1100233-22		190 01	12.00 02	200	140			800	359204 776390 GW 03					
	1100233-23		190 01	12.00 02	200	140			800	358516 779558 GW 03					
	1100233-24		190 01	12.00 02	200	140			800	360922 779602 GW 03					
	1100233-25		190 01	10.00 02	200	140			800	362734 780586 GW 03					
	1100233-26		190 02	12.00 02	300	200			800	358096 781408 GW 04					
	1100233-27		190 01	12.00 02	200	140			800	358609 783906 GW 03					
	1100233-28		190 01	12.00 02	200	140			800	361287 783914 GW 03					
	1100233-29		190 02	12.00 02	300	200			800	361078 786241 GW 04					

	1100233-30		190	02	10.00	02	300	200			800	358644	786335	GW	04						
	1100233-31		172	02	10.00	02	300	200			800	359819	789283	GW	04						
	1100233-32		172	02	10.00	02	300	200			800	362748	789508	GW	04						
	1100233-33		172	02	12.00	02	300	200			800	364608	789820	GW	04						
	1100233-34		172	02	12.00	02	300	200			800	366821	789722	GW	04						
	1100233-35		172	02	12.00	02	300	200			800	369305	789472	GW	04						
	1100233-36		172	02	12.00	02	300	200			800	371329	790982	GW	04						
	1100233-37		172	02	12.00	02	300	200			800	373152	791864	GW	04						
	1100233-38		172	02	12.00	02	300	200			800	369561	792067	GW	04						
	1100233-39		172	02	12.00	02	300	200			800	367478	792205	GW	04						
	1100233-40		172	02	12.00	02	300	200			800	365703	791917	GW	04						
	1100233-41		172	02	12.00	02	300	200			800	363485	792202	GW	04						
	1100233-42		172	02	12.00	02	300	200			800	361045	791833	GW	04						
	1100233-43		172	02	12.00	02	300	200			800	358684	791992	GW	04						
1100243		4.80		03	1.60	02	11	3/83	LAN	GW	1	CMC DEVELOPMENT CORP.					15	0.4	1	6	0.50
	1100243-1		202	02	4.00	02	60	60	60	03	80	236961	697730	GW	03						
1100245		4.00		03	.66	02	11	5/83	AG	GW	1	SMALLWOOD LANDSCAPING					70	0.4	1	3	0.20
	1100245-1		217	01	8.00	02	65	63		03	500	247648	609933	GW	03						
1100250					5.3	02	11	9/83	AG	GW	1	DAVID C. BROWN					13	0.8	15	50	0.85
	1100250-1		190	01	8.00	02	90				600	353150	782200	GW	01						
1100251		27.50		03	10.1	02	11	11/83	AG	GW	1	TREES UNLIMITED CORP.					70	0.8	1	40	0.20
	1100251-1		189	01	8.00	02	60	60	20	01	600	304490	744397	GW	01						
	1100251-2		189	01	2.00	02	60	60		01	72	304500	744363	GW	01						
1100256		1056.00		02			11	12/83	IND	SW	1	MAC ASPHALT, INC.(GOLDEN GATE)							1		
	1100256-SW1		219	01						01	5000	299447	681432	SW	01	FROM ON SITE POND/MINING					
1100257		30.90		03	7.08	02	11	12/83	AG	GW	5	DOROTHY H. MCCONVILLE					70	0.8	1	5	0.20
1100257																	70	0.0	1	20	0.20
	1100257-1		203	02	4.00	02	80	80		01	400	275587	705500	GW	01						
	1100257-2		203	02	8.00	02	80	80		01	800	275596	705288	GW	01						
	1100257-3		203	02	8.00	02	80	80		01	800	275144	705284	GW	01						
	1100257-4		203	02	8.00	02	80	80		01	800	275136	705028	GW	01						
	1100257-5		203	02	8.00	02	80	80		01	800	275592	705072	GW	01						
1100260		6.7		03	0.54	02	11	5/84	LAN	GW	3	COMMUNTITY SCHOOL OF NAPLES					15	0.8	1	3	0.75
	1100260-1		217	01	2.00	02	100	50		01	75			GW	03						
	1100260-2		217	01	2.00	02	100	50		01	75			GW	03						
1100261		5152.44		03	912.04	02	11	7/87	AG	GW	68	COLLIER CO.(SILVER STRAND IV)					61	0.4	26	4436	0.50
	1100261-1		205	04	6.00					04	600	350747	732696	GW	01	BURIED					
	1100261-2		205	03	8.00					01	800	351120	732698	GW	01						
	1100261-3		205	03	8.00	02	38	36		01	800	352475	732213	GW	01						
	1100261-4		205	03	8.00	02	78	64		01	800	354915	729487	GW	01						
	1100261-5		205	04	6.00					04	600	355955	730021	GW	01	KNOCKED OVER					
	1100261-6		205	01	8.00					01	800	357638	731374	GW	01						
	1100261-7		205	04	3.00					04	300	359470	732965	GW	01	BURIED					
	1100261-8		205	01	10.00					01	1000	360903	732008	GW	01						
	1100261-9		205	03	3.00					01	300	361549	732236	GW	01						
	1100261-10		205	01	8.00					01	800	361919	732474	GW	01						
	1100261-11A		205	03	8.00	02	64	52		01	800	362111	729012	GW	01						
	1100261-11		205	01	8.00					01	800	360807	729372	GW	01						

1100261-12	205	01	10.00					01	1000	360765	729048	GW	01	
1100261-13	205	01	8.00					01	800	348921	727354	GW	01	
1100261-14	205	01	8.00					01	800	349693	727185	GW	01	
1100261-15	205	01	8.00					01	800	350562	727060	GW	01	
1100261-16	205	03	6.00	02	87	63		01	600	351884	727802	GW	01	
1100261-17	205	01	8.00					01	800	352541	727806	GW	01	
1100261-18	205	03	8.00	02	85	62		01	800	352568	725490	GW	01	
1100261-19	205	01	10.00					01	1000	354387	728244	GW	01	
1100261-20	205	01	8.00					01	800	356574	728279	GW	01	
1100261-21	205	01	10.00	02	100	60		02	1000	357687	728048	GW	01	
1100261-22	205	01	10.00					01	1000	354544	726997	GW	01	
1100261-23	205	01	8.00					01	1000	355780	727398	GW	01	
1100261-24	205	01	10.00					01	1000	357102	727367	GW	01	
1100261-25	205	01	8.00					01	800	355451	726615	GW	01	
1100261-26	205	03	8.00	02	83	61		01	800	356148	726691	GW	01	
1100261-27	205	03	8.00	02	72	54		01	800	356706	726772	GW	01	
1100261-28	205	03	9.00	02	80	59		01	900	353533	726097	GW	01	
1100261-29	205	03	8.00	02	77	66		01	800	355692	725412	GW	01	
1100261-30	205	01	9.00					01	900	355366	723679	GW	01	
1100261-31	205	03	6.00	02	75	61		01	600	350366	727808	GW	01	
1100261-32	205	01	8.00					01	800	358441	726910	GW	01	
1100261-34	205	03	8.00	02	88	62		01	800	358422	725748	GW	01	
1100261-35	205	01	8.00					01	800	360281	725758	GW	01	
1100261-36	205	04	6.00					04	600	361956	725788	GW	01	BURIED
1100261-37	205	01	10.00					01	1000	358775	724356	GW	01	
1100261-38	205	01	8.00					01	800	359245	723865	GW	01	
1100261-39	205	01	9.00					01	900	361966	724001	GW	01	
1100261-40	205	01	9.00					01	900	362901	723711	GW	01	
1100261-41	205	03	6.00	02	96	64		01	600	342828	721837	GW	01	
1100261-42	205	01	9.00					01	900	343617	721793	GW	01	
1100261-43	205	01	6.00					01	600	344991	722466	GW	01	
1100261-44	205	01	10.00					01	1000	344724	720720	GW	01	
1100261-45	205	01	6.00					01	600	344528	720133	GW	01	
1100261-46	205	03	10.00					04	1000	345086	718207	GW	01	BURIED
1100261-47	205	01	8.00	02	90	50	50	02	1000	357128	738700	GW	01	
1100261-48	205	01	6.00	02	200	190		02	300	357645	738168	GW	03	
1100261-49	205	01	8.00					01	800	353555	737535	GW	01	
1100261-50	205	01	9.00	02	47	45		01	900	355129	736648	GW	01	
1100261-51	205	01	8.00	02	140	100		01	800	351204	738322	GW	01	
1100261-52	205	03	9.00	02	45	40		01	900	351425	738292	GW	01	
1100261-53	205	03	9.00	02	52	50		01	900	351835	737893	GW	01	
1100261-54	205	01	6.00	02	102	100		01	600	349094	737076	GW	03	
1100261-55	205	03	6.00	02	26	21		01	600	349063	736648	GW	01	
1100261-56	205	03	9.00	02	78	75		01	900	350884	736978	GW	01	
1100261-57	205	01	13.00	02	160	90		02	1300	350878	736645	GW	03	
1100261-58	205	03	9.00	02	93	90		01	900	351777	736135	GW	03	
1100261-59	205	03	8.00	02	39	38		01	800	352039	735140	GW	01	
1100261-60	205	01	8.00	02	140	100		01	800	351425	734278	GW	03	
1100261-61	205	02	12.00	02	80	60		02	800	350226	732719	GW	01	
1100261-62	205	02	12.00	02	80	60		02	800	349440	731125	GW	01	
1100261-63	205	02	12.00	02	80	60		02	800	352112	731742	GW	01	
1100261-64	205	02	12.00	02	80	60		02	800	353728	729994	GW	01	
1100261-65	205	02	12.00	02	80	60		02	800	354966	730055	GW	01	
1100261-66	205	02	12.00	02	80	60		02	800	356328	730007	GW	01	
1100261 67	205	02	12.00	02	80	60		02	800	357401	729945	GW	01	
1100261-68	205	02	12.00	02	80	60		02	800	356724	732625	GW	01	

1100263-8	190	03	6.00	02	34	33	01	600	372331	748077	GW	01
1100263-9	190	03	6.00	02	37	36	01	600	372792	747228	GW	01
1100263-4	190	01	6.00				01	600	370236	750825	GW	01
1100263-5	190	03	6.00	02	19	19	01	600	371338	750228	GW	01
1100263-6	190	03	8.00	02	62	62	01	800	374130	749463	GW	01
1100263-1	190	03	6.00	02	43	39	01	600	369071	751446	GW	01
1100263-2	190	01	9.00	02	40	29	01	900	369395	750865	GW	01
1100263-3	190	01	9.00	02	39	28	01	900	369892	750509	GW	01
1100263-10	190	03	10.00	02	33	25	01	1000	373165	745786	GW	01
1100263-11	190	03	8.00	02	36	25	01	600	372315	745261	GW	01
1100263-12	190	03	6.00	02	28	25	01	600	371606	745305	GW	01
1100263-13	190	03	6.00	02	45	27	01	600	364993	747232	GW	01
1100263-14	190	03	6.00	02	33	25	01	600	367180	749804	GW	01
1100263-15	190	03	6.00	02	27	26	01	600	368265	748654	GW	01
1100263-16	190	03	6.00	02	36	33	01	600	368201	747340	GW	01
1100263-17	190	03	6.00	02	44	38	01	600	367645	746287	GW	01
1100263-18	190	01	8.00				01	800	373629	744492	GW	01
1100263-19	190	03	6.00	02	36	36	01	600	371919	742657	GW	01
1100263-20	190	01	8.00				01	800	373754	742729	GW	01
1100263-21	205	01	8.00	02	58	50	01	800	371227	741947	GW	01
1100263-22	205	01	6.00	02	52	48	01	600	371451	741416	GW	01
1100263-23	205	01	8.00				01	800	373007	740986	GW	01
1100263-24	205	03	10.00	02	52	41	01	1000	370741	739915	GW	01
1100263-25	205	01	8.00	02	50	49	01	800	367947	739044	GW	01
1100263-26	205	01	8.00	02	39	24	01	800	367290	738412	GW	01
1100263-27	205	03	8.00	02	28	27	01	800	366352	734793	GW	01
1100263-28	205	03	6.00	02	24	22	01	600	366933	734793	GW	01
1100263-29	190	01	8.00	02	35	34	01	800	365786	744304	GW	01
1100263-30	206	01	8.00	02	31	30	01	800	380767	740397	GW	01
1100263-31	206	01	8.00	02	41	40	01	800	383625	739892	GW	01
1100263-32	205	01	8.00	02	48	47	01	800	365236	741637	GW	01
1100263-33	205	01	8.00	02	41	40	01	800	368250	741954	GW	01
1100263-34	205	01	8.00	02	76	60	01	800	364988	740430	GW	01
1100263-35	205	01	8.00				01	800	367879	740287	GW	01
1100263-36	190	01	10.00				01	1000	374563	744316	GW	01
1100263-37	190	01	9.00				01	900	375732	742429	GW	01
1100263-38	205	01	6.00				01	600	375093	741384	GW	01
1100263-39	206	03	8.00	02	46	40	01	800	378210	740969	GW	01
1100263-40	190	02	10.00	02	200	200	02	800	368065	748305	GW	03
1100263-41	190	02	10.00	02	200	200	02	800	371262	749081	GW	03
1100263-42	190	02	10.00	02	200	200	02	800	373295	748734	GW	03
1100263-43	190	02	10.00	02	200	200	02	800	373798	746069	GW	03
1100263-44	190	02	10.00	02	200	200	02	800	371446	745727	GW	03
1100263-45	190	02	10.00	02	200	200	02	800	368070	747227	GW	03
1100263-46	190	02	10.00	02	200	200	02	800	366151	746332	GW	03
1100263-47	190	02	10.00	02	200	200	02	800	365997	743758	GW	03
1100263-48	190	02	10.00	02	200	200	02	800	368165	743532	GW	03
1100263-49	190	02	10.00	02	200	200	02	800	370526	743546	GW	03
1100263-50	190	02	10.00	02	200	200	02	800	373387	743813	GW	03
1100263-51	190	02	10.00	02	200	200	02	800	375488	743161	GW	03
1100263-52	206	02	10.00	02	200	200	02	800	377710	741470	GW	03
1100263-53	206	02	10.00	02	200	200	02	800	378814	740515	GW	03
1100263-54	205	02	10.00	02	200	200	02	800	375842	740990	GW	03
1100263-55	205	02	10.00	02	200	200	02	800	373474	740944	GW	03
1100263-56	205	02	10.00	02	200	200	02	800	371047	741054	GW	03
1100263-57	205	02	10.00	02	200	200	02	800	369067	740874	GW	03

	1100263-58		205	02	10.00	02	200	200		02	800		366340	741110	GW	03						
	1100263-59		205	02	10.00	02	200	200		02	800		364351	740797	GW	03						
	1100263-60		205	02	10.00	02	200	200		02	800		364928	738070	GW	03						
	1100263-61		205	02	10.00	02	200	200		02	800		367849	738145	GW	03						
	1100263-62		205	02	10.00	02	200	200		02	800		365215	735836	GW	03						
	1100263-63		205	02	10.00	02	200	200		02	800		365774	734743	GW	03						
1100265		28.24		03	3.96	02	11	6/84	LAN	GW	24		PAR ONE HOMEOWNER ASSOC. INC.					15	0.4	1	22	0.75
	1100265-1A		218	02	2.00	02	60	55		0	55		272413	671411	GW	03	ALL 3 WELLS ARE GROUPED					
	1100265-1B		218	02	2.00	02	60	55		01	55		272420	671415	GW	03	TOGETHER UNDER GG1					
	1100265-1C		218	02	2.00	02	60	55		01	55		272425	671415	GW	03						
	1100265-2A		218	02	2.00	02	60	55		02	55		272436	670983	GW	03						
	1100265-2B		218	02	2.00	02	60	55		02	55		272440	670983	GW	03						
	1100265-2C		218	02	2.00	02	60	55		02	55		272445	670983	GW	03						
	1100265-3A		218	02	2.00	02	60	55		02	55		273109	671341	GW	03						
	1100265-3B		218	02	2.00	02	60	55		02	55		273119	671341	GW	03						
	1100265-3C		218	02	2.00	02	60	55		02	55		273129	671341	GW	03						
	1100265-4A		218	02	2.00	02	60	55		02	55		272877	671370	GW	03	ALL 3 WELLS ARE GROUPED TOGETHER					
	1100265-4B		218	02	2.00	02	60	55		02	55		272887	671370	GW	03						
	1100265-4C		218	02	2.00	02	60	55		02	55		272897	671370	GW	03						
	1100265-5A		218	02	2.00	02	60	55		02	55		272930	671678	GW	03	ALL 3 WELLS ARE GROUPED TOGETHER					
	1100265-5B		218	02	2.00	02	60	55		02	55		272935	671678	GW	03						
	1100265-5C		218	02	2.00	02	60	55		02	55		272940	671678	GW	03						
	1100265-6A		218	02	2.00	02	60	55		02	55		272618	671703	GW	03						
	1100265-6B		218	02	2.00	02	60	55		02	55		272623	671703	GW	03						
	1100265-6C		218	02	2.00	02	60	55		02	55		272628	671703	GW	03						
	1100265-7A		218	02	2.00	02	60	55		02	55		272664	670858	GW	03						
	1100265-7B		218	02	2.00	02	60	55		02	55		272669	670858	GW	03						
	1100265-7C		218	02	2.00	02	60	55		02	55		272674	670858	GW	03						
	1100265-8A		218	02	2.00	02	60	55		02	55		273020	670901	GW	03						
	1100265-8B		218	02	2.00	02	60	55		02	55		273025	670901	GW	03						
	1100265-8C		218	02	2.00	02	60	55		02	55		273030	670901	GW	03						
1100270		10.35		03	1.47	02	11	10/84	LAN	GW	1		WIGGINS BAY ASSOCIATION					15	0.4	1	8	0.75
	1100270-1		202	02	6.00	02	50	45		02	143		231984	713199	GW	03						
1100301		24.34		03	7.56	02	11	12/84	AG	GW	2		ROYCE O. STALLINGS					61	0.4	1	15	0.85
1100301																		13	0.4	1	35	0.85
	1100301-1		218	02	8.00	02	40			03	750		264929	658467	GW	01						
	1100301-2		218	02	8.00	02	40			03	750		264940	658299	GW	01						
1100312		3.65		03	1.2	02	11	1/85	LAN	GW	5		NAPLES LAND YACHT HARBOR, INC.					15	0.4	1	20	0.75
	1100312-1		217	01	2.00	02	48	43		03	150		245685	653959	GW	03						
	1100312-2		217	01	2.00	02	45	43		03	150		245769	653943	GW	03						
	1100312-3		217	01	2.00	02	46	43		03	150		245833	653955	GW	03						
	1100312-4		217	01	2.00	02	49	43		03	150		245885	653956	GW	03						
	1100312-5		217	02	6.00	02	45	43		03	150		245906	653864	GW	03						
1100318					49.29	02	11	3/85	AG	GW	7		THOMAS & RHONDA BAKER					61	0.8	26	290	0.50
	1100318-1		222	02	8.00	02	85	15		02	200	Y	454466	699520	GW	03						
	1100318-2		222	02	8.00	02	85	15		02	200	Y	455294	699348	GW	03						
	1100318-3		223	02	8.00	02	85	15		02	200	Y	465070	699120	GW	03						
	1100318-4		222	02	8.00	02	85	15		02	200	Y	455142	698224	GW	03						
	1100318-5		222	02	8.00	02	85	15		02	200	Y	455330	696792	GW	03						
	1100318-6		222	02	8.00	02	85	15		02	200	Y	455202	695812	GW	03						
	1100318-7		222	02	8.00	02	85	15		02	200	Y	455346	694922	GW	03						

1100319		44.92		03	8.49	02	11	3/87	AG	GW	5	BUCKLEY & SONS				70	0.4	1	16	0.20
	1100319-1		217	01	6.00	02	40	30		02	250	247563	692405	GW	01					
	1100319-2		217	01	6.00	02	40	30		02	300	247543	692629	GW	01					
	1100319-3		217	04	2.00	02	60	30		01	40	247437	691569	GW	01					
	1100319-4		217	04	2.00	02	60	30		01	40	247313	691548	GW	01					
	1100319-5		217	02	8.00	02	40	30		02	250	247649	691117	GW	01					
1100320		23.00		03	8.45	02	11	7/85	AG	GW	5	COLLIER ENTERPRISES (NURSERY)				13	0.8	26	47	0.70
	1100320-1		206	01	12.00	02	90			02	1400	384511	736520	GW	03					
	1100320-2		206	01	12.00	02	90			02	1400	384570	735718	GW	03					
	1100320-3		206	01	12.00	02	90			02	1400	385317	736487	GW	03					
	1100320-4		206	01	12.00	02	90			02	1400	384567	736079	GW	03					
	1100320-5		206	02	12.00	02	80			02	1355	382840	737295	GW	03					
1100321					533.27	02	11	7/85	AG	GW	28	COLLIER ENTERPRISES				61	1.5	26	2698	0.50
	1100321		206	01	6.00	02					600	390320	739833	GW	01					
	1100321		206	01	6.00	02					600	408301	738672	GW	01					
	1100321		206	01	8.00	02					800	407642	737839	GW	01					
	1100321		206	01	8.00	02					800	408935	737413	GW	01					
	1100321		206	01	6.00	02					600	408602	736773	GW	01					
	1100321		206	01	6.00	02					600	404943	736238	GW	01					
	1100321		206	01	8.00	02					800	401236	736289	GW	01					
	1100321		206	01	6.00	02					600	400816	738106	GW	01					
	1100321		206	01	8.00	02					800	399016	738024	GW	01					
	1100321		206	01	6.00	02					600	395743	737340	GW	01					
	1100321		206	01	8.00	02					800	395286	737248	GW	01					
	1100321		206	01	6.00	02					600	380367	738448	GW	01					
	1100321		206	01	8.00	02					800	383614	738787	GW	01					
	1100321		206	01	6.00	02					600	384330	739336	GW	01					
	1100321		206	01	8.00	02					800	384839	738537	GW	01					
	1100321		206	01	6.00	02					600	379525	734143	GW	01					
	1100321		206	01	8.00	02					800	383051	734142	GW	01					
	1100321		206	01	6.00	02					600	384328	734028	GW	01					
	1100321		206	01	8.00	02					800	384339	729297	GW	01					
	1100321		206	01	6.00	02					600	385376	729770	GW	01					
	1100321		206	01	8.00	02					800	385899	730301	GW	01					
	1100321		206	01	6.00	02					600	390029	729503	GW	01					
	1100321		191	01	8.00	02					800	386128	747440	GW	01					
	1100321		191	01	8.00	02					800	385866	746764	GW	01					
	1100321		191	01	8.00	02					800	384727	744953	GW	01					
	1100321		191	01	8.00	02					800	385244	744927	GW	01					
	1100321		191	01	8.00	02					800	387086	747674	GW	01					
	1100321		191	01	10.00	02					1000	388020	743264	GW	01					
1100322		9.79		03	2.52	02	11	6/88	IND	GW	2	TOLLES READY-MIX, INC.						1		
	1100322-1		217	01	4.00	02	245	200	40	02	80	243741	687090	GW	03					
	1100322-2		217	01	6.00	02	25	18	18	02	40	243733	687206	GW	01					
1100323		82.33		03	30.3	02	11	12/89	AG	GW	2	EAGLE ISLAND LTD.				13	0.4	2	179	0.85
	1100323-A		189	01	12.00	02	105	60	50	02	1500	308748	745839	GW	03					
	1100323-C		189	02	12.00	02	110	60	50	02	1500	309922	745665	GW	03					
1100324		127.63		03	37.86	02	11	6/87	AG	GW	4	TROYER BROTHERS, INC.				61	0.8	1	103	0.50
	1100324-1A		189	04	8.00	02	100	70		03	1	306503	746691	GW	03					
	1100324-1B		189	04	8.00	02	100	70		03	1	306137	746490	GW	03					

	1100324-2A		189	02	10.00	02	250	150		02	1200		306127 745855 GW 04					
	1100324-2B		189	01	10.00	02	300	120		02	1200		305977 744684 GW 04					
1100327		960.00		03	28.8	01	11	6/87	IND	SW		2	WILLOW RUN EXCAVATION PIT			1		
	1100327-SW1			01						02	12000		SW 01 FACILITIES CONTAIN 2 SW PUMPS					
	1100327-SW2			02						02	8000		SW 01 WITHDRAWALS ARE FROM GW SOURCES					
1100328		2.59		03	.36	02	11	11/85	LAN	GW	3		THE HAMLET CONDOMINIUM ASSOC	15	0.4	1	2	0.75
	1100328-1		233	02	2.00	02	60	48		01	48		255295 646892 GW 03					
	1100328 2		233	02	2.00	02	60	48		01	48		255110 647114 GW 03					
	1100328-3		233	02	2.00	02	60	48		01	48		255029 647415 GW 03					
1100330		5.17		03	.72	02	11	11/85	LAN	GW	1		COLLIER CO. SCHOOL BOARD	15	0.4	1	4	0.75
	1100330-1		218	02	6.00	02	100	60		02	70		279818 689089 GW 03					
1100332		12.93		03	1.83	02	11	12/85	REC	GW	1		NORTH NAPLES COMMUNITY PARK	15	0.4	1	10	0.75
	1100332-1		202	02	6.00	02	40	30		01	90		242745 703726 GW 01					
1100333		12.93		03	1.83	02	11	12/85	REC	GW	1		GOLDEN GATE PARK(COLLIER CO.)	15	0.4	1	10	0.75
	1100333-1		218	02	6.00	02	40	25		01	90		264878 667583 GW 01					
1100335		4.17		03	1.53	02	11	12/85	AG	GW	1		A. STOCKTON RENFROE	70	1.5	1	8	0.20
	1100335-A		218	02	8.00	02	50	30		03	120		256466 690314 GW 01					
1100336		206.95		03	29.13	02	11	12/85	GLF	GW	2		ROYAL PALM COUNTRY CLUB	15	0.4	1	160	0.75
	1100336-2		233	01	10.00	02	18	17		03	700		260715 642344 GW 01					
	1100336-4		233	01	10.00	02	22	20		03	700		261587 645080 GW 01					
1100337		4.75		03	.54	02	11	12/85	AG	GW	2		HOWARD MAVE	15	0.8	1	8	0.75
														15	0.8	1	3	0.85
	1100337-1		189	01	2.00	02	85			03	40		308783 743919 GW 03 CROP TYPE-MACADAMIA NUTS					
	1100337-2		189	02	6.00	02	80	60		03	400		309571 744436 GW 03					
1100344		25.77		03	4.71	02	11	2/86	AG	SW		4	AL SZABO	70	0.4	1	8	0.20
	1100344-SW1		202	01						03	190		236915 719876 SW 01					
	1100344-SW2		202	01						03	120		236923 719872 SW 01					
	1100344-SW3		202	01						03	35		236943 719908 SW 01					
	1100344-SW4		202	01						03	35		236951 719920 SW 01					
1100349		119.00		03	16.7	02	11	4/86	GLF	BOTH	1	1	U.S. HOME CORP.(BERKSHIRE LK)	15	0.4	1	92	0.75
	1100349-1		218	01	10.00	02	59	40		02	700		263406 659021 GW 03					
	1100349-SW1		218	02						03	1800		263406 659025 SW 01					
1100350		31.96		03	4.5	02	11	5/86	AG	SW		7	LAKE LOUISE, INC.(LOCH LOUISE)	15	0.4	1	28	0.85
	1100350-SW1		218	01						03	30		257131 653931 SW 01					
	1100350-SW2		218	01						03	30		257395 653962 SW 01					
	1100350-SW3		218	01						03	30		256913 653368 SW 01					
	1100350-SW4		218	01						03	30		257658 653369 SW 01					
	1100350-SW5		218	01						03	30		256953 652195 SW 01					
	1100350-SW6		218	01						03	30		257626 652205 SW 01					
	1100350-SW7		233	01						03	30		257214 651468 SW 01					
1100352		118.42		03	34.35	02	11	12/86	AG	GW	5		JAMES D. HULL	61	0.8	1	140	0.50
1100352														56	0.8	1	60	0.50
	1100352-1		204	01	6.00	02	80	60	40	01	700		304910 723617 GW 03					
	1100352-2		204	01	8.00	02	20	18	10	01	700		304299 726700 GW 01					

	1100352-3	204	01	8.00	02	80	40	20	01	700	303756	724532	GW	03						
	1100352-4	204	01	8.00	02	20	18		01	125	304490	733677	GW	01						
	1100352-5	204	03	10.00	02	80	60	60	01	750	303977	733639	GW	03						
1100354				59.76	02	11	6/86	AG	GW	4	JAMES E. WILLIAMS					13	0.8	26	353	0.85
	1100354-AD	206	01	8.00	02	60	40			1000	410387	718607	GW	03						
	1100354-AD	206	01	8.00	02	60	40			1000	408126	718457	GW	03						
	1100354-AD	206	01	8.00	02	60	40			1000	407687	717040	GW	03						
	1100354-AD	206	01	8.00	02	60	40			1000	409732	717528	GW	03						
1100356		6740.00	03	21.6	01	11	7/86	IND	GW		3 BERKSHIRE LAKES				1					
	1100356-1	218	02							5000	263168	661994	SW	01	MINING/DEWATERING OPERATIONS					
	1100356-2	218	02							5000	263195	659433	SW	01						
	1100356-3	218	02							5000	263221	657513	SW	01						
1100358		3.63	03	.61	02	11	7/86	REC	GW	1	THE SANCTUARY AT PELICAN BAY				1					
	1100358-1	217	02	2.00	02	65	63	30	01	40	235995	686531	GW	03						
1100359		98.80	03		02	11	9/86	IND	GW	3	GOLF COAST BEACH FRONT JOINT VENTURE									
	1100359-1	217	02	4.00	02	25	15	20	01	190	233475	678046	GW	01	WITHDRAWAL FOR AIR CONDITIONING					
	1100359-2	217	02	4.00	02	25	15	20	01	190	233484	677982	GW	01	SUPPLY SYSTEM 3 AC SUPPLY WELL					
	1100359-3	217	02	4.00	02	25	15	20	01	190	233512	677926	GW	01	3 AC DISCHARGING WELLS					
1100362		2.88	03	1.44	01	11	8/86	REC	GW	1	SWAMP BUGGY DAYS, INC.				1					
	1100362-1	233	02	12.00	02	50	35	30	02	1000	278216	648071	GW	01	TWICE YEARLY WTHDRWL FLOODING RACETRACK					
1100363		2547.68	03	937.69	02	11		AG	GW	84	COLLIER ENTERPRISES					13	1.5	19	5539	0.85
	1100363-A1	190	01	12.00	02	180	115	80	02	600	364107	762847	GW	03						
	1100363-A2	190	01	12.00	02	193	100	80	02	600	363254	764653	GW	03						
	1100363-A3	190	01	12.00	02	179	119	80	02	600	365694	764589	GW	03						
	1100363-A4	190	01	12.00	02	165	100	80	02	600	364388	765871	GW	03						
	1100363-A5	190	01	12.00	02	175	115	80	02	600	364680	766564	GW	03						
	1100363-A6	190	01	12.00	02	180	115	80	02	600	364664	768014	GW	03						
	1100363-A7	190	01	12.00	02	175	100	80	02	600	359092	769565	GW	03						
	1100363-A8	190	01	12.00	02	175	100	80	02	600	362789	769032	GW	03						
	1100363-A9	190	01	12.00	02	180	100	80	02	600	365630	769469	GW	03						
	1100363-A10	190	02	12.00	02	200	144	80	02	600	358050	770374	GW	03						
	1100363-A11	190	02	12.00	02	180	100	80	02	600	359108	771183	GW	03						
	1100363-A12	190	02	12.00	02	200	133	80	02	600	366226	771295	GW	03						
	1100363-B6	190	01	12.00	02	200	140	70	02	800	373056	771740	GW	03						
	1100363-B7	190	01	12.00	02	180	120	60	02	600	369716	770386	GW	03						
	1100363-B8	190	01	12.00	02	185	120	30	02	600	370957	770979	GW	03						
	1100363-B9	190	01	12.00	02	185	120	30	02	600	373028	770350	GW	03						
	1100363-B10	190	01	12.00	02	170	100	90	02	800	369571	769116	GW	03						
	1100363-B11	190	01	12.00	02	175	120	60	02	600	370973	769801	GW	03						
	1100363-B12	190	01	12.00	02	175	120	50	02	600	373069	769100	GW	03						
	1100363-B13	190	01	12.00	02	170	100	90	02	600	368197	767726	GW	03						
	1100363-B14	190	01	12.00	02	250	140	50	02	600	369623	767778	GW	03						
	1100363-B15	190	01	12.00	02	170	100	50	02	600	371042	768495	GW	03						
	1100363-B16	190	01	12.00	02	190	120	90	02	600	373077	767806	GW	03						
	1100363-C1	190	01	12.00	02	210	140	90	02	800	370449	777536	GW	03						
	1100363-C2	190	01	12.00	02	205	140	70	02	700	371038	776355	GW	03						
	1100363-C3	190	01	12.00	02	210	140	60	02	800	370601	775393	GW	03						
	1100363-C4	190	01	12.00	02	180	120	70	02	800	372536	775890	GW	03						
	1100363-C5	190	01	12.00	02	180	120	70	02	700	370605	774216	GW	03						
	1100363-C6	190	01	12.00	02	185	120	40	02	600	372540	774796	GW	03						

1100363-C7	190	01	12.00	02	235	140	40	02	800	371558	773603	GW	03
1100363-C8	190	01	12.00	02	180	120	50	02	800	372516	773715	GW	03
1100363-B4	190	01	12.00	02	180	120	50	02	600	369684	771796	GW	03
1100363-B5	190	01	12.00	02	206	140	50	02	800	371694	772108	GW	03
1100363-D1	190	02	12.00	02	287	212	40	02	800	375316	774961	GW	04
1100363-D2	191	02	12.00	02	250	210	100	02	600	381163	773821	GW	04
1100363-D3	190	02	12.00	02	250	200	100	02	600	375320	773751	GW	04
1100363-D4	191	01	12.00	02	250	220	100	02	600	382421	771960	GW	04
1100363-D5	190	01	12.00	02	250	180	100	02	600	376333	771748	GW	04
1100363-E1	190	01	12.00	02	210	190	100	02	600	372331	782231	GW	04
1100363-E2	190	01	12.00	02	210	180	100	02	600	372211	780865	GW	04
1100363-E3	190	01	12.00	02	210	140	100	02	600	374899	780813	GW	04
1100363-E4	190	01	12.00	02	210	190	100	02	600	372512	779471	GW	04
1100363-E5	190	01	12.00	02	210	180	100	02	600	375144	779455	GW	04
1100363-E6	190	01	12.00	02	210	180	100	02	600	373097	777584	GW	04
1100363-E7	190	01	12.00	02	210	180	100	02	600	375120	777665	GW	04
1100363-E8	190	01	12.00	02	270	205	138	02	600	377163	777665	GW	04
1100363-3-17	191	03	10.00	02	200	100	138	02	455	380348	775194	GW	03
1100363-3-21	191	03	10.00	02	200	100	138	02	455	382089	773406	GW	03
1100363-3-23	191	02	10.00	02	200	100	138	02	350	380871	771968	GW	03
1100363-3-24	191	02	10.00	02	200	100	138	02	350	383700	771452	GW	03
1100363-3-25	191	02	10.00	02	200	100	138	02	350	386934	771319	GW	03
1100363-3-27	191	02	10.00	02	200	100	138	02	370	382342	770422	GW	03
1100363-3-28	191	02	10.00	02	200	100	138	02	370	378041	758942	GW	03
1100363-3-30	191	02	10.00	02	200	100	138	02	335	383292	768572	GW	03
1100363-3-32	191	02	10.00	02	200	100	138	02	395	383735	766998	GW	03
1100363-3-33	191	02	10.00	02	200	100	138	02	395	386142	766807	GW	03
1100363-4-1	190	02	10.00	02	240	140	138	02	390	376796	769366	GW	04
1100363-4-2	190	02	10.00	02	240	140	138	02	390	376504	768636	GW	04
1100363-4-3	191	02	10.00	02	240	140	138	02	390	378561	769231	GW	04
1100363-4-4	191	02	10.00	02	240	140	138	02	510	379329	766367	GW	04
1100363-4-5	191	02	10.00	02	240	140	138	02	510	381627	766303	GW	04
1100363-4-6	190	02	10.00	02	240	140	138	02	380	376655	765578	GW	04
1100363-4-7	190	02	10.00	02	240	140	138	02	480	376733	764288	GW	04
1100363-4-8	191	02	10.00	02	240	140	138	02	400	380493	763694	GW	04
1100363-4-9	191	02	10.00	02	240	140	138	02	400	382152	763905	GW	04
1100363-4-10	191	02	10.00	02	240	140	138	02	400	383655	764140	GW	04
1100363-4-11	191	02	10.00	02	240	140	138	02	520	377478	763312	GW	04
1100363-4-12	190	02	10.00	02	240	140	138	02	310	376317	763205	GW	04
1100363-4-13	191	02	10.00	02	240	140	138	02	310	379366	762869	GW	04
1100363-4-14	191	02	10.00	02	240	140	138	02	350	380524	762649	GW	04
1100363-4-15	191	02	10.00	02	240	140	138	02	350	382665	762596	GW	04
1100363-4-16	191	02	10.00	02	240	140	138	02	350	383844	762833	GW	04
1100363-4-17	190	02	10.00	02	240	140	138	02	310	371392	761397	GW	04
1100363-4-18	190	02	10.00	02	240	140	138	02	310	373472	761596	GW	04
1100363-4-19	190	02	10.00	02	240	140	138	02	185	376234	761758	GW	04
1100363-4-20	191	02	10.00	02	240	140	138	02	310	383877	761544	GW	04
1100363-4-21	190	02	10.00	02	240	140	138	02	455	370672	760307	GW	04
1100363-4-22	190	02	10.00	02	240	140	138	02	350	373361	760157	GW	04
1100363-4-23	191	02	10.00	02	240	140	138	02	330	379335	761024	GW	04
1100363-4-24	191	02	10.00	02	240	140	138	02	520	384024	760057	GW	04
1100363-4-25	190	02	10.00	02	240	140	138	02	400	371904	758813	GW	04
1100363-4-26	191	02	10.00	02	240	140	138	02	390	378041	758942	GW	04
1100363-4-27	191	02	10.00	02	240	140	138	02	410	381733	758624	GW	04
1100363-4-28	191	02	10.00	02	240	140	138	02	410	384021	758732	GW	04

1100365					691.22	02	11	9/86	AG	GW	46	PACIFIC LAND CO.(SOUTH RANCH)				61	0.8	1	3744	0.75
	1100365-1		205	01	12.00	02	100	63		02	1000	348065	707474	GW	03					
	1100365-2		205	01	12.00	02	100	80		02	1000	350672	709812	GW	03					
	1100365-3		205	01	8.00	02	70	50		02	1000	352353	712493	GW	01					
	1100365-4		205	01	8.00	02	80	60		02	1000	353325	712398	GW	01					
	1100365-5		205	01	12.00	02	95	70		02	1000	353254	711289	GW	01					
	1100365-6		205	01	8.00	02	80	60		02	1000	353318	710011	GW	01					
	1100365-7		205	01	12.00	02	87	44		02	800	348055	703568	GW	01					
	1100365-8		205	01	12.00	02	90	60		02	800	349497	702909	GW	01					
	1100365-9		205	01	12.00	02	104	60		02	800	350613	702093	GW	01					
	1100365-10		205	01	12.00	02	60	40		02	1000	350525	703223	GW	01					
	1100365-11		205	01	12.00	02	85	60		02	800	353140	703743	GW	01					
	1100365-12		205	01	12.00	02	160	140		02	400	352680	701999	GW	03					
	1100365-13		205	01	12.00	02	126	90		02	800	353731	702384	GW	03					
	1100365-14		205	01	12.00	02	118	87		02	800	353803	712567	GW	03					
	1100365-15		205	01	8.00	02	60	40		02	1000	356275	712583	GW	01					
	1100365-16		205	01	8.00	02	60	40		02	1000	357561	712602	GW	01					
	1100365-17		205	01	8.00	02	90	70		02	1000	358606	712611	GW	03					
	1100365-18		205	01	8.00	02	60	40		02	1000	360013	712670	GW	01					
	1100365-19		205	01	8.00	02	75	50		02	800	361563	712680	GW	01					
	1100365-20		205	01	8.00	02	77	62		02	800	363074	712762	GW	01					
	1100365-21		205	01	8.00	02	60	40		02	1000	363361	711414	GW	01					
	1100365-22		205	01	12.00	02	90	60		02	800	358405	709484	GW	03					
	1100365-23		205	01	8.00	02	80	60		02	1000	356010	710017	GW	03					
	1100365-24		205	01	12.00	02	200	120		02	800	358724	703682	GW	03					
	1100365-25		205	01	12.00	02	200	120		02	800	358849	702723	GW	03					
	1100365-26		205	02	12.00	02	60	40		03	800	359572	701765	GW	01					
	1100365-27		205	01	12.00	02	115	44		02	800	363922	702241	GW	01					
	1100365-28		205	01	12.00	02	115	44		02	800	363919	700074	GW	01					
	1100365-29		205	03	8.00	02	60	40		03	800	364703	702248	GW	01					
	1100365-30		205	03	8.00	02	60	40		03	800	359031	703779	GW	01					
	1100365-31S		205	03	8.00	02	55	40		03	800	363519	700189	GW	01					
	1100365-32S		205	04	8.00	02	60	40		03	1000	352754	702291	GW	01					
	1100365-33S		205	04	8.00	02	60	40		03	1000	351840	702209	GW	01					
	1100365-34S		205	03	8.00	02	70	50		03	800	349151	704486	GW	01					
	1100365-35S		205	04	8.00	02	70	45		03	800	358519	710954	GW	01					
	1100365-36S		205	04	8.00	02	70	45		03	800	362256	712723	GW	01					
	1100365-38		205	02	12.00	02	150	80		02	800	358497	711747	GW	03					
	1100365-39		205	02	12.00	02	150	80		02	800	356129	711670	GW	03					
	1100365-40		205	02	12.00	02	150	80		02	800	350236	707383	GW	03					
	1100365-41		205	02	12.00	02	150	80		02	800	349894	704798	GW	03					
	1100365-42		205	02	12.00	02	150	80		02	800	363185	705307	GW	03					
	1100365-43		205	02	12.00	02	150	80		02	800	363075	703857	GW	03					
	1100365-44		205	02	12.00	02	150	80		02	800	361864	698201	GW	03					
	1100365-45		205	02	12.00	02	150	80		02	800	363206	698244	GW	03					
	1100365-46		205	02	12.00	02	150	80		02	800	359464	712662	GW	03					
1100367		318.00		03	1.36	02	11	9/86	AG	GW	1	RICHARD SHAW(S-R FARM)				61	0.8	2	9	0.75
	1100367-1		204	02	6.00	02	110	80	35	01	600	304634	739161	GW	03					
1100369		3.88		03	.57	02	11	10/86	LAN	GW	4	MEADOWOOD CLUB APARTMENT				15	0.4	1	3	0.75
	1100369-1		218	02	2.00	02	40	32		03	50	271294	674056	GW	03					
	1100369-2		218	02	2.00	02	40	32		03	50	272012	676054	GW	03					
	1100369-3		218	02	2.00	02	40	32		03	50	273014	676279	GW	03					
	1100369-4		218	02	2.00	02	40	32		03	50	273050	674042	GW	03					

1100372		57.45	03	10.05	02	11	11/86	LAN	SW		3	PORT OF THE ISLAND, INC.				15	3.6	27	85	0.85
	1100372-SW1	248	01						01	1500		332494	591572	SW	01					
	1100372-SW2	248	01						01	1500		332494	591572	SW	01					
	1100372-SW3	248	01						01	1500		332494	591572	SW	01					
1100375		15.52	03	.723	01	11	1/87	GLF	SW		1	A.W. COOK, JR.				15	0.4	1	12	0.75
	1100375-SW1	218	01						03	250		266549	655877	SW	01					
1100376				234.9	02	11	1/87	AG	GW	22		BARRON COLLIER COMPANY				15	0.4	2		90.50
	1100376-1	206	01	9.00	02	40	45		01	900	N	386489	715070	GW	01					
	1100376-2	206	01	6.00	02	80	30		02	600	N	386600	714135	GW	01					
	1100376-3	206	03	8.00	02	70	51		01	800	N	383769	713281	GW	01					
	1100376-4	206	03	8.00	02	36	30		01	800	N	383580	712740	GW	01					
	1100376-5	206	03	9.00	02	36	32		01	900	N	383270	708400	GW	01					
	1100376-6	206	03	6.00	02	33	30		01	600	N	382800	706800	GW	01					
	1100376-7	206	02	10.00	02	80	45		02	1000	Y	384200	714400	GW	01					
	1100376-8	206	02	10.00	02	80	45		02	1000	Y	385500	714410	GW	01					
	1100376-9	206	02	10.00	02	80	45		02	1000	Y	382250	713180	GW	01					
	1100376-10	206	02	10.00	02	80	45		02	1000	Y	384600	713200	GW	01					
	1100376-11	206	02	10.00	02	80	45		02	1000	Y	380300	711710	GW	01					
	1100376-12	206	02	10.00	02	80	45		02	1000	Y	381460	712060	GW	01					
	1100376-13	206	02	10.00	02	80	45		02	1000	Y	380240	709450	GW	01					
	1100376-14	206	02	10.00	02	80	45		02	1000	Y	383020	710630	GW	01					
	1100376-15	206	02	10.00	02	80	45		02	1000	Y	383240	710230	GW	01					
	1100376-16	206	02	10.00	02	80	45		02	1000	Y	384530	710200	GW	01					
	1100376-17	206	02	10.00	02	80	45		02	1000	Y	380310	707840	GW	01					
	1100376-18	206	02	10.00	02	80	45		02	1000	Y	381200	707840	GW	01					
	1100376-19	206	02	10.00	02	80	45		02	1000	Y	384390	707860	GW	01					
	1100376-20	206	02	10.00	02	80	45		02	1000	Y	385540	707890	GW	01					
	1100376-21	206	02	10.00	02	80	45		02	1000	Y	384490	706890	GW	01					
	1100376-22	206	02	10.00	02	80	45		02	1000	Y	383380	705120	GW	01					
1100377		48.64	03	6.84	02	11	1/87	LAN	BOTH	12	12	U.S. HOME CORPORATION.				15	0.8	1	38	0.75
	1100377-A	218	02	4.00	02	40	25	20	01	80	01	263322	661490	GW	01					
	1100377-B	218	02	4.00	02	40	25	20	01	80	01	263409	661229	GW	01					
	1100377-C	218	02	4.00	02	40	25	20	01	80	01	263926	660359	GW	01					
	1100377-D	218	02	4.00	02	40	25	20	01	80	01	264173	658658	GW	01					
	1100377-E	218	02	4.00	02	40	25	20	01	80	01	264040	657680	GW	01					
	1100377-F	218	02	4.00	02	40	25	20	01	80	01	263580	657111	GW	01					
	1100377-G	218	02	4.00	02	40	25	20	01	80	01	262314	657812	GW	01					
	1100377-H	218	02	4.00	02	40	25	20	01	80	01	262693	658959	GW	01					
	1100377-I	218	02	4.00	02	40	25	20	01	80	01	262651	659303	GW	01					
	1100377-J	218	02	4.00	02	40	25	20	01	80	01	262183	660653	GW	01					
	1100377-K	218	02	4.00	02	40	25	20	01	80	01	262811	660763	GW	01					
	1100377-L	218	02	4.00	02	40	25	20	01	80	01	262918	661447	GW	01					
	1100377-SWA	218	02						01	80	01	263314	661490	SW	01					
	1100377-SWB	218	02						01	80	01	263409	661225	SW	01					
	1100377-SWC	218	02						01	80	01	263926	660355	SW	01					
	1100377-SWD	218	02						01	80	01	264042	657678	SW	01					
	1100377-SWE	218	02						01	80	01	264038	657674	SW	01					
	1100377-SWF	218	02						01	80	01	263580	657111	SW	01					
	1100377-SWG	218	02						01	80	01	262314	657816	SW	01					
	1100377-SWH	218	02						01	80	01	262693	658959	SW	01					
	1100377-SWI	218	02						01	80	01	262651	659311	SW	01					
	1100377-SWJ	218	02						01	80	01	262203	660677	SW	01					
	1100377-SWK	218	02						01	80	01	262811	660759	SW	01					

	1100377-SWL	218	02						01	80 01	262918 661443 SW 01					
1100380		7.76	03	.036	01	11	2-87	LAN	SW	2	COLLIER COMMUNITIES CORP.	15	0.4	1	6	0.75
	1100380-SW1	218	01						01	140	263360 666927 SW 01					
	1100380-SW2	218	01						01	140	263364 666927 SW 01					
1100381		28.77	03	.146	01	11	2-87	GLF	GW	1	LIFE CARE COMMUNITIES OF AM.	15	0.8	2	25	0.75
	1100381-1	202	02	6.00	02	40	20		01	20	234386 718584 GW 01					
1100385		73.13	03	.737	01	11	3-87	AG	GW	2	CONSTANTINE J. RIGGS, TRUSTEE	61	0.8	1	90	0.50
	1100385-1	203	01	8.00	02	80	40		01	1000	264818 702574 GW 01					
	1100385-2	203	01	8.00	02	80	40		01	1000	265017 701491 GW 01					
1100387		16.44	03	0.1035	01	11	3-87	AG	GW	3	WILLIAM B. ARMBRESTER, JR.	70	1.5	1	4	0.20
	1100387-1	204	02	6.00	02	100	90		01	600	312273 741353 GW 03					
	1100387-2	204	01	2.00	02	63			01	50	312465 741331 GW 03					
	1100387-3	204	01	2.00	02	63			01	50	312134 741371 GW 03					
1100388		525.60	03			11	3-87	IND	GW		1 WESTINGHOUSE COMM OF NAPLES, INC.			1		
	1100388-1	217	02	6.00					02	2550	233584 696658 GW 01 MINING/DEWATERING OPERATION					
1100392		14.05	03			11	5-87	AG	GW	6	NAPLES FRUIT & VEGETABLE CO.			1		
	1100392-1	218	02	10.00	02	80	50		02	500	259127 685575 GW 03					
	1100392-2	218	02	10.00	02	80	50		02	500	259162 686380 GW 03					
	1100392-3	218	02	10.00	02	80	50		02	500	259128 687124 GW 03					
	1100392-4	218	02	10.00	02	80	50		02	500	259050 687796 GW 03					
	1100392-5	218	02	10.00	02	80	50		02	500	259040 688413 GW 03					
	1100392-6	218	02	10.00	02	80	50		02	500	259011 689037 GW 03					
1100393		8.87	03	0.0558701		11	5-87	AG	GW	4	JOHN PORTER (NURSERY)	70	1.5	1	10	0.20
	1100393-1	218	02	2.00	02	40	30		01	50	290309 668092 GW 01					
	1100393-2	218	02	2.00	02	40	30		01	50	290421 668075 GW 01					
	1100393-3	218	02	2.00	02	40	30		01	50	290557 668095 GW 01					
	1100393-4	218	02	2.00	02	40	30		01	50	290713 668090 GW 01					
1100394		32.60	03	.40	01	11	5-87	AG	GW	4	B. POULIN & M. LANDRY	13	0.4	1	71	0.85
	1100394-1	218	02	8.00	02	60	40		02	600	281883 673325 GW 01					
	1100394-2	218	02	8.00	02	60	40		02	600	281913 673965 GW 01					
	1100394-3	218	02	8.00	02	60	40		02	600	281435 674655 GW 01					
	1100394-4	218	02	8.00	02	60	40		02	600	281461 675131 GW 01					
1100397		4915.66	02	839.40	02	11	6/87	AG	GW	20	COLLIER ENTERPRISES	61	0.80	1	1880	0.50
1100397												20	0.80	1	2577	0.50
	1100397-22-1	189	01	8.00	02	50	27		01	650	333736 744218 GW 01					
	1100397-22-2	204	01	8.00	02	45	20		01	650	333407 740895 GW 01					
	1100397-22-3	204	01	8.00	02	35	20		01	650	334272 740300 GW 01					
	1100397-23-1	205	01	8.00	02	70	40		01	650	338115 740856 GW 01					
	1100397-23-2	205	01	8.00	02	35	20		01	650	338258 739888 GW 01					
	1100397-23-3	205	01	8.00	02	42	20		01	650	337348 739905 GW 01					
	1100397-24-1	205	01	8.00	02	40	20		01	700	343773 740312 GW 01					
	1100397-25-1	205	01	8.00	02	30	20		01	700	344861 737966 GW 01					
	1100397-27-1	204	01	12.00	02	120	80		01	1000	332244 738118 GW 03					
	1100397-27-2	204	01	8.00	02	160	100		01	700	334148 734376 GW 03					
	1100397-27-3	204	01	8.00	02	98	65		01	700	335157 734887 GW 01					
	1100397-27-4	204	01	12.00	02	160	100		01	1000	335930 736288 GW 03					
	1100397-28-1	204	01	4.00	02	100	60		01	300	330357 738770 GW 01					

	1100397-28-2	204	01	10.00	02	85	40		01	900		331388	737706	GW	01					
	1100397-34-1	204	01	6.00	02	70	48		01	500		334105	733291	GW	01					
	1100397-34-2	204	01	8.00	02	90	60		01	700		334846	731195	GW	01					
	1100397-34-3	204	01	6.00	02	85	60		01	500		335709	731579	GW	01					
	1100397-34-4	204	01	10.00	02	100	80		01	900		334349	729876	GW	03					
	1100397-34-5	204	01	10.00	02	100	80		01	900		332252	731600	GW	03					
	1100397-35-1	205	01	10.00	02	120	90		01	900		337425	733078	GW	03					
1100402	19.00		03	3.6	02	11	6-87	AG	GW	8		NAPLES FRUIT & VEGETABLE				70	1.5	1	6	0.20
	1100402-1	219	02	4.00	02	70	50		02	100		305027	683348	GW	03					
	1100402-2	219	02	4.00	02	70	50		02	100		304676	683358	GW	03					
	1100402-3	219	02	4.00	02	70	50		02	100		304666	682971	GW	03					
	1100402-4	219	02	4.00	02	70	50		02	100		305025	682949	GW	03					
	1100402-5	219	02	4.00	02	70	50		02	100		304663	682575	GW	03					
	1100402-6	219	02	4.00	02	70	50		02	100		305023	682553	GW	03					
	1100402-7	219	02	4.00	02	70	50		02	100		304271	683256	GW	03					
	1100402-8	219	02	8.00	02	100	78	70	02	1000		304445	682868	GW	03					
1100403	43.33		03	6.1	02	11	6-87	REC	BOTH	1	1	COLLIER CO. (EAST NAPLES COMM PK)				15	0.4	1	34	0.75
	1100403-1	232	01	6.00	02	20	18		01	75		249322	645578	GW	01					
	1100403-SW1	232	02						01	100		249018	644858	SW	01					
1100406	2460.00		03			11	7-87	IND	SW		2	MARCO WOODS, INC.						1		
	1100406-SW1	233	01						02	10000		290247	607515	SW	01	MINING/DEWATERING OPERATIONS				
	1100406-SW2	233	03						02	8000		290309	607398	SW	01					
1100407	12.00		03			11	7-87	COM	GW	2		MID-ATLANTIC PET DIST.						1	70	
	1100407-1	233	01	8.00	02	40			02	100		289169	624536	GW	01					
	1100407-2	233	01	8.00	02	40			02	100		288610	624623	GW	01					
1100411	8.99		03	2.22	02	11	8-89	AG	GW	1		MILES B. SCOFFIELD (ORG BSM FM)				61	0.4	1	10	0.50
	1100411-1	217	02	6.00	02	40	30		01	600		249470	690226	GW	01					
1100413	247.01		03	34.8	02	11	9-87	LAN	GW	4		ORANGETREE ASSOC. (ORANGETREE)				15	0.4	1	191	0.75
	1100413-1	204	02	12.00	02	180	70	60	02	500		306464	716530	GW	03					
	1100413-2	204	02	12.00	02	180	70	60	02	500		306466	711200	GW	03					
	1100413-3	204	02	12.00	02	180	70	60	02	500		306582	708620	GW	03					
	1100413-4	204	02	12.00	02	180	70	60	02	500		313560	708469	GW	03					
1100414	735.92		03	9.03	01	11	9-87	AG	GW	20		ORANGE TREE ASSOC., INC.				13	0.4	1	1600	0.85
	1100414-A1	204	02	12.00	02	180	70	60	02	500		309034	716494	GW	03					
	1100414-A2	204	02	12.00	02	180	70	60	02	500		311927	716638	GW	03					
	1100414-A3	204	02	12.00	02	180	70	60	02	500		314538	716682	GW	03					
	1100414-A4	204	02	12.00	02	180	70	60	02	500		314583	715404	GW	03					
	1100414-A5	204	02	12.00	02	180	70	60	02	500		313369	715351	GW	03					
	1100414-A6	204	02	12.00	02	180	70	60	02	500		311887	715329	GW	03					
	1100414-A7	204	02	12.00	02	180	70	60	02	500		310473	715319	GW	03					
	1100414-A8	204	02	12.00	02	180	70	60	02	500		309192	715311	GW	03					
	1100414-A9	204	02	12.00	02	180	70	60	02	500		309206	713873	GW	03					
	1100414-A10	204	02	12.00	02	180	70	60	02	500		311892	714120	GW	03					
	1100414-A11	204	02	12.00	02	180	70	60	02	500		314598	714059	GW	03					
	1100414-A12	204	02	12.00	02	180	70	60	02	500		314671	712840	GW	03					
	1100414-A13	204	02	12.00	02	180	70	60	02	500		313317	712821	GW	03					
	1100414-A14	204	02	12.00	02	180	70	60	02	500		311911	712770	GW	03					
	1100414-A15	204	02	12.00	02	180	70	60	02	500		309376	711440	GW	03					
	1100414-A16	204	02	12.00	02	180	70	60	02	500		310586	711505	GW	03					

	1100414-A17		204	02	12.00	02	180	70	60	02	500		313423	711354	GW	03						
	1100414-A18		204	02	12.00	02	180	70	60	02	500		314519	711208	GW	03						
	1100414-A19		204	02	12.00	02	180	70	60	02	500		309383	710079	GW	03						
	1100414-A20		204	02	12.00	02	180	70	60	02	500		309373	708589	GW	03						
1100415		49.43		03	6.96	02	11	9-87	LAN	BOTH	1	4	LONE OAK, LTD.					15	0.4	1	37	0.75
1100415																		20	0.4	1	1	0.75
	1100415-1		217	01	6.00	02				01	150		249467	690189	GW	01						
	1100415-SW1		217	02						01	300		249326	688960	SW	01						
	1100415-SW2		217	02						01	300		250729	689047	SW	01						
	1100415-SW3		217	02						01	300		250699	690339	SW	01						
	1100415-SW4		217	02						01	300		249542	690733	SW	01						
1100416		80.92		03	02	02	11	9-88	AG	GW	2		NORTHRUP KING CO.					61	0.4	1	58	0.50
	1100416-2A		233	01	8.00	02	70	40	40	02	1200		286514	624628	GW	01						
	1100416-2B		233	02	8.00	02	70	40	40	01	1000		287134	624645	GW	01						
1100419		158.78		03	0.6525	01	11	9-87	PWS	GW	2		ORANGE TREE ASSOC.									
	1100419-1		204	02	12.00	02	180	70	60	02	500		308907	712671	GW	03						
	1100419-2		204	02	12.00	02	180	70	60	02	500		307954	713652	GW	03						
1100420		34.07		03	22.92	02	11	9-87	LAN	SW		8	LONGSHORE LAKES JOINT VENTURE					15	0.8	1	30	0.75
	1100420-1		203	02						02	400		261398	709247	SW	01						
	1100420-2		203	02						02	200		261398	709252	SW	01						
	1100420-3		203	02						02	500		263568	710864	SW	01						
	1100420-4		203	02						02	200		263568	710869	SW	01						
	1100420-5		203	02						02	400		263455	707317	SW	01						
	1100420-6		203	02						02	200		263455	707322	SW	01						
	1100420-7		203	02						02	300		261587	705835	SW	01						
	1100420-8		203	02						02	200		261587	705840	SW	01						
1100422		29.75		03	4.41	02	11	10-87	LAN	SW		1	JOSEPH D. BONNESS,JR,TRUSTEE					15	0.4	1	23	0.75
	1100422-1		217	02						01	275		248291	692602	SW	01	(WTHDRL FR ON-SITE LAKE)					
1100423		124.40		03	17.52	02	11	1-89	GLF	BOTH	1	3	ELBA DEVELOPMENT CORP.					15	0.4	1	96	0.75
1100423													(ROYALWOOD GOLF CLUB)									
	1100423-1		233	02	12.00	02	40			02	650		263059	647814	GW	01						
	1100423-SW1		233	02						02	500		262156	646736	SW	01						
	1100423-SW2		233	02						02	500		263913	647385	SW	01						
	1100423-SW3		233	02						02	250		262551	648678	SW	01						
1100424		7.88		03	0.864	02	11	10-87	IND	GW	1		CENTRAL NAPLES TEXACO RECOVERY WELL FOR UST							1		
	1100424-1		217	01	8.00	02	21	20		03	25		238808	663209	GW	01						
1100428		3900.00		03			11	1-88	IND	GW	14		LONGSHORE LAKE JOINT-VENTURE							1		
	1100428-SW1		203	01						01	5000		263289	710680	SW	01	MINING/DEWATERING OPERATION					
	1100428-SW2		203	01						01	5000		262941	710686	SW	01						
	1100428-SW3		203	01						01	5000		261715	710570	SW	01						
	1100428-SW4		203	01						01	5000		263150	709706	SW	01						
	1100428-SW5		203	01						01	5000		261782	710009	SW	01						
	1100428-SW6		203	01						01	5000		261430	710210	SW	01						
	1100428-SW7		203	01						01	5000		262268	708613	SW	01						
	1100428-SW8		203	01						01	5000		262329	708167	SW	01						
	1100428-SW9		203	01						01	5000		261860	708599	SW	01						
	1100428-SW10		203	01						01	5000		261880	708115	SW	01						
	1100428-SW11		203	01						01	5000		261980	707617	SW	01						

	1100449-1	218	02	2.00	02	73	68	50	01	72	264784	661965	GW	03						
	1100449-2	218	02	2.00	02	73	68	50	01	72	264682	661233	GW	03						
	1100449-3	218	02	2.00	02	73	68	50	01	72	264680	660661	GW	03						
	1100449-4	218	02	2.00	02	73	68	50	01	72	264574	660113	GW	03						
	1100449-SW1	218	01						03	81	264784	661961	SW	01						
	1100449-SW2	218	01						03	81	264682	661225	SW	01						
	1100449-SW3	218	01						03	81	264680	660669	SW	01						
	1100449-SW4	218	01						03	81	264570	660097	SW	01						
1100451	116.00		03	22.89	02	11	6-88	AG	BOTH	2	1 HOBSCHMAN & ASSOCIATES					61	0.4	1	103	0.50
	1100451-1	233	01	8.00	02	40	30		01	600	265466	634432	GW	01						
	1100451-2	233	01	8.00	02	40	30		01	600	266366	633765	GW	01						
	1100451-SW1	233	02						03	2000	265919	634187	SW	01						
1100455	13.50		03	2.55	02	11	7-88	AG	GW	1	ROBERT E. DAVENPORT					70	1.5	1	5	0.20
1100455																70	1.5	1	3	0.20
	1100455-1	218	02	4.00	02	80	70		01	130	274970	696943	GW	03	Davenport nursery					
1100459	8.15		03	1.14	02	11	9-88	LAN	GW	1	COLLIER CO. PUBLIC SCHOOLS					15	0.4	1	6	0.75
	1100459-1	218	02	6.00	02	63	25		02	135	270892	671180	GW	01						
1100461	11.64		03	1.65	02	11	9-88	LAN	BOTH	1	1 BOCA CIEGA MANOR CONDOMINIUM					15	0.4	1	9	0.75
	1100461-1	232	02	2.00	02	37	30	22	01	50	253621	646957	GW	01						
	1100461-SW1	232	02						01	250	253737	647121	SW	01						
1100462	106.70		03	17.4	02	11	10-88	AG	GW	4	JAMES PUGH (INTERSCAPE INC.)					70	1.5	1	29	0.20
	1100462-1	218	01	2.00	02	44	30	30	01	40	285296	678139	GW	01						
	1100462-2	218	01	2.00	02	44	30	30	01	40	285291	678055	GW	01						
	1100462-3	218	02	8.00	02	80	40	40	01	250	285281	677271	GW	03						
	1100462-4	218	02	8.00	02	80	40	40	01	250	284997	677256	GW	03						
1100463	8.50		03	1.2	02	11	10-88	LAN	SW	2	PINE RIDGE ASSOC. II, LTD.					15	0.4	1	7	0.75
	1100463-PS1	217	02						01	80	248776	683424	SW	01						
	1100463-PS2	217	02						01	80	248771	683996	SW	01						
1100464	7.24		03	1.02	02	11	10-88	LAN	SW		2 PINE RIDGE ASSOC. I, LTD.					15	0.4	1	6	0.75
	1100464-PS1	217	02						01	80	248768	683404	SW	01						
	1100464-PS2	217	02						01	80	248755	683996	SW	01						
1100466	14.84		03	2.1	02	11	11-8	AG	GW	2	BEN WALKER					15	0.4	1	5	0.75
	1100466-1	218	02	2.00	02	60	40		01	70	288542	672327	GW	01						
	1100466-2	218	02	2.00	02	60	40		01	70	288497	672099	GW	01						
1100469	6.72		03	0.81	02	11	11-88	AG	GW	2	M. ROY BATTY					13	1.5	1	3	0.20
	1100469-1	218	01	2.00	02	20	15		03		287196	671959	GW	01						
	1100469-2	218	02	4.00	02	30	25		01	100	287157	672095	GW	01						
1100470	368.58		03	51.9	02	11	5-89	GLF	BOTH	6	2 MICHAEL & JOE PROCACCI					15	0.4	1	285	0.75
	1100470-1	218	03	10.00	02	80	50	60	02	500	259119	685583	GW	03	WELL USED TO BACK-UP SURFACE SUPLY					
	1100470-2	218	03	10.00	02	80	50	60	02	500	259138	686404	GW	03	Vineyards of Naples					
	1100470-3	218	03	10.00	02	80	50	60	02	500	259112	687120	GW	03						
	1100470-4	218	03	10.00	02	80	50	60	02	500	259050	687796	GW	03						
	1100470-5	218	03	10.00	02	80	50	60	02	500	259041	688417	GW	03						
	1100470-6	218	03	10.00	02	80	50	60	02	500	259010	689017	GW	03						
	1100470-SW1	218	01						02	11000	259213	683538	SW	01						
	1100470-SW2	218	01						02	11000	258927	690306	SW	01						

1100472		24.53		03	4.23	02	11	12-88	AG	GW	2	THE GARDEN STATE	70	1.5	1	5	0.20
1100472													70	1.5	1	6	0.20
	1100472-1		203	02	8.00	02	100	70	60	02	255	289526 705539 GW 03 (FOUR J'S NURSERY)					
	1100472-2		203	02	4.00	02	100	70	60	02	60	289508 705639 GW 03					
1100474		67.25		03	9.48	02	11	12-88	GLF	BOTH	2	2 LEISURE TECHNOLOGY (BRETTONE PK)	15	0.4	1	52	0.75
	1100474-1		218	02	8.00	02	60	45	30	02		260290 660439 GW 01					
	1100474-2		218	02	8.00	02	60	45	30	02		260171 659551 GW 01					
	1100474-SW1		218	02						02	3500	260732 661286 SW 01					
	1100474-SW2		218	02						02	3500	259841 661501 SW 01					
1100475		87.94		03	12.39	02	11	12-88	LAN	BOTH	2	2 LEISURE TECHNOLOGY (BRETTONE PK)	15	0.4	1	68	0.75
	1100475-1		218	02	8.00	02	60	45		03		260286 660443 GW 01					
	1100475-2		218	02	8.00	02	60	45		03		260207 659539 GW 01					
	1100475-SW1		218	02						02	3500	260716 661282 SW 01					
	1100475-SW2		218	02						02	3500	259845 661489 SW 01					
1100476		89.69		03	33.01	02	11	12-88	AG	GW	2	BOWEN BROTHERS, INC. (BOWEN BROS.	13	0.8	19	195	0.85
	1100476-1		190	01	8.00	02	200	140		02	600	351434 775288 GW 03					
	1100476-2		190	01	8.00	02	200	140		02	600	350556 775251 GW 03					
1100477		12.38		03	1.83	02	11	12-88	AG	GW	3	COLLIER DEVELOPMENT CORP.	70	0.8	1	12	0.20
	1100477-1		202	02	8.00	02	40	20	20	01	150	239848 706996 GW 01 Owl Hammock Tree					
	1100477-2		202	02	8.00	02	40	20	20	01	150	239190 706731 GW 01					
	1100477-3		202	02	8.00	02	40	20	20	01	150	239013 707393 GW 01					
1100478		508.64		03	149.7	02	11	12-88	LAN	GW	6	MICHAEL & JOSEPH PROCACCI	15	0.4	1	394	0.75
	1100478-1		218	01	10.00	02	80	50		02	500	259123 685579 GW 03					
	1100478-2		218	01	10.00	02	80	50		02	500	259142 686412 GW 03					
	1100478-3		218	01	10.00	02	80	50		02	500	259112 687112 GW 03					
	1100478-4		218	01	10.00	02	80	50		02	500	259042 687796 GW 03					
	1100478-5		218	01	10.00	02	80	50		02	500	259049 688421 GW 03					
	1100478-6		218	01	10.00	02	80	50		02	500	259006 689029 GW 03					
1100479		29.10		03	3.24	02	11	1-89	AG	GW	1	NANCE NURSERY, INC.	70	0.4	1	6	0.20
	1100479-1		219	02	4.00	02	95	85	80	02	75	302270 683347 GW 03					
1100480		14.90		03	6.72	02	11	1-89	AG	GW	1	ELVIN ENGLE (BEST WAY FARMS)	60	0.4	1	40	0.50
	1100480-1		204	01	10.00	02	60	40		01	1500	308568 723491 GW 03					
1100483		20.64		03	9.18	02	11	1-89	AG	GW	1	JOANNA G. WOOD	60	0.4	1	38	0.50
	1100483-1		203	02	8.00	02	45	15		03	2000	269881 705393 GW 01					
1100516		29.10		03	4.11	02	11	3-89	AG	GW	2	SQUARE ISLAND LANDSCAPING	70	0.4	1	6	0.20
	1100516-1		233	01	6.00	02	45	45	45	01	1000	275515 641033 GW 01					
	1100516-2		233	03	2.00	02	45	45	45	01	35	275395 641023 GW 01					
	1100516-3		233	04	2.00	02	45	45	45	01	35	275395 641045 GW 01					
1100522		11.84		03	1.68	02	11	3-89	AG	GW	2	BREMERMAN'S NURSERY	15	0.4	1	2	0.20
	1100522-1			03	2.00	02	40	10		01	50	264462 629350 GW 01					
	1100522-2		233	01	2.00	02	40	10		01	50	264449 629378 GW 01					
1100524		4.85		03	.69	02	11	3-89	AG	GW	2	WILLIAM M. MAXWELL	70	0.4	1	1	0.20
	1100524-1		233	01	2.00	02	30	20		01	40	277180 641133 GW 01					
	1100524-2		233	01	4.00	02	30	20		01	120	277035 641083 GW 01					

1100536		12.00		03	4.38	02	11	4-89	AG	GW	1	RANDY RINER				13	0.8	1	26	0.85
	1100536-1		203	02	8.00	02	105	100		01	600	279583	699027	GW	03					
1100546		0.34		03	.84	02	11	5-89	AG	GW	1	GARY CARLO				70	0.4	1	17	0.20
	1100546-1		233	01	2.00	02	27	24		01	70	263743	629170	GW	01					
1100547		381.20		03	67.2	02	11	6-89	AG	BOTH	12	2 R.S. & SONS FARMS				61	0.4	1	30	0.85
1100547																61	0.4	1	35	0.50
	1100547-1		204	01	8.00	02	75	70		03	1000	331570	713235	GW	03					
	1100547-2		204	01	8.00	02	52			03	600	330966	713243	GW	01					
	1100547-3		204	01	10.00	02	90	70		03	600	331735	713890	GW	03					
	1100547-4		204	01	10.00	02	90	70		03	600	329166	714691	GW	03					
	1100547-5		204	01	8.00	02	75	70		03	600	331711	714563	GW	03					
	1100547-6		204	01	10.00	02	90	70		01	600	331715	715232	GW	03					
	1100547-7		204	01	10.00	02	90	70		01	600	328231	716805	GW	03					
	1100547-8		204	01	10.00	02	90	70		03	600	327591	716905	GW	03					
	1100547-9		204	01	10.00	02	90	70		01	600	330831	717862	GW	03					
	1100547-10		204	02	10.00	02	90	70		02	1760	328457	717607	GW	03					
	1100547-11		204	02	10.00	02	90	70		02	1760	327982	717717	GW	03					
	1100547-12		204	02	10.00	02	90	70		02	520	327407	717832	GW	03					
	1100547-SW1		204	01						02	17000			SW	01					
	1100547-SW2		204	01						02	12000			SW	01					

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COLLIER COUNTY MODEL BOUNDARY OVERLAP AREA OF HENDRY COUNTY
==========================================================================================================================
LINE 1 HEADINGS  - Existing Water Use - Permit Information and Table 2 - Forcasted Agricultural Demand for Each Permit)
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PERMIT  AN.              ALL.  MAX  MO.      DATE  USE SRC.NO.   SW                                  CROP SOIL  RAIN  IRR IRR
NO.     ALL.             UNT.  MO.  UTS. CO ISS.   TYPE    WLS.  PMPS   OWNER                        TYPE TYPE   ST ACRES EFF
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LINE 2( HEADINGS - Existing Water Use - Facilities Information for Each Permit)
==========================================================================================================================
PERMIT  FACILITY        QUAD     WELL    DPTH              PMP PUMP PUMP
NO.     NUMBER          NO. STS DIA.     CODE  TD  CD      INT TYPE CAP. MTR?  XPLNR  YPLNR  SRC AQ  COMMENTS
==========================================================================================================================
==========================================================================================================================
2600020 4625.28             03  380.16 02    26 6/87  AG   GW      37      JOE A. HILLIARD                20    0.8   26 16384 0.50
        2600020-1       174 01    6.00 02   150            01     600      449912  793105 GW   03
        2600020-2       174 01    6.00 02   150            01     600      449911  793105 GW   03
        2600020-3       174 01    6.00 02   150            01     600      452745  793172 GW   03
        2600020-4       174 01    6.00 02   150            01     600      453976  789656 GW   03
        2600020-5       174 01    6.00 02   150            01     600      457620  789508 GW   03
        2600020-6       174 01    6.00 02   150            01     600      454346  787925 GW   03
        2600020-10      174 01    6.00 02   150            01     600      450952  788536 GW   03
        2600020-7       192 01    6.00 02   150            01     600      457963  786213 GW   03
        2600020-8       192 01    6.00 02   150            01     600      457643  786974 GW   03
        2600020-9       192 01    6.00 02   150            01     600      453062  782772 GW   03
        2600020-11      192 01    6.00 02   150            01     600      448174  785803 GW   03
        2600020-12      192 01    6.00 02   150            01     600      446344  785686 GW   03
        2600020-13      192 01    6.00 02   150            01     600      446114  787461 GW   03
        2600020-14      192 01    6.00 02   150            01     600      453231  786974 GW   03
        2600020-15      192 01    6.00 02   150            01     600      447411  788461 GW   03
        2600020-16      192 01    6.00 02   150            01     600      430697  781960 GW   03
        2600020-17      192 01    6.00 02   150            01     600      427495  781015 GW   03
        2600020-18      192 01    6.00 02   150            01     600      428658  777043 GW   03
        2600020-19      192 01    6.00 02   150            01     600      431999  781338 GW   03
        2600020-20      192 01    6.00 02   150            01     600      431214  777339 GW   03
        2600020-21      192 01    6.00 02   150            01     600      436641  777684 GW   03
        2600020-22      192 01    6.00 02   150            01     600      437805  782096 GW   03
        2600020-23      192 01    6.00 02   150            01     600      447899  781588 GW   03
        2600020-24      192 01    6.00 02   150            01     600      448616  782121 GW   03
        2600020-25      192 01    6.00 02   150            01     600      450024  780852 GW   03
        2600020-25      192 01    6.00 02   150            01     600      452221  780729 GW   03
        2600020-26      192 01    6.00 02   150            01     600      453041  782377 GW   03
        2600020-27      192 01    6.00 02   150            01     600      453641  778220 GW   03
        2600020-28      192 01    6.00 02   150            01     600      442530  772336 GW   03
        2600020-29      192 01    6.00 02   150            01     600      438416  776637 GW   03
        2600020-30      192 01    6.00 02   150            01     600      436885  772131 GW   03
        2600020-31      192 01    6.00 02   150            01     600      432690  776816 GW   03
        2600020-32      192 01    6.00 02   150            01     600      431319  774842 GW   03
        2600020-33      192 01    6.00 02   150            01     600      429499  776184 GW   03
        2600020-34      192 01    6.00 02   150            01     600      427116  772155 GW   03
        2600020-35      192 01    6.00 02   150            01     600      458267  77[illegible]028 GW   03
        2600020-36      192 01    6.00 02   150            01     600      445899  766885 GW   03

2600052 29.36               03    5.68   02    26 10/87 AG   GW       5      JOHN F. CHARLTON               15    1.5   15     5 0.50
2600052                                                                                                  52    1.5   15    25 0.50
        2600052-1       172 01    6.00 02    58                   500      366793  795161 GW   03
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	2600052-2	172	01	6.00	02	58					500	365417	794598	GW	03					
	2600052-3	172	01	4.00	02	58					200	368076	794724	GW	03					
	2600052-4	172	01	3.00	02	26					150	366832	795975	GW	01					
	2600052-5	172	01	3.00	02	30					150	366302	796192	GW	01					
2600053	8.80		03			26	7/77		AG	GW	2	R. D. DUNAWAY				20	0.8	15	40	0.50
	2600053-1	172	01	6.00	02	33					600	352678	804185	GW	01					
	2600053-2	172	01	6.00	02	33					600	353705	803721	GW	01					
2600056	33.56		03			26	7/77		AG	GW	2	FELDA RANCH				20	0.8	15	155	0.50
	2600056-1	172	01	6.00		33					600	354834	804624	GW	01					
	2600056-2	172	01	6.00		33					600	354708	806053	GW	01					
2600070	525.60		03	43.20	02	26	6/87		AG	GW	19	E. C. MILLS				20	0.8	26	2268	0.50
	2600070-13	193	01	9.00	02	100					500	479995	785325	GW	03					
	2600070-6	193	01	9.00	02	100					500	478576	785490	GW	03					
	2600070-4	193	01	9.00	02	100					500	476313	785445	GW	03					
	2600070-15	193	01	9.00	02	100					500	473456	785400	GW	03					
	2600070-20	193	01	6.00	02	109		50			500	479090	783577	GW	03					
	2600070-12	193	01	9.00	02	100					500	480484	781522	GW	03					
	2600070-7	193	01	9.00	02	100					500	478725	781726	GW	03					
	2600070-19	193	01	3.00	02	40		20			500	476488	781331	GW	01					
	2600070-8	193	01	9.00	02	100					500	476092	781832	GW	03					
	2600070-11	193	01	9.00	02	100					500	480605	779924	GW	03					
	2600070-10	193	01	9.00	02	100					500	478977	780029	GW	03					
	2600070-9	193	01	9.00	02	100					500	476405	779916	GW	03					
	2600070-1	175	01	9.00	02	100					500	476141	790688	GW	03					
	2600070-14	175	01	9.00	02	100					500	480053	788070	GW	03					
	2600070-5	175	01	9.00	02	100					500	478478	788054	GW	03					
	2600070-3	175	01	9.00	02	100					500	475985	788056	GW	03					
	2600070-16	175	01	9.00	02	100					500	473577	788124	GW	03					
	2600070-17	175	01	9.00	02	100					500	472948	788590	GW	03					
	2600070-18	175	01	9.00	02	100					500	471676	787916	GW	03					
2600073	1264.87		03	465.54	02	26	4/88		AG	GW	62	USSC - DEVILS GARDEN CITRUS SO.				13	0.8	26	2750	0.85
	2600073-1	193	04	6.00	02	120		70			600	459385	772097	GW	03					
	2600073-2	193	04	16.00	02	120		70			600	463070	772171	GW	03					
	2600073-3	193	04	6.00	02	120		70			600	464240	772082	GW	03					
	2600073-4	193	04	6.00	02	120		70			600	459312	770328	GW	03					
	2600073-5	193	04	6.00	02	120		70			600	462601	770189	GW	03					
	2600073-6	193	04	6.00	02	120		70			600	459400	768039	GW	03					
	2600073-7	193	04	6.00	02	120		70			600	463045	766452	GW	03					
	2600073-8	193	04	8.00	02	120		70			600	463965	765436	GW	03					
	2600073-9	193	04	6.00	02	120		70			600	459542	764321	GW	03					
	2600073-10	193	04	6.00	02	120		70			600	462860	763550	GW	03					
	2600073-11	193	04	6.00	02	120		70			600	464226	763519	GW	03					
	2600073-12	193	04	6.00	02	120		70			600	461402	762607	GW	03					
	2600073-13	193	04	6.00	02	120		70			600	460606	770331	GW	03					
	2600073-14	193	04	6.00	02	120		70			600	465880	771249	GW	03					
	2600073-15	193	04	16.00	02	120		70			600	467391	772313	GW	03					
	2600073-16	193	04	6.00	02	120		70			600	468642	771563	GW	03					
	2600073-17	193	04	6.00	02	120		70			600	466980	769873	GW	03					
	2600073-18	193	04	6.00	02	120		70			600	467701	769899	GW	03					
	2600073-19	193	04	6.00	02	120		70			600	464778	766494	GW	03					
	2600073-20	193	04	6.00	02	120		70			600	465895	766487	GW	03					
	2600073-21	193	04	6.00	02	120		70			600	467123	766551	GW	03					

	2600073-22	193	04	6.00	02	120	70			600		466552	764547	GW	03					
	2600073-23	193	04	6.00	02	120	70			600		469857	763504	GW	03					
	2600073-24	193	04	6.00	02	120	70			600		470945	772151	GW	03					
	2600073-25	193	04	10.00	02	120	70			600		472098	772069	GW	03					
	2600073-26	193	04	6.00	02	120	70			600		470325	770677	GW	03					
	2600073-27	193	04	6.00	02	120	70			600		469905	767808	GW	03					
	2600073-28	193	04	6.00	02	120	70			600		472515	767853	GW	03					
	2600073-29	193	04	6.00	02	120	70			600		474573	768281	GW	03					
	2600073-30	193	04	6.00	02	120	70			600		474418	767561	GW	03					
	2600073-31	193	04	6.00	02	120	70			600		471325	764676	GW	03					
	2600073-32	193	04	6.00	02	120	70			600		471325	763533	GW	03					
	2600073-33	193	04	6.00	02	120	70			600		473765	763270	GW	03					
	2600073-34	193	04	6.00	02	120	70			600		473472	769061	GW	03					
	2600073-35	193	04	6.00	02	120	70			600		471367	762910	GW	03					
	2600073-36	193	04	6.00	02	120	70			600		472572	770552	GW	03					
	2600073-	193	01	10.00	02	100	60			600		460551	763400	GW	03					
	2600073-	193	01	10.00	02	100	60			600		463348	763454	GW	03					
	2600073-	193	01	10.00	02	100	60			600		460326	765916	GW	03					
	2600073-	193	01	10.00	02	100	60			600		463133	765806	GW	03					
	2600073-	193	01	10.00	02	100	60			600		460641	768454	GW	03					
	2600073-	193	01	10.00	02	100	60			600		460652	770901	GW	03					
	2600073-	193	01	10.00	02	100	60			600		463371	770956	GW	03					
	2600073-	193	01	10.00	02	100	60			600		462800	768558	GW	03					
	2600073-	193	01	10.00	02	100	60			600		464859	765593	GW	03					
	2600073-	193	01	10.00	02	100	60			600		466946	765670	GW	03					
	2600073-	193	01	10.00	02	100	60			600		469573	765682	GW	03					
	2600073-	193	01	10.00	02	100	60			600		465244	762510	GW	03					
	2600073-	193	01	10.00	02	100	60			600		468560	762751	GW	03					
	2600073-	193	01	10.00	02	100	60			600		464965	768315	GW	03					
	2600073-	193	01	10.00	02	100	60			600		467301	768327	GW	03					
	2600073-	193	01	10.00	02	100	60			600		469381	768398	GW	03					
	2600073-	193	01	10.00	02	100	60			600		465025	770902	GW	03					
	2600073-	193	01	10.00	02	100	60			600		467282	771039	GW	03					
	2600073-	193	01	10.00	02	100	60			600		470944	770821	GW	03					
	2600073-	193	01	10.00	02	100	60			600		473404	770971	GW	03					
	2600073-	193	01	10.00	02	100	60			600		473466	768350	GW	03					
	2600073-	193	01	10.00	02	100	60			600		471012	768620	GW	03					
	2600073-	193	01	10.00	02	100	60			600		473687	765281	GW	03					
	2600073-	193	01	10.00	02	100	60			600		471283	765456	GW	03					
	2600073-	193	01	10.00	02	100	60			600		473778	763044	GW	03					
	2600073-	193	01	10.00	02	100	60			600		471357	763117	GW	03					
2600075	63.86		03	11.72	02	26	4/87	AG	GW	3		D. B. TOWNSEND				20	0.8	15	63	0.50
	2600075-1	172	01	3.00	02	60	40		01	200	N	357476	801361	GW	01					
	2600075-2	172	01	3.00	02	60	40		01	200	N	355743	801313	GW	01					
	2600075-3	172	01	3.00	02	60	40		01	250	N	356482	801323	GW	01					
2600079	33.56		03			26	3/77	AG	GW	4		LAWAYNE RAWLS				13	0.0	15	143	0.85
	2600079-	172	01	6.00	02	30	20			600	N	354900	806400	GW	01					
	2600079-	172	01	6.00	02	80				600	N	354900	806400	GW	03					
	2600079-	172	01	6.00	02	80				600	N	354900	806400	GW	03					
	2600079-	172	01	8.00	02	160				600	N	354900	806400	GW	04					
2600083	131.77		03	26.55	02	26	12/87	AG	GW	11		CROOKS RANCH				61	0.8	26	135	0.50
	2600083-1	193	03	6.00	02	80	50			600		459457	772693	GW	03					
	2600083-2	193	03	6.00	02	80	50			600		459907	774400	GW	03					

	2600083-3	193	01	6.00	02	80	50			1000	459364	775622	GW	03						
	2600083-4	193	01	6.00	02	80	50			1100	461595	778078	GW	03						
	2600083-5	193	03	6.00	02	80	50			600	462786	782093	GW	03						
	2600083-6	193	01	6.00	02	80	50			1200	465273	774925	GW	03						
	2600083-7	193	01	6.00	02	80	50			1000	464992	778043	GW	03						
	2600083-8	193	03	6.00	02	80	50			600	466776	782406	GW	03						
	2600083-9	193	03	6.00	02	80	50			600	468486	783273	GW	03						
	2600083-10	193	01	6.00	02	80	50			1100	467885	785566	GW	03						
	2600083-11	193	03	6.00	02	80	50			600	468311	787158	GW	03						
2600087				1480.0002		26	3/88	AG	GW	101	ROBERT E. McDANIEL, SR.					13	0.8	26	3480	0.85
2600087																61	0.8	26	1000	0.50
2600087																20	0.8	26	3164	0.50
	2600087-5	193	01	6.00	02	100	60			600	497464	761861	GW	03	59 of these wells will be abandon.					
	2600087-6	193	01	6.00	02	100	60			600	496769	761141	GW	03	12" wells w/ 800 gpm pumps					
	2600087-7	193	01	6.00	02	100	60			600	500021	758735	GW	03						
	2600087-8	193	01	6.00	02	100	60			600	491482	761621	GW	03						
	2600087-9	193	01	6.00	02	100	60			600	492504	761680	GW	03						
	2600087-10	193	01	6.00	02	100	60			600	493369	761735	GW	03						
	2600087-11	193	01	6.00	02	100	60			600	494997	761302	GW	03						
	2600087-12	193	01	6.00	02	100	60			600	491527	760294	GW	03						
	2600087-13	193	01	6.00	02	100	60			600	493372	760212	GW	03						
	2600087-14	193	01	6.00	02	100	60			600	494397	760450	GW	03						
	2600087-15	193	01	6.00	02	100	60			600	492880	758853	GW	03						
	2600087-16	193	01	6.00	02	100	60			600	495658	759005	GW	03						
	2600087-23	193	01	6.00	02	100	60			600	499825	754152	GW	03						
	2600087-24	193	01	6.00	02	100	60			600	498574	753861	GW	03						
	2600087-25	193	01	6.00	02	100	60			600	497231	754619	GW	03						
	2600087-26	193	01	6.00	02	100	60			600	495509	757014	GW	03						
	2600087-27	193	01	6.00	02	100	60			600	494366	755602	GW	03						
	2600087-28	193	01	6.00	02	100	60			600	494942	755078	GW	03						
	2600087-29	193	01	6.00	02	100	60			600	492708	754444	GW	03						
	2600087-30	193	01	6.00	02	100	60			600	493438	753821	GW	03						
	2600087-31	193	01	6.00	02	100	60			600	492147	752521	GW	03						
	2600087-38	193	01	6.00	02	100	60			600	498150	751434	GW	03						
	2600087-39	193	01	6.00	02	100	60			600	497151	751268	GW	03						
	2600087-40	193	01	6.00	02	100	60			600	495676	748844	GW	03						
	2600087-41	193	01	6.00	02	100	60			600	494703	749234	GW	03						
	2600087-42	193	01	6.00	02	100	60			600	494534	750116	GW	03						
	2600087-43	193	01	6.00	02	100	60			600	494606	750810	GW	03						
	2600087-44	193	01	6.00	02	100	60			600	492303	751342	GW	03						
	2600087-45	193	01	6.00	02	100	60			600	489068	760715	GW	03						
	2600087-46	193	01	6.00	02	100	60			600	483492	760452	GW	03						
	2600087-47	193	01	6.00	02	100	60			600	483895	760036	GW	03						
	2600087-48	193	01	6.00	02	100	60			600	485302	757313	GW	03						
	2600087-49	193	01	6.00	02	100	60			600	476391	760645	GW	03						
	2600087-50	193	01	6.00	02	100	60			600	478874	760654	GW	03						
	2600087-51	193	01	6.00	02	100	60			600	477025	757520	GW	03						
	2600087-52	193	01	6.00	02	100	60			600	478830	756906	GW	03						
	2600087-53	193	01	6.00	02	100	60			600	476065	756039	GW	03						
	2600087-54	193	01	6.00	02	100	60			600	475557	755496	GW	03						
	2600087-55	193	01	6.00	02	100	60			600	477479	753667	GW	03						
	2600087-56	193	01	6.00	02	100	60			600	481377	753662	GW	03						
	2600087-57	193	01	6.00	02	100	60			600	481252	752788	GW	03						
	2600087-58	193	01	6.00	02	100	60			600	486262	756481	GW	03						
	2600087-59	193	01	6.00	02	100	60			600	487775	756794	GW	03						

	2600087-60	193	01	6.00	02	100	60			600	488567	753970	GW	03					
	2600087-61	193	01	6.00	02	100	60			600	486273	752170	GW	03					
	2600087-62	193	01	6.00	02	100	60			600	491126	747831	GW	03					
	2600087-63	193	01	6.00	02	100	60			600	492557	747342	GW	03					
	2600087-64	193	01	6.00	02	100	60			600	490276	751126	GW	03					
	2600087-65	193	01	6.00	02	100	60			600	488431	750344	GW	03					
	2600087-66	193	01	6.00	02	100	60			600	486278	749100	GW	03					
	2600087-67	193	01	6.00	02	100	60			600	483822	749812	GW	03					
	2600087-68	193	01	6.00	02	100	60			600	475951	750825	GW	03					
	2600087-69	193	01	6.00	02	100	60			600	476411	747378	GW	03					
	2600087-70	193	01	6.00	02	100	60			600	478996	746991	GW	03					
	2600087-71	193	01	6.00	02	100	60			600	479452	742735	GW	03					
	2600087-72	193	01	6.00	02	100	60			600	483403	743615	GW	03					
	2600087-74	193	01	6.00	02	100	60			600	485175	742350	GW	03					
	2600087-75	193	01	6.00	02	100	60			600	486275	742113	GW	03					
	2600087-76	193	01	6.00	02	100	60			600	487373	742139	GW	03					
	2600087-77	193	01	6.00	02	100	60			600	487308	743417	GW	03					
	2600087-78	193	01	6.00	02	100	60			600	491291	742704	GW	03					
	2600087-81	193	01	6.00	02	100	60			600	494174	745314	GW	03					
	2600087-82	193	01	6.00	02	100	60			600	498115	745830	GW	03					
	2600087-83	193	01	6.00	02	100	60			600	498068	743487	GW	03					
	2600087-1	194	01	6.00	02	100	60			600	496827	742866	GW	03					
	2600087-2	194	01	6.00	02	100	60			600	505091	762190	GW	03					
	2600087-3	194	01	6.00	02	100	60			600	504977	761071	GW	03					
	2600087-4	194	01	6.00	02	100	60			600	504977	758862	GW	03					
	2600087-17	194	01	6.00	02	100	60			600	504937	757189	GW	03					
	2600087-18	194	01	6.00	02	100	60			600	505723	757179	GW	03					
	2600087-19	194	01	6.00	02	100	60			600	506369	757260	GW	03					
	2600087-20	194	01	6.00	02	100	60			600	505559	753917	GW	03					
	2600087-21	194	01	6.00	02	100	60			600	505806	752678	GW	03					
	2600087-22	194	01	6.00	02	100	60			600	500623	756865	GW	03					
	2600087-32	194	01	6.00	02	100	60			600	503380	751682	GW	03					
	2600087-33	194	01	6.00	02	100	60			600	505414	752018	GW	03					
	2600087-34	194	01	6.00	02	100	60			600	505795	751517	GW	03					
	2600087-35	194	01	6.00	02	100	60			600	505187	749527	GW	03					
	2600087-36	194	01	6.00	02	100	60			600	503176	748991	GW	03					
	2600087-37	194	01	6.00	02	100	60			600	500081	750626	GW	03					
	2600087-84	194	01	6.00	02	100	60			600	500169	742808	GW	03					
	2600087-85	194	01	6.00	02	100	60			600	502351	744592	GW	03					
	2600087-86	194	01	6.00	02	100	60			600	504595	745138	GW	03					
	2600087-87	194	01	6.00	02	100	60			600	504783	744119	GW	03					
	2600087-88	209	01	6.00	02	100	60			600	503215	736674	GW	03					
	2600087-89	209	01	6.00	02	100	60			600	504405	737530	GW	03					
	2600087-90	209	01	6.00	02	100	60			600	505546	736544	GW	03					
2600089	173.67		03			26	11/77	AG	GW	2	CROOKS RANCH				20	0.8	26	800	0.50
	2600089-1A	192	01	6.00	02	80	50			600	420125	770186	GW	03					
	2600089-2B	192	01	6.00	02	80	50			600	423937	773205	GW	03					
2600095	36.25		03	.361	01	26	6/87	AG	BOTH	3	1 E. C. MILLS				13	1.5	15	26	0.75
	2600098-1	194	01	8.00	02	50	20			750	510531	784064	GW	01					
	2600098-2	194	01	8.00	02	50	20			750	508901	782796	GW	01					
	2600098-3	194	03	8.00	02	50	20			750	506697	782938	GW	01					
2600108	15532		03	1276.60	02	26	8/88	AG	GW	129	ALICO				20	0.8	15	23200	0.58
	2600108-109	175	01	6.00	02	80				600	497087	802369	GW	03					

2600108-106	175	01	6.00	02	80		600	496751	805438	GW	03
2600108-105	175	01	6.00	02	80		600	497252	806152	GW	03
2600108-100	175	01	6.00	02	80		600	496555	810852	GW	03
2600108-99	175	01	6.00	02	80		600	496238	811730	GW	03
2600108-95	175	01	6.00	02	80		600	498462	821350	GW	03
2600108-83	175	01	6.00	02	80		600	490043	826170	GW	03
2600108-82	175	01	6.00	02	80		600	493036	824819	GW	03
2600108-84	175	01	6.00	02	80		600	491188	817680	GW	03
2600108-85	175	01	6.00	02	80		600	492792	816085	GW	03
2600108-86	175	01	6.00	02	80		600	492746	812034	GW	03
2600108-88	175	01	6.00	02	80		600	495004	812401	GW	03
2600108-87	175	01	6.00	02	80		600	493732	811285	GW	03
2600108-89	175	01	8.00	02	80		600	493020	808982	GW	03
2600108-91	175	01	6.00	02	80		600	490371	807664	GW	03
2600108-94	175	01	8.00	02	80		600	491682	807199	GW	03
2600108-90	175	01	6.00	02	80		600	491436	806630	GW	03
2600108-93	175	01	6.00	02	80		600	493430	799428	GW	03
2600108-92	175	01	6.00	02	80		600	489800	799165	GW	03
2600108-112	175	01	6.00	02	130	47	600	489383	801957	GW	03
2600108-77	175	01	8.00	02	80		800	485211	808782	GW	03
2600108-78	175	01	8.00	02	80		800	485168	810005	GW	03
2600108-113	175	01	8.00	02	80		800	489993	810489	GW	03
2600108-28	175	01	6.00	02	80		800	481987	796735	GW	03
2600108-27	175	01	8.00	02	80		800	481543	797001	GW	03
2600108-26	175	01	6.00	02	80		800	484690	798476	GW	03
2600108-24	175	01	6.00	02	80		800	481647	801095	GW	03
2600108-25	175	01	6.00	02	80		800	485133	801814	GW	03
2600108-72	175	01	6.00	02	80		600	481232	803097	GW	03
2600108-75	175	01	6.00	02	80		600	484934	804985	GW	03
2600108-73	175	01	6.00	02	80		600	480096	804951	GW	03
2600108-74	175	01	10.00	02	80		600	479903	806475	GW	03
2600108-76	175	01	10.00	02	80		600	481309	809645	GW	03
2600108-79	175	01	6.00	02	80		600	483638	812450	GW	03
2600108-80	175	01	10.00	02	80		600	482634	814655	GW	03
2600108-81	175	01	10.00	02	80		600	480626	815890	GW	03
2600108-71	175	01	6.00	02	80		600	478719	796345	GW	03
2600108-70	175	01	6.00	02	80		600	477748	803704	GW	03
2600108-68	175	01	6.00	02	80		600	475758	804637	GW	03
2600108-69	175	01	6.00	02	80		600	478823	805025	GW	03
2600108-66	175	01	8.00	02	80		600	475897	806632	GW	03
2600108-67	175	01	8.00	02	80		600	475843	806878	GW	03
2600108-65	175	01	6.00	02	80		600	475965	807987	GW	03
2600108-64	175	01	8.00	02	80		600	479459	814168	GW	03
2600108-63	175	01	6.00	02	80		600	477698	819072	GW	03
2600108-116	175	01	6.00	02	80		600	471954	789761	GW	03
2600108-115	175	01	6.00	02	80		600	469641	789748	GW	03
2600108-114	175	01	6.00	02	80		600	470796	793091	GW	03
2600108-23	175	01	6.00	02	80		600	471321	795354	GW	03
2600108-22	175	01	6.00	02	80		600	469812	794863	GW	03
2600108-21	175	01	6.00	02	80		600	470573	795855	GW	03
2600108-56	175	01	6.00	02	80		600	473882	799466	GW	03
2600108-57	175	01	6.00	02	80		600	473263	802057	GW	03
2600108-58	175	01	6.00	02	80		600	472509	803257	GW	03
2600108-59	175	01	8.00	02	80		600	473228	804711	GW	03
2600108-60	175	01	6.00	02	80		600	472984	806156	GW	03
2600108-35	175	01	6.00	02	80		600	470288	806550	GW	03

2600108-62	175	01	6.00	02	80	600	474323	809962 GW	03
2600108-61	175	01	6.00	02	80	600	473173	811396 GW	03
2600108-54	175	01	6.00	02	80	600	469317	814526 GW	03
2600108-53	175	01	6.00	02	80	600	470667	817696 GW	03
2600108-51	175	01	6.00	02	80	600	469595	818004 GW	03
2600108-52	175	01	6.00	02	80	600	470536	822133 GW	03
2600108-20	175	01	6.00	02	80	800	469173	796457 GW	03
2600108-48	175	01	8.00	02	80	800	468368	801661 GW	03
2600108-47	175	01	6.00	02	80	800	465729	812753 GW	03
2600108-46	175	01	6.00	02	80	800	465691	813635 GW	03
2600108-18	175	01	6.00	02	80	800	467416	813196 GW	03
2600108-17	175	01	6.00	02	80	800	468081	813849 GW	03
2600108-50	175	01	6.00	02	80	800	467992	818369 GW	03
2600108-49	175	01	6.00	02	80	800	467957	818818 GW	03
2600108-42	175	01	8.00	02	80	800	461865	794663 GW	03
2600108-43	175	01	8.00	02	80	800	462631	795389 GW	03
2600108-16	174	01	6.00	02	80	800	456362	794403 GW	03
2600108-14	174	01	6.00	02	80	800	453491	796851 GW	03
2600108-15	174	01	6.00	02	80	800	457688	799141 GW	03
2600108-13	174	01	6.00	02	80	600	458293	811266 GW	03
2600108-12	174	01	6.00	02	80	800	452591	800268 GW	03
2600108-11	174	01	6.00	02	80	800	449582	801416 GW	03
2600108-10	174	01	6.00	02	80	800	451170	802132 GW	03
2600108-9	174	01	6.00	02	80	800	450107	804443 GW	03
2600108-40	174	01	6.00	02	80	800	450805	805584 GW	03
2600108-39	174	01	6.00	02	80	800	450381	808527 GW	03
2600108-36	174	01	6.00	02	80	800	444994	800972 GW	03
2600108-37	174	01	6.00	02	80	800	446827	804761 GW	03
2600108-34	174	01	8.00	02	80	800	442745	807866 GW	03
2600108-35	174	01	8.00	02	80	800	443107	808164 GW	03
2600108-38	174	01	6.00	02	80	800	442696	814456 GW	03
2600108-8	174	01	6.00	02	80	378	441362	795660 GW	03
2600108-7	174	01	6.00	02	80	800	441061	796419 GW	03
2600108-6	174	01	6.00	02	80	800	439637	796921 GW	03
2600108-5	174	01	6.00	02	80	800	439488	797811 GW	03
2600108-33	174	01	6.00	02	80	800	442029	802393 GW	03
2600108-32	174	01	6.00	02	80	800	441841	803799 GW	03
2600108-31	174	01	6.00	02	80	800	441299	803830 GW	03
2600108-30	174	01	6.00	02	80	800	440307	807003 GW	03
2600108-29	174	01	6.00	02	80	800	425787	800031 GW	03
2600108-27	174	01	4.00	02	80	800	421996	814401 GW	03
2600108-4	174	01	6.00	02	80	800	422021	815107 GW	03
2600108-	174	01	6.00	02	80	800	424383	816071 GW	03
2600108-28	174	01	4.00	02	80	800	418369	809667 GW	03
2600108-25	174	01	4.00	02	80	800	418900	809593 GW	03
2600108-36	174	01	4.00	02	80	800	420772	809583 GW	03
2600108-2	174	01	6.00	02	80	850	418332	811213 GW	03
2600108-3	174	01	6.00	02	80	750	420234	811548 GW	03
2600108-44	174	01	6.00	02	80	800	458708	810067 GW	03
2600108-45	174	01	6.00	02	80	800	459151	808221 GW	03
2600108-41	174	01	6.00	02	80	800	457851	810084 GW	03
2600108-1	173	01	6.00	02	80	800	417573	813793 GW	03
2600108-23	173	01	6.00	02	80	800	416060	814337 GW	03
2600108-22	173	01	3.00	02	80	800	413494	809661 GW	03
2600108-19	173	01	6.00	02	80	800	414734	818732 GW	03
2600108-13	173	01	6.00	02	80	600	415575	821387 GW	03

	2600108-	173	01	6.00	02	80				800	408584	813770	GW	03					
	2600108-14	173	01	6.00	02	80				800	409677	816238	GW	03					
	2600108-12	173	01	6.00	02	80				375	407770	818132	GW	03					
	2600108-11	173	01	6.00	02	80				800	405239	819694	GW	03					
	2600108-10	173	01	6.00	02	80				800	405259	822290	GW	03					
	2600108-9	173	01	6.00	02	80				800	406661	823485	GW	03					
	2600108-15	173	01	6.00	02	80				800	408449	823314	GW	03					
	2600108-16	173	01	6.00	02	80				800	409165	823701	GW	03					
	2600108-7	173	01	6.00	02	80				800	405243	826560	GW	03					
	2600108-8	173	01	6.00	02	80				800	406762	828178	GW	03					
	2600108-6	173	01	6.00	02	80				800	404022	825080	GW	03					
	2600108-5	173	01	6.00	02	80				800	390359	822234	GW	03					
	2600108-1	155	01	4.00	02	80				800	387814	838804	GW	03					
	2600108-2	155	01	4.00	02	80				800	388529	837622	GW	03					
	2600108-3	155	01	4.00	02	80				800	387719	836576	GW	03					
	2600108-4	155	01	4.00	02	80				800	386907	836821	GW	03					
2600112	3668.11		03	891.96	02	26	9/87	AG	GW	88	BARRON COLLIER III TRUST				61	0.8	26	3164	0.50
2600112															56	0.8	26	3164	0.50
	2600112-11	191	01	8.00	02	44				800	418099	757199	GW	01					
	2600112-12	191	01	8.00	02	54				800	416938	756302	GW	01					
	2600112-63	191	01	10.00	02	60				1000	417500	751680	GW	01					
	2600112-185	206	01	9.00	02	66				800	413710	730475	GW	01					
	2600112-134	206	01	4.00	02	60				400	415731	728675	GW	01					
	2600112-135	206	01	6.00	02	54				600	412923	728627	GW	01					
	2600112-136	206	01	6.00	02	45				600	412350	726605	GW	01					
	2600112-137	206	01	9.00	02	43				800	412306	725527	GW	01					
	2600112-138	206	01	8.00	02	44				800	413115	724569	GW	01					
	2600112-139	206	01	8.00	02	53				800	415474	725966	GW	01					
	2600112-140	206	01	8.00	02	45				800	412375	722670	GW	01					
	2600112-141	206	01	8.00	02	46				800	413975	723415	GW	01					
	2600112-142	206	01	9.00	02	49				800	415774	723421	GW	01					
	2600112-143	206	01	8.00	02	42				800	416316	722261	GW	01					
	2600112-144	206	01	8.00	02	67				800	415329	720621	GW	01					
	2600112-145	206	01	8.00	02	47				800	413105	721125	GW	01					
	2600112-146	206	01	6.00	02	51				600	412927	719774	GW	01					
	2600112-147	206	01	6.00	02	58				600	417366	722064	GW	01					
	2600112-150	206	01	8.00	02	52				800	417095	720986	GW	01					
	2600112-	192	01	8.00	02	61				800	424993	759746	GW	01					
	2600112-1	192	01	6.00	02	66				600	424726	757279	GW	01					
	2600112-2	192	01	6.00	02	82				600	425830	757868	GW	03					
	2600112-3	192	01	6.00	02	86				600	425393	758858	GW	03					
	2600112-4	192	01	6.00	02	63				600	426792	758101	GW	03					
	2600112-5	192	01	6.00	02	40				600	431528	756588	GW	01					
	2600112-6	192	01	2.00	02					200	433196	757322	GW	01					
	2600112-7	192	01	2.00	02					200	428540	760581	GW	01					
	2600112-8	192	01	8.00	02	52				800	420414	758243	GW	01					
	2600112-9	192	01	2.00	02					200	420076	759211	GW	01					
	2600112-10	192	01	8.00	02	49				800	419334	757621	GW	01					
	2600112-64	192	01	8.00	02	61				800	428056	754313	GW	01					
	2600112-65	192	01	8.00	02	60				800	431829	747400	GW	01					
	2600112-66	192	01	8.00	02	62				800	427980	744465	GW	01					
	2600112-67	192	01	8.00	02	61				800	430532	742645	GW	01					
	2600112-30	192	01	8.00	02	47				800	421884	759200	GW	01					
	2600112-148	207	01	8.00	02	51				800	418177	722698	GW	01					
	2600112-149	207	01	6.00	02	149				600	419151	723154	GW	03					

2600112-151	207	01	4.00	02	45				400	421004	720936	GW	01					
2600112-152	207	01	10.00	02	91				1000	420102	719907	GW	03					
2600112-153	207	01	8.00	02	76				800	418176	719103	GW	03					
2600112-154	207	01	10.00	02	52				1000	422323	721060	GW	03					
2600112-155	207	01	8.00	02	57				800	425862	720710	GW	03					
2600112-156	207	01	8.00	02	48				800	431655	723888	GW	03					
2600112-157	207	01	8.00	02	50				800	432731	724043	GW	01					
2600112-158	207	01	8.00	02	52				800	435275	723381	GW	01					
2600112-159	207	01	8.00	02	79				800	438534	723462	GW	03					
2600112-160	207	01	8.00	02	73				800	439839	723586	GW	03					
2600112-161	207	01	8.00	02	57				800	440124	722600	GW	01					
2600112-162	207	01	8.00	02	77				800	441493	720907	GW	03					
2600112-163	207	01	6.00	02	78				600	438538	722050	GW	03					
2600112-164	207	01	6.00	02	64				600	438341	720673	GW	03					
2600112-165	207	01	9.00	02	64				900	440111	720604	GW	03					
2600112-166	207	01	6.00	02	65				600	440824	720844	GW	03					
2600112-167	207	01	8.00	02	76				800	442149	719948	GW	03					
2600112-168	207	01	6.00	02	70				600	439008	719576	GW	03					
2600112-169	207	01	6.00	02	60				600	442067	718916	GW	03					
2600112-170	207	01	6.00	02	58				600	442400	717412	GW	03					
2600112-171	207	01	8.00	02	65				800	440596	716259	GW	03					
2600112-172	207	01	8.00	02	66				800	439837	715917	GW	03					
2600112-173	207	01	8.00	02	64				800	441532	716209	GW	03					
2600112-174	207	01	6.00	02	64				600	439786	714452	GW	03					
2600112-175	207	01	8.00	02	54				800	435205	718985	GW	03					
2600112-176	207	01	8.00	02	53				800	435428	717710	GW	03					
2600112-177	207	01	8.00	02	46				800	433307	714676	GW	03					
2600112-178	207	01	8.00	02	67				800	429933	715888	GW	03					
2600112-179	207	01	8.00	02	67				800	428202	715008	GW	03					
2600112-180	207	01	6.00	02	66				600	430286	714666	GW	03					
2600112-69	207	01	8.00	02	61				800	432853	737934	GW	03					
2600112-70	207	01	9.00	02	63				900	433747	739220	GW	03					
2600112-71	207	01	9.00	02	63				900	436490	739357	GW	03					
2600112-72	207	01	9.00	02	63				900	433958	737761	GW	03					
2600112-73	207	01	8.00	02	44				800	445124	733896	GW	01					
2600112-74	207	01	6.00	02	30				600	444168	730597	GW	01					
2600112-75	207	01	8.00	02	34				800	445940	731651	GW	01					
2600112-76	207	01	8.00	02	39				800	447753	730507	GW	01					
2600112-77	207	01	9.00	02	61				900	441430	731884	GW	03					
2600112-122	207	01	9.00	02	60				900	439745	729655	GW	03					
2600112-123	207	01	8.00	02	58				800	438077	729009	GW	03					
2600112-124	207	01	9.00	02	60				900	442056	729257	GW	03					
2600112-125	207	01	10.00	02	79				1000	439896	727615	GW	03					
2600112-126	207	01	8.00	02	54				800	442210	727588	GW	01					
2600112-127	207	01	8.00	02	116				800	438179	727299	GW	03					
2600112-128	207	01	8.00	02	101				800	438223	726380	GW	03					
2600112-129	207	01	8.00	02	74				800	441277	726344	GW	03					
2600112-130	207	01	8.00	02	77				800	438270	725596	GW	03					
2600112-131	207	01	6.00	02	62				600	435285	727403	GW	03					
2600112-132	207	01	8.00	02	41				800	429910	726192	GW	01					
2600112-133	207	01	8.00	02	41				800	431321	725920	GW	01					
2600116 348.18		03	128.15	02	26	10/88	AG	GW	3	B-J GROVES				13	0.8	26	757	0.50
2600116-	192	01	8.00	02	90				400	442821	751200	GW	03					
2600116-	192	01	8.00	02	90				400	440426	751088	GW	03					
2600116-	192	01	8.00	02	90				400	438165	751027	GW	03					

2600118	78.19		03	28.78	02	26	10/87	AG	GW	4	MACKEY GROVES				13	0.8	15	170	0.85
	2600118-1	172	01	8.00	02	35	20		02	250	363540	795300	GW	01					
	2600118-2	172	01	8.00	02	160	140		02	250	363540	795920	GW	04					
	2600118-3	172	01	8.00	02	160	80		02	250	363540	795660	GW	04					
	2600118-4		01	8.00	02	160	80		02	250	363300	797760	GW	04					
2600121	258.03		03	94.98	02	26	10/87	AG	GW	6	PBJ PROPERTIES				13	0.8	15	561	0.85
	2600121-1	172	02	12.00	02	200	140		02	711	344600	808200	GW	04					
	2600121-2	172	02	12.00	02	200	140		02	740	344600	807400	GW	04					
	2600121-3	172	02	10.00	02	200	140		02	385	344200	806000	GW	04					
	2600120-4	172	02	10.00	02	200	140		02	385	347200	805400	GW	04					
	2600121-5	172	02	10.00	02	200	140		02	567	344200	804600	GW	04					
	2600121-6	172	02	10.00	02	200	140		02	461	344200	803600	GW	04					
2600126	2794.62		03	290.09	02	26	8/87	AG	GW	17	HENDRY CORRECTIONAL INSTITUTION				20	0.8	26	2740	0.50
2600126															15	0.8	26	10	0.75
	2600126-1	206	01	8.00	02	60				500	414283	718618	GW	03					
	2600126-2	206	01	8.00	02	60				500	416993	718699	GW	03					
	2600126-5	206	01	6.00	02	30				405	414455	716196	GW	01					
	2600126-3	207	01	8.00	02	60				500	427255	717556	GW	03					
	2600126-4	207	01	8.00	02	60				500	427298	715800	GW	03					
	2600126-6	207	01	6.00	02	30				415	420837	717901	GW	01					
	2600126-7	207	01	6.00	02	30				415	422591	718795	GW	01					
	2600126-8	207	01	6.00	02	30				415	424526	717270	GW	01					
	2600126-9	207	01	6.00	02	30				415	426970	718797	GW	01					
	2600126-10	207	01	6.00	02	30				415	422881	715583	GW	01					
	2600126-11	207	01	6.00	02	30				415	423498	713584	GW	01					
	2600126-12	207	01	6.00	02	30				415	420955	713451	GW	01					
	2600126-13	207	01	6.00	02	30				415	419781	710596	GW	01					
	2600126-14	207	01	6.00	02	30				415	420212	712160	GW	01					
	2600126-15	207	01	6.00	02	30				415	421648	709268	GW	01					
	2600126-	207	01	4.00	02	50				75	422640	714969	GW	03					
	2600126-	207	01	4.00	02	50				75	424690	711269	GW	03					
2600134	275.97		03	101.57	02	26	10/87	AG	GW	3	PAUL & WHEELER				13	0.8	15	600	0.85
	2600134-B	172	01	8.00	02	130	60		02	100	359850	807700	GW	04					
	2600134-C	172	01	8.00	02	125	80		02	100	358500	807100	GW	04					
	2600134-D	172	01	8.00	02	145	80		02	100	359100	805550	GW	04					
2600136	2240.83		03	492.02	02	26	9/87	AG	GW	27	FRED BARFIELD				20	0.8	26	1731	0.50
2600136															13	0.8	26	460	0.50
2600136															61	0.8	26	260	0.50
	2600136-	207	01	10.00	02	85				600	425109	708245	GW	03					
	2600136-	207	01	10.00	02	85				600	424636	708243	GW	03					
	2600136-	207	01	6.00	02	85				600	426318	707416	GW	03					
	2600136-	207	01	8.00	02	85				600	427225	705625	GW	03					
	2600136-	207	01	10.00	02	85				600	425676	704540	GW	03					
	2600136-	207	01	10.00	02	85				600	423747	703350	GW	03					
	2600136-	207	01	8.00	02	85				600	424647	705007	GW	03					
	2600136-	207	01	10.00	02	85				600	424754	705838	GW	03					
	2600136-	207	01	10.00	02	85				600	421988	707765	GW	03					
	2600136-	207	01	8.00	02	85				600	420019	707644	GW	03					
	2600136-	207	01	10.00	02	85				600	419375	705649	GW	03					
	2600136-	207	01	10.00	02	85				600	420428	705718	GW	03					
	2600136-	207	01	8.00	02	85				600	421990	705861	GW	03					

	2600136-	207	01	8.00	02	85				600		421957	703819	GW	03					
	2600136-	207	01	8.00	02	85				600		419966	702900	GW	03					
	2600136-	207	01	10.00	02	85				600		419918	702092	GW	03					
	2600136-	207	01	8.00	02	85				600		419855	700187	GW	03					
	2600136-	207	01	10.00	02	85				600		422153	700111	GW	03					
	2600136-	207	01	10.00	02	85				600		423690	700116	GW	03					
	2600136-	207	01	10.00	02	85				600		426408	700460	GW	03					
	2600136-	207	01	10.00	02	85				600		426490	701817	GW	03					
	2600136-	207	01	10.00	02	85				600		424024	702906	GW	03					
	2600136-	206	01	6.00	02	85				600		416930	705792	GW	03					
	2600136-	206	01	4.00	02	85				600		417470	705738	GW	03					
	2600136-	206	01	8.00	02	85				600		417417	704502	GW	03					
	2600136-	206	01	8.00	02	85				600		417029	702807	GW	03					
	2600136-	206	01	8.00	02	85				600		414733	700325	GW	03					
2600143	3462.11		03	847.12	02	26	12/87	AG	GW	105	11	ZIPPERER FARMS				13	0.8	26	1600	0.50
2600143																20	0.8	26	100	0.50
2600143																61	0.8	26	1360	0.50
2600143																15	0.8	26	850	0.50
	2600143-5	176	01	6.00	02	130				600		505465	791367	GW	03					
	2600143-6	176	01	6.00	02	130				600		504152	791326	GW	03					
	2600143-9	176	01	6.00	02	130				600		504124	790032	GW	03					
	2600143-11	176	01	6.00	02	130				600		505547	788685	GW	03					
	2600143-12	176	01	6.00	02	130				600		504148	788703	GW	03					
	2600143-13	176	01	6.00	02	130				600		501345	789188	GW	03					
	2600143-17	176	01	6.00	02	130				600		501129	787450	GW	03					
	2600143-1	175	01	6.00	02	130				600		492436	793666	GW	03					
	2600143-2	175	01	6.00	02	130				600		491140	794278	GW	03					
	2600143-3	175	01	6.00	02	130				600		498476	792963	GW	03					
	2600143-4	175	01	6.00	02	130				600		497443	793022	GW	03					
	2600143-7	175	01	6.00	02	130				600		492318	790883	GW	03					
	2600143-8	175	01	6.00	02	130				600		491001	790571	GW	03					
	2600143-10	175	01	8.00	02	130				600		492097	789957	GW	03					
	2600143-14	175	01	6.00	02	130				600		494961	788727	GW	03					
	2600143-15	175	01	8.00	02	130				800		492042	788674	GW	03					
	2600143-106	175	02	12.00	02	120				3000		491681	788213	GW	03					
	2600143-18	193	01	6.00	02	130				600		495149	787229	GW	03					
	2600143-22	193	01	6.00	02	130				1200		499590	786532	GW	03					
	2600143-23	193	01	6.00	02	130				1200		497693	784489	GW	03					
	2600143-25	193	01	6.00	02	130				1200		499462	784606	GW	03					
	2600143-26	193	01	6.00	02	130				1200		495147	784435	GW	03					
	2600143-29	193	01	6.00	02	130				1200		494125	782896	GW	03					
	2600143-31	193	01	6.00	02	130				1200		499467	781933	GW	03					
	2600143-32	193	01	6.00	02	130				1200		497859	781875	GW	03					
	2600143-33	193	01	6.00	02	130				1200		492451	781845	GW	03					
	2600143-34	193	01	6.00	02	130				1200		491795	781855	GW	03					
	2600143-35	193	01	6.00	02	130				1200		491157	781832	GW	03					
	2600143-36	193	01	6.00	02	130				1200		492574	780249	GW	03					
	2600143-37	193	01	6.00	02	130				1200		491644	780843	GW	03					
	2600143-38	193	01	6.00	02	130				1200		491385	780250	GW	03					
	2600143-40	193	01	6.00	02	135				1200		491630	777885	GW	03					
	2600143-41	193	01	6.00	02	135				1200		491113	778199	GW	03					
	2600143-42	193	01	6.00	02	135				1200		491099	777571	GW	03					
	2600143-45	193	01	6.00	02	135				1200		491243	776503	GW	03					
	2600143-47	193	01	6.00	02	135				1200		491255	775386	GW	03					
	2600143-48	193	01	6.00	02	135				1200		491206	774799	GW	03					

2600143-51	193	01	6.00	02	135			1200	493191	774186	GW	03
2600143-52	193	01	6.00	02	135			1200	493112	773229	GW	03
2600143-53	193	01	6.00	02	135			1200	491887	773204	GW	03
2600143-58	193	01	6.00	02	130			1200	495360	768410	GW	03
2600143-59	193	01	6.00	02	130			1200	493136	768224	GW	03
2600143-62	193	01	6.00	02	130			1200	495550	766965	GW	03
2600143-63	193	01	6.00	02	130			1200	494144	766746	GW	03
2600143-64	193	01	6.00	02	130			1200	492975	766649	GW	03
2600143-65	193	01	6.00	02	130			1200	492228	766996	GW	03
2600143-66	193	01	6.00	02	130			1200	491386	767042	GW	03
2600143-67	193	01	6.00	02	130			1200	491582	766086	GW	03
2600143-77	193	01	2.00	02	90			1200	496636	764472	GW	03
2600143-78	193	01	6.00	02	130			800	495742	764892	GW	03
2600143-79	193	01	2.00	02	80			400	495712	764348	GW	03
2600143-80	193	01	6.00	02	130			800	495120	764882	GW	03
2600143-81	193	01	2.00	02	80			400	495136	764315	GW	03
2600143-82	193	01	6.00	02	130			800	494451	764817	GW	03
2600143-83	193	01	6.00	02	130			800	493875	764798	GW	03
2600143-84	193	01	2.00	02	130			400	493861	764303	GW	03
2600143-85	193	01	6.00	02	130			800	493426	764686	GW	03
2600143-86	193	01	2.00	02	110			400	492132	764559	GW	03
2600143-87	193	01	2.00	02	80			400	491614	763731	GW	03
2600143-88	193	01	2.00	02	80			400	491975	764844	GW	03
2600143-89	193	01	6.00	02	120			800	491172	764108	GW	03
2600143-	193	01	2.00	02	120			800	491181	762922	GW	03
2600143-	193	02	12.00	02	120	80	02	2500	493432	764618	GW	03
2600143-	193	02	12.00	02	120	80	02	3000	493604	766586	GW	03
2600143-	193	02	12.00	02	120	80	02	2500	493657	768270	GW	03
2600143-16	194	01	6.00	02	130			1200	503979	787342	GW	03
2600143-19	194	01	6.00	02	130			1200	504024	786471	GW	03
2600143-20	194	01	6.00	02	130			1200	501405	786124	GW	03
2600143-21	194	01	6.00	02	130			1200	500186	786144	GW	03
2600143-24	194	01	6.00	02	130			1200	500235	784662	GW	03
2600143-27	194	01	6.00	02	130			1200	504536	783527	GW	03
2600143-28	194	01	6.00	02	130			1200	500766	783069	GW	03
2600143-30	194	01	6.00	02	130			1200	500708	781760	GW	03
2600143-39	194	01	6.00	02	130			1200	504378	778124	GW	03
2600143-43	194	01	6.00	02	135			1200	504794	777045	GW	03
2600143-44	194	01	6.00	02	135			1200	504117	777036	GW	03
2600143-46	194	01	6.00	02	135			1200	504557	775563	GW	03
2600143-49	194	01	6.00	02	135			1200	505495	774228	GW	03
2600143-50	194	01	6.00	02	135			1200	504563	774603	GW	03
2600143-54	194	01	6.00	02	130			800	503259	772844	GW	03
2600143-92	194	01	6.00	02	130			800	502840	772198	GW	03
2600143-55	194	01	6.00	02	130			800	503271	771658	GW	03
2600143-56	194	01	6.00	02	130			800	504620	770105	GW	03
2600143-57	194	01	6.00	02	130			800	503232	770188	GW	03
2600143-91	194	01	6.00	02	160			800	500500	769027	GW	03
2600143-60	194	01	6.00	02	130			800	505760	767721	GW	03
2600143-61	194	01	6.00	02	130			800	502097	767530	GW	03
2600143-69	194	01	6.00	02	130			800	505948	766642	GW	03
2600143-70	194	01	6.00	02	130			800	503270	766583	GW	03
2600143-71	194	01	6.00	02	130			800	502353	766610	GW	03
2600143-72	194	01	6.00	02	130			800	500756	766546	GW	03
2600143-73	194	01	6.00	02	130			800	505526	764779	GW	03
2600143-74	194	01	2.00	02	130			200	501557	764641	GW	03

	2600143-75	194	01	6.00	02	130				800		502135	765480	GW	03						
	2600143-76	194	01	6.00	02	130				800		502303	764421	GW	03						
	2600143-101	194	02	12.00	02	120	110			2400		500057	769469	GW	03						
	2600143-102	194	02	12.00	02	120	110			2400		500005	771834	GW	03						
	2600143-95	194	02	12.00	02	120	110			2400		503745	763519	GW	03						
	2600143-96	194	02	12.00	02	120	110			2400		506303	764928	GW	03						
	2600143-97	194	02	12.00	02	120	110			2400		506322	766173	GW	03						
	2600143-94	194	02	12.00	02	120	110			2400		502336	765446	GW	03						
	2600143-98	194	02	12.00	02	120	110			2400		502956	766970	GW	03						
	2600143-99	194	02	12.00	02	120	110			2400		503280	768279	GW	03						
	2600143-102	194	02	12.00	02	120	110			2400		503256	769843	GW	03						
	2600143-103	194	02	12.00	02	120	110			2400		504983	774432	GW	03						
	2600143-SW1		03							20000		493540	790120	SW	01						
	2600143-SW12		03							15000		493540	782860	SW	01						
	2600143-SW13		03							15000		492000	784840	SW	01						
	2600143-SW11		03							15000		492000	779560	SW	01						
	2600143-SW25		03							15000		506740	774610	SW	01						
	2600143-SW7		03							15000		492200	774280	SW	01						
	2600143-SW32		03							8000		490900	762500	SW	01						
	2600143-SW14		03							10000		490900	494200	SW	01						
	2600143-SW24		03							20000		506740	775600	SW	01						
	2600143-SW22		03							20000		506740	786160	SW	01						
	2600143-SW19		03							15000		506740	790120	SW	01						
2600157	31.28		03	11.51	02	26	9/87	AG	BOTH	1	1 PAUL MIDILI & K. T. JOHN						13	0.8	15	40	0.50
	2600157-1	172	01	3.00	02	60	40		01	200		352329	807318	GW	03						
	2600157-SW	172	01							6000		353356	809253	SW	01						
2600159	1656.75		03	609.78	02	26	7/87	AG	GW	62	CPI						13	0.8	15	3602	0.85
	2600159-5-1	171	01	12.00	02	256	165		02	540		322137	823141	GW	04						
	2600159-5-3	171	01	12.00	02	256	165		02	414		323063	822127	GW	04						
	2600159-5-4	171	01	12.00	02	240	170		02	437		325459	822376	GW	04						
	2600159-5-5	171	01	12.00	02	275	195		02	463		321873	819489	GW	04						
	2600159-6-2	171	01	12.00	02	256	165		02	624		319877	823467	GW	04						
	2600159-6-5M	171	03	12.00	02	275	170					318828	822294	GW	04	MONITOR WELL					
	2600159-6-7	171	01	12.00	02	260	172		02	464		318664	819655	GW	04						
	2600159-8-3	171	01	12.00	02	280	208		02	653		321023	817226	GW	04						
	2600159-17-6	171	01	12.00	02	256	175		02	675		326040	809745	GW	04						
	2600159-18-1	171	01	12.00	02	258	170		02	750		316704	812823	GW	04						
	2600159-18-3	171	01	12.00	02	265	175		02	500		316782	811624	GW	04						
	2600159-18-4	171	01	12.00	02	260	165		02	284		319761	811683	GW	04						
	2600159-8-4	171	01	12.00	02	286	210		02	360		322311	816104	GW	04						
	2600159-8-8M	171	03	12.00	02	256	215					326027	814953	GW	04	MONITOR WELL					
	2600159-17-3	171	01	12.00	02	278	187		02	602		322610	811641	GW	04						
	2600159-17-5	171	01	12.00	02	265	185		02	549		322686	810071	GW	04						
	2600159-18-5	171	01	12.00	02	256	170		02	647		316970	809988	GW	04						
	2600159-18-6	171	01	12.00	02	250	155		02	669		319681	809585	GW	04						
	2600159-18-7	171	01	12.00	02	260	170		02	617		316988	809041	GW	04						
	2600159-19-3	171	01	12.00	02	226	180		02	363		316679	804144	GW	04						
	2600159-19-4	171	01	12.00	02	245	180		02	220		319878	805272	GW	04						
	2600159-19-6	171	03	12.00	02	235	175					319433	803754	GW	04	MONITOR WELL					
	2600159-20-1	171	01	12.00	02	250	170		02	454		322200	807729	GW	04						
	2600159-20-2	171	01	12.00	02	268	180		02	422		323691	807936	GW	04						
	2600159-20-3	171	03	12.00	02	265	172					326113	807729	GW	04	MONITOR WELL					
	2600159-20-4	171	01	12.00	02	255	175		02	520		321977	806185	GW	04						
	2600159-20-5	171	01	12.00	02	285	180		02	533		325445	806125	GW	04						

	2600159-20-6	171	01	12.00	02	230	160		02	367	321931	804877	GW	04						
	2600159-20-7	171	01	12.00	02	265	162		02	296	323727	804990	GW	04						
	2600159-20-8	171	01	12.00	02	215	160		02	745	322052	803573	GW	04						
	2600159-20-10	171	01	12.00	02	241	193		02	468	322458	807854	GW	04						
	2600159-30-1	171	01	12.00	02	241	193		02	448	315632	801693	GW	04						
	2600159-6-1M	171	03	12.00	02	250	163				316679	823236	GW	04	MONITOR WELL					
	2600159-8-1	171	01	12.00	02	300	206		02	415	322165	818192	GW	04						
	2600159-8-2	171	01	12.00	02	280	195		02	505	324626	818260	GW	04						
	2600159-30-2	171	01	12.00	02	285	187		02	753	324661	817352	GW	04						
	2600159-30-6	171	01	12.00	02	230	167		02	530	320390	802235	GW	04						
	2600159-30-6	171	01	12.00	02	215	165		02	610	320682	799695	GW	04						
	2600159-30-7	171	03	12.00	02	226	190				315630	798523	GW	04	MONITOR WELL					
	2600159-30-8M	171	03	12.00	02	225	175				319958	797891	GW	04	MONITOR WELL					
	2600159-8-7	171	01	12.00	02	256	210		02	603	321715	814448	GW	04						
	2600159-18-2	171	01	12.00	02	280	165		02	611	319722	812899	GW	04						
	2600159-20-9	171	01	12.00	02	250	180		02	457	324622	803733	GW	04						
	2600159-5-2	171	01	12.00	02	250	167		02	470	324395	823193	GW	04						
	2600159-8-6	171	01	12.00	02	255	210		02	613	324786	815681	GW	04						
	2600159-17-4	171	01	12.00	02	285	187		02	736	324900	811905	GW	04						
	2600159-19-2M	171	03	12.00	02	285	202				316916	806209	GW	04	MONITOR WELL					
	2600159-30-4	171	01	12.00	02	215	165		02	559	319534	801181	GW	04						
	2600159-6-4	171	01	10.00	02	250	162		02	388	316833	820323	GW	04						
	2600159-6-3E	171	01	8.00	02	90	68		02	224	316180	822065	GW	03						
	2600159-6-3W	171	01	8.00	02	84	69		02	236	317222	822090	GW	03						
	2600159-6-1	171	01	8.00	02	125	65		02	297	316716	822663	GW	04						
	2600159-6-5	171	01	8.00	02	125	85		02	446	318835	821930	GW	04						
	2600159-6-6	171	01	8.00	02	110	80		02	467	315542	820169	GW	04						
	2600159-30-5	171	01	8.00	02	240	155		02	606	316320	800544	GW	04						
	2600159-19-6	171	01	12.00	02	230	158		02	234	320283	804663	GW	04						
	2600159-30-7	171	01	12.00	02	230	159		02	748	317685	798807	GW	04						
	2600159-	171	3		02															
	2600159-19-1	171	01	8.00	02	106	56			236	317496	806601	GW	03						
	2600159-	171	01		02						324969	809227	GW	03						
	2600159-20-3N	171	01	12.00	02	105	60			310	326135	808257	GW	03						
	2600159-20-3S	171	01	8.00	02	140	85		02	280	326107	807677	GW	04						
2600161	229.98		03	84.64	02	26	7/87	AG	GW	2	R. B. GROVES					13	0.8	15	500	0.85
	2600161-1	171	01	10.00	02	220	160		02	1000	316750	816750	GW	04						
	2600161-2	171	02	10.00	02	220	160		02	1000	318250	816750	GW	04						
2600162	94.74		03	35.97	02	26	7/87	AG	GW	2	A. B. CURRY					13	0.8	26	125	0.50
	2600162-4	207	01	8.00	02	55	42			800	431141	707413	GW	01						
	2600162-5	207	01	8.00	02	55	42			800	431095	705351	GW	01						
2600220	3.29		03	.274	02	26	6/85	AG	GW	21	RICHARD ROBERTS					20	0.8	26		0.50
	2600220-6	172	01	10.00	02	190	80		02	400	368800	831996	GW	04						
	2600220-7	172	01	10.00	02	190	80		02	500	366913	831916	GW	04						
	2600220-8	172	01	10.00	02	190	80		02	500	363061	829528	GW	04						
	2600220-9	172	01	10.00	02	190	80		02	500	366580	826409	GW	04						
	2600220-10	172	01	8.00	02	190	80		02	400	372817	823731	GW	04						
	2600220-11	172	01	8.00	02	190	80		02	400	372788	822921	GW	04						
	2600220-12	172	01	8.00	02	190	80		02	400	368803	823287	GW	04						
	2600220-13	172	01	8.00	02	190	80		02	400	367004	824026	GW	04						
	2600220-14	172	01	8.00	02	190	80		02	400	367118	823409	GW	04						
	2600220-15	172	01	8.00	02	190	80		02	400	363683	824000	GW	04						
	2600220-16	172	01	8.00	02	190	80		02	400	361399	824333	GW	04						

	2600220-17	172	01	8.00	02	190	80		02	400	361575	823393	GW	04					
	2600220-18	172	01	8.00	02	190	80		02	400	361470	821724	GW	04					
	2600220-19	172	01	8.00	02	190	80		02	400	361677	820521	GW	04					
	2600220-20	172	01	6.00	02	160	80		02	250	369266	800074	GW	04					
	2600220-21	172	01	6.00	02	160	80		02	250	369282	798781	GW	04					
	2600220-1	154	01	8.00	02	190	80		02	250	361589	838937	GW	04					
	2600220-2	154	01	8.00	02	190	80		02	250	363360	838986	GW	04					
	2600220-3	154	01	8.00	02	190	80		02	250	371659	839445	GW	04					
	2600220-4	154	01	8.00	02	190	80		02	250	372151	839103	GW	04					
	2600220-5	154	01	8.00	02	190	80		02	250	376322	835107	GW	04					
2600222	270.90		03	99.71	02	26	5/87	AG	GW	5	NEIL JOLLY				13	1.5	15		0.85
	2600222-1	172	02	12.00	02	200	140	105	02	546	344508	809208	GW	04					
	2600222-2	172	02	12.00	02	200	140	105	02	546	344624	810178	GW	04					
	2600222-3	172	02	12.00	02	200	140	105	02	546	344715	811329	GW	04					
	2600222-4	172	02	12.00	02	200	140	105	02	546	344721	812160	GW	04					
	2600222-5	172	02	12.00	02	200	140	105	02	546	344682	812984	GW	04					
2600227	635.30		03	233.79	02	26	6/87	AG	GW	39	JO MAR EL CITRUS				13	0.8	15	1381	0.85
	2600227-	172	02	10.00	02	90			01	429	338222	805258	GW	03					
	2600227-2	172	02	10.00	02	240	150		01	429	340808	805221	GW	04					
	2600227-3	172	02	10.00	02	90			01	429	338244	804768	GW	03					
	2600227-4	172	02	10.00	02	90			01	429	338309	803803	GW	03					
	2600227-5	172	02	10.00	02	90			01	429	341216	803738	GW	03					
	2600227-6	172	02	10.00	02	90			01	429	343759	802103	GW	03					
	2600227-7	172	02	10.00	02	90			01	429	344357	802144	GW	03					
	2600227-8	172	02	10.00	02	90			01	429	343523	800927	GW	03					
	2600227-9	172	02	10.00	02	240	150		01	455	344823	800890	GW	04					
	2600227-10	172	02	10.00	02	90			01	455	343426	800173	GW	03					
	2600227-11	172	02	10.00	02	90			01	455	343503	799119	GW	03					
	2600227-12	172	02	10.00	02	240	150		01	455	345020	798821	GW	04					
	2600227-13	172	02	10.00	02	240	150		01	385	347082	801932	GW	04					
	2600227-14	172	02	10.00	02	240	150		01	555	348575	802344	GW	04					
	2600227-15	172	02	10.00	02	240	150		01	585	348413	799726	GW	04					
	2600227-16	172	02	10.00	02	90			01	450	350865	802700	GW	03					
	2600227-17	172	02	10.00	02	90			01	360	349952	801726	GW	03					
	2600227-18	172	02	10.00	02	240	150		01	590	353406	799894	GW	04					
	2600227-19	172	02	10.00	02	90			01	450	353406	799894	GW	03					
	2600227-20	172	02	10.00	02	90			01	450	353406	799894	GW	03					
	2600227-21	172	01	8.00	02	160	80		01	520	353406	799894	GW	04					
	2600227-22	172	02	10.00	02	240	150		01	520	353406	799894	GW	04					
	2600227-23	172	02	10.00	02	90			01	520	353406	799894	GW	03					
	2600227-1	172	04	8.00	02	60				520	355393	798510	GW	03					
	2600227-2	172	04	6.00	02	18				520	354247	803011	GW	01					
	2600227-3	172	04	8.00	02	132				550	351555	799882	GW	03					
	2600227-4	172	04	8.00	02	100				550	350382	802202	GW	03					
	2600227-5	172	04	8.00	02	100				550	350359	802582	GW	03					
	2600227-6	172	04	8.00	02					550	356281	799530	GW	03					
	2600227-7	172	04	8.00	02	132				550	348585	799876	GW	03					
	2600227-8	172	04	8.00	02	132				550	348631	799498	GW	03					
	2600227-9	172	04	8.00	02	78				550	343911	798942	GW	03					
	2600227-10	172	04	8.00	02	40				550	342655	799001	GW	01					
	2600227-11	172	04	8.00	02	30				550	343629	799715	GW	01					
	2600227-12	172	04	6.00	02					550	346779	802240	GW	01					
	2600227-14	172	04	8.00	02	47				550	346863	801688	GW	01					
	2600227-13	172	04	8.00	02	47				550	346539	801333	GW	01					

	2600227-15	172	04	6.00	02	47				550	337821	804345	GW	01					
	2600227-16	172	04	4.00	02	38				550	341516	803161	GW	01					
2600228	29.70		03	10.94	02	26	9/85	AG	GW	3	A. L. MOMS				13	0.8	15	38	0.50
	2600228-1	172	03	8.00	02	80	70			750	354087	803931	GW	03					
	2600228-2	172	01	8.00	02	90	70		02	750	354485	803583	GW	03					
	2600228-3	172	03	8.00	02	75	70			750	354813	803998	GW	03					
2600229	144.00		03	12.00	02	26	9/85	AG	GW	2	GALLAGHER GROVES				13	0.8	15	324	0.85
	2600229-1J	171	02	12.00	02	200	140		02	600	329822	812399	GW	04NOTE: ALLOCATIONS ARE BASED ON POTENTIAL					
	2600229-2J	171	02	12.00	02	200	141		02	600	330393	811073	GW	04ADVERSE IMPACTS, NOT ON CROP NEED.					
260023360.00			03	30.00	02	26	4/87	AG	GW	5	GALLGHER GROVES				13	0.8	1	950.85	
	2600230-1	171	02	12.0002		200	140		02	600	328965	822856	GW	04NOTE: ALLOCATIONS ARE BASED ON POTENTIAL					
	2600230-2	171	02	12.0002		200	140		02	600	329030	821663	GW	04ADVERSE IMPACTS, NOT ON CROP NEED.					
	2600230-3	171	02	12.0002		200	140		02	600	329965	818493	GW	04					
	2600230-4	171	02	12.0002		200	140		02	600	330124	816280	GW	04					
	2600230-5	171	02	12.0002		200	140		02	600	330228	814055	GW	04					
2600240	97.50		03	35.89	02	26	10/87	AG	GW	3	CHARLES F. KEENE				13	1.5	15	212	0.85
	2600240-1	172	01	6.00	02	200	150	-15	02	400	357584	810785	GW	04					
	2600240-2	172	02	8.00	02	200	150	-15	02	400	358993	810508	GW	04					
	2600240-3	172	02	6.00	02	200	150	-15	02	400	361673	810388	GW	04					
2600242	404.80		03	148.97	02	26	3/86	AG	GW	12	CITRUS PARTNERS LTD.				13	0.8	26	880	0.85
	2600242-1	207	02	12.00	02	70	40		02	1000	434370	707526	GW	03					
	2600242-2	207	02	12.00	02	70	40		02	1000	435955	707535	GW	03					
	2600242-3	207	02	12.00	02	70	40		02	1000	437294	707577	GW	03					
	2600242-4	207	02	12.00	02	70	40		02	1000	434432	704792	GW	03					
	2600242-5	207	02	12.00	02	70	40		02	1000	435995	704777	GW	03					
	2600242-6	207	02	12.00	02	70	40		02	1000	437308	704754	GW	03					
	2600242-7	207	02	12.00	02	70	40		02	1000	434403	703439	GW	03					
	2600242-8	207	02	12.00	02	70	40		02	1000	435926	703441	GW	03					
	2600242-9	207	02	12.00	02	70	40		02	1000	437331	703474	GW	03					
	2600242-10	207	02	12.00	02	70	40		02	1000	434595	700802	GW	03					
	2600242-11	207	02	12.00	02	70	40		02	1000	435803	700898	GW	03					
	2600242-12	207	02	12.00	02	70	40		02	1000	437238	700807	GW	03					
2600245	96.64		03	30.5	02	26	5/87	AG	GW	5	BLOCKER & LEWIS				61	0.8	26	175	0.50
	2600245-1	207	01	8.00	02	50	30		01	800	433166	711572	GW	01					
	2600245-2	207	01	8.00	02	50	30		01	800	433200	709330	GW	01					
	2600245-3	207	01	8.00	02	50	30		01	800	435545	710581	GW	01					
	2600245-4	207	01	8.00	02	50	30		01	800	436456	711174	GW	01					
	2600245-5	207	01	8.00	02	50	30		01	800	437879	712297	GW	01					
2600266	772.33		03	186.51	02	26	7/87	AG	GW	15	BARRON COLLIER - SILVER STRAND				61	0.8	26	1212	0.50
	2600266-	191	01	10.00	02	61				1000	416815	764590	GW	01					
	2600266-	191	01	8.00	02	47				800	417909	761625	GW	01					
	2600266-	192	01	8.00	02	98				800	419180	763918	GW	03					
	2600266-	192	01	8.00	02	70				800	422627	763533	GW	03					
	2600266-	192	01	8.00	02	56				800	424970	761649	GW	01					
	2600266-	192	01	9.00	02	82				900	424945	763000	GW	03					
	2600266-	192	01	9.00	02	82				900	424942	764886	GW	03					
	2600266-	192	01	9.00	02	82				900	425405	765501	GW	03					
	2600266-6	192	01	6.00	02					600	419105	765877	GW	01					
	2600266-7	192	01	6.00	02					600	420365	764665	GW	01					

	2600266-8	192	01	8.00	02					800	420596	764019	GW	01					
	2600266-9	192	01	6.00	02					600	421775	762726	GW	01					
	2600266-10	192	01	8.00	02					800	421814	761267	GW	01					
	2600266-11	192	01	8.00	02	57				800	422523	764387	GW	01					
	2600266-12	192	01	8.00	02	56				800	424984	762504	GW	01					
2600267	1346.06		03	285.64	02	26	12/88	AG	GW	8	COLLIER ENTERPRISES				60	0.8	26	1350	0.50
	2600267-6	192	01	6.00	02					600	419105	765877	GW	01					
	2600267-7	192	01	6.00	02					600	420365	764665	GW	01					
	2600267-8	192	01	8.00	02					800	420596	764019	GW	01					
	2600267-21	191	01	8.00	02	60				800	415976	762346	GW	01					
	2600267-22	191	01	8.00	02	54				800	412636	761568	GW	01					
	2600267-23	191	01	8.00	02	52				800	411813	764282	GW	01					
	2600267-24	191	01	8.00	02	50				800	411684	765693	GW	01					
	2600267-25	191	01	8.00	02	61				800	415681	764767	GW	01					
2600270	97.74		03	35.97	02	26	7/87	AG	GW	2	R. A. BETHA - M & H FARMS				13	0.8	26	125	0.50
	2600270-1	207	01	6.00	02	55	42			800	427769	706419	GW	01					
	2600270-2	207	01	8.00	02	55	42			800	428351	707662	GW	01					
2600277	234.58		03	86.34	02	26	10/87	AG	GW	5	TURNER CORPORATION				13	0.8	15	510	0.85
	2600277-1	172	02	12.00	02	200	140		02	420	338465	813190	GW	04					
	2600277-2	172	02	12.00	02	200	140		02	425	338080	811812	GW	04					
	2600277-3	172	02	12.00	02	200	140		02	465	339065	810550	GW	04					
	2600277-4	172	02	12.00	02	200	140		02	550	339268	808882	GW	04					
	2600277-5	172	02	12.00	02	200	140		02	500	341436	811270	GW	04					
2600279	582.28'		03	199.60	02	26	10/87	AG	BOTH	4	2 GUTWEIN GROVES				13	0.8	15	1179	0.85
	2600279-35-4	172	02	8.00	02	240			02	600	337933	794070	GW	04					
	2600279-35-5	172	02	8.00	02	240			02	600	338011	792717	GW	04					
	2600279-35-6	172	02	8.00	02	240			02	600	341660	793542	GW	04					
	2600279-36-1	172	02	8.00	02	240			02	600	345252	796690	GW	04					
	2600279-SW	172								1000	399299	854351	SW	01					
	2600279-SW	172								3000	399379	848999	SW	01					
2600281	200.54		03	73.81	02	26	1/88	AG	GW	6	TURNER CORPORATION				13	0.8	15	436	0.85
	2600281-32-1	171	02	10.00	02	260	120		02	420	323820	796484	GW	04					
	2600281-32-2	171	02	10.00	02	260	120		02	415	324721	796526	GW	04					
	2600281-32-3	171	02	10.00	02	260	120		02	532	321831	795916	GW	04					
	2600281-32-4	171	02	10.00	02	260	120		02	426	322958	796469	GW	04					
	2600281-32-5	171	02	10.00	02	260	120		02	527	322328	793747	GW	04					
	2600281-32-6	171	02	10.00	02	260	120		02	422	326034	794093	GW	04					
2600282	515.15		03	189.60	02	26	12/87	AG	GW	11	USSC - DEVIL'S GARDEN CITRUS NO				13	0.8	26	1120	0.85
	2600282-	193	02	10.00	02	100	60			600	471357	763117	GW	03					
	2600282-	193	02	10.00	02	100	60			600	471064	774238	GW	03					
	2600282-	193	02	10.00	02	100	60			600	473370	774329	GW	03					
	2600282-	193	02	10.00	02	100	60			600	471225	776488	GW	03					
	2600282-	193	02	10.00	02	100	60			600	473485	776608	GW	03					
	2600282-	193	02	10.00	02	100	60			600	471157	779119	GW	03					
	2600282-	193	02	10.00	02	100	60			600	473378	779180	GW	03					
	2600282-	193	02	10.00	02	100	60			600	471100	781556	GW	03					
	2600282-	193	02	10.00	02	100	60			600	473543	781591	GW	03					
	2600282-	193	02	10.00	02	100	60			600	470642	784815	GW	03					
	2600282-	193	02	10.00	02	100	60			600	470070	786915	GW	03					

2600300	1294.31		03	476.38	03	26	1/89	AG	GW	54	COLLIER ENTERPRISES-CROW'S NEST				13	0.8	26	2816	0.85
	2600300-79	192	01	8.00	02	49				800	438402	758983	GW	01					
	2600300-80	192	01	8.00	02	47				800	438418	758070	GW	01					
	2600300-81	192	01	8.00	02	48				800	438418	757570	GW	01					
	2600300-82	192	01	8.00	02	48				800	438532	757130	GW	01					
	2600300-83	192	01	8.00	02	50				800	440035	760460	GW	01					
	2600300-84	192	01	20.00	02	91				1000	440018	759106	GW	03					
	2600300-85	192	01	8.00	02	52				800	441398	759753	GW	01					
	2600300-86	192	01	8.00	02	51				800	441400	758845	GW	01					
	2600300-87	192	01	8.00	02	37				800	441418	757692	GW	01					
	2600300-88	192	01	8.00	02	42				800	441958	759963	GW	01					
	2600300-89	192	01	8.00	02	51				800	435540	751806	GW	01					
	2600300-90	192	01	8.00	02	60				800	436325	747380	GW	01					
	2600300-91	192	01	6.00	02	65				600	435251	746328	GW	01					
	2600300-103	192	01	9.00	02	62				900	435781	743741	GW	01					
	2600300-105	192	01	9.00	02	62				900	433723	742229	GW	01					
	2600300-183	192	01	6.00	02	102				600	445642	760007	GW	03					
	2600300-184	192	01	6.00	02	84				600	446982	758192	GW	03					
	2600300-11	192	01	8.00	02	57				800	422523	764387	GW	01					
	2600300-12	192	01	8.00	02	56				800	424984	762504	GW	01					
	2600300-13	192	01	1.50	02					200	427700	765453	GW	01					
	2600300-14	192	01	8.00	02	78				800	430831	765560	GW	03					
	2600300-15	192	01	6.00	02	87				600	427577	764647	GW	03					
	2600300-16	192	01	6.00	02	56				600	429008	763378	GW	03					
	2600300-17	192	01	6.00	02	61				600	431358	764492	GW	03					
	2600300-18	192	01	8.00	02	64				800	431315	763462	GW	03					
	2600300-19	192	01	6.00	02	65				600	431349	762319	GW	03					
	2600300-20	192	01	6.00	02	53				600	431018	761702	GW	03					
	2600300-21	192	01	2.00	02					200	438156	763268	GW	03					
	2600300-22	192	01	8.00	02	83				800	443679	765730	GW	03					
	2600300-23	192	01	9.00	02					900	444544	765621	GW	03					
	2600300-24	192	01	8.00	02					800	447023	765509	GW	03					
	2600300-25	192	01	8.00	02	47				800	443743	763430	GW	03					
	2600300-26	192	01	8.00	02	80				800	444208	762719	GW	03					
	2600300-27	192	01	6.00	02					600	446915	763937	GW	03					
	2600300-28	192	01	8.00	02					800	451818	766080	GW	03					
	2600300-29	192	01	8.00	02					800	448966	765338	GW	03					
	2600300-30	192	01	6.00	02					600	448508	764017	GW	03					
	2600300-31	192	01	8.00	02					800	451571	764181	GW	03					
	2600300-32	192	01	6.00	02					600	451842	762961	GW	03					
	2600300-33	192	01	8.00	02					800	454251	765994	GW	03					
	2600300-34	192	01	12.50	02	25				1000	456946	765545	GW	01					
	2600300-35	192	01	8.00	02	61				800	454105	764241	GW	03					
	2600300-36	192	01	6.00	02					600	454727	762996	GW	03					
	2600300-37	192	01	12.00	02					1000	456409	764697	GW	03					
	2600300-38	192	01	8.00	02					800	458707	763108	GW	03					
	2600300-	192	02	12.00	02	100				1400	441715	762384	GW	03					
	2600300-	192	02	12.00	02	100				1400	438383	762336	GW	03					
	2600300-	192	02	12.00	02	100				1400	438666	765316	GW	03					
	2600300-	192	02	12.00	02	100				1400	434626	762843	GW	03					
	2600300-	192	02	12.00	02	100				1400	433174	765174	GW	03					
	2600300-	192	02	12.00	02	100				1400	435777	765175	GW	03					
	2600300-	192	02	12.00	02	100				1400	430987	762376	GW	03					
	2600300-	192	02	12.00	02	100				1400	427971	762257	GW	03					
	2600300-	192	02	12.00	02	100				1400	430434	765419	GW	03					

2600315	459.95		03	169.29	02	26	8/88	AG	BOTH	22	6 ALICO				13	0.8	15	1000	0.85
	2600315-	155	02	8.00	02	270	240		02	600	415400	835600	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	415400	833600	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	414800	840400	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	412900	836300	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	409800	836500	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	410100	833300	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	406100	833400	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	407200	840100	GW	04					
	2600315-	155	02	8.00	02	270	240		02	600	404900	838000	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	406700	836500	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	413700	826000	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	413700	827400	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	415500	830100	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	415400	831900	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	409300	831900	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	411100	830000	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	409500	826400	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	410000	822500	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	410700	823100	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	406300	826800	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	405900	823900	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	405900	818900	GW	04					
	2600315-	173	02	8.00	02	270	240		02	600	405100	830400	GW	04					
	2600315-		02							1000	415600	827600	SW	01					
	2600315-		02							1000	415600	830800	SW	01					
	2600315-		02							1000	415500	834300	SW	01					
	2600315-		02							1200	415500	837800	SW	01					
	2600315-		02							4500	412000	824100	SW	01					
	2600315-		02							1500	407200	841100	SW	01					
2600325	6.52		03	2.4	02	26	12/88	AG	GW	2	ABC FARMS				13	0.8	15	12	0.75
	2600325-	172	01	12.00	02	200	140		02	800	364625	798706	GW	04					
	2600325-	172	02	12.00	02	200	140		02	800	364647	798893	GW	04					

COLLIER COUNTY MODEL BOUNDARY OVERLAP AREA OF LEE COUNTY

LINE 1 HEADINGS - Existing Water Use - Permit Information and Table 2 - Forcasted Agricultural Demand for Each Permit)

LINE 2+ HEADINGS - Existing Water Use - Facilities Information for Each Permit)

PERMIT NO.	FACILITY NUMBER / AN. ALL.	QUAD. NO. / ALL. UNT.	STS	WELL DIA. / MAX MO.	DPTH CODE / MO. UTS.	TD / CO	CD / DATE ISS.	PMP INT / USE TYPE	PUMP TYPE / SRC.	PUMP CAP. / NO. WLS.	MTR? / SW PMPS	XPLNR / OWNER	YPLNR	SRC	AQ	COMMENTS	CROP TYPE	SOIL TYPE	RAIN ST	IRR ACRES	IRR EFF
3600005	368.27	03				36	12/87	AG	BOTH	2	1	YODER BROTHERS					20	0.8	2	120	0.50
	3600005-1	152		6.00	02	120				75		293842	865724	GW	04						
	3600005-2	152		6.00	02	120				75		264470	859569	GW	04						
	3600005-SW1	152										273845	864587	SW	01						
3600016	69.00	03				36	7/77	AG	GW	10		T.H. BAKER					20	0.8	15	213	0.50
	3600016-1	134	01	4.00	02	20				400		355671	880035	GW	01						
	3600016-2	134	01	4.00	02	20				400		347021	878703	GW	01						
	3600016-3	153	01	4.00	02	20				400		305910	877692	GW	01						
	3600016-4	153	01	4.00	02	700				400		306001	877458	GW	08						
	3600016-5	153	01	4.00	02	20				400		305987	876262	GW	01						
	3600016-6	153	01	1.00	02	20				100		306006	875238	GW	01						
	3600016-7	153	01	2.00	02	20				200		304774	877847	GW	01						
	3600016-8	153	01	2.00	02	10				200		304928	877488	GW	01						
	3600016-9	153	01	1.50	02	20				150		304778	877080	GW	01						
	3600016-10	153	01	2.00	02	20				200		304789	876303	GW	01						
3600019	62.78	03				36	4/78	GLF	SW		2	CITY OF FT. MYERS					15	0.8	2	55	0.75
	3600019-SW1	168	01		02					310		212680	828744	SW	01	PERMIT IS REISSUED					
	3600019-SW2	168	01		02					490		212786	828715	SW	01						
3600049	81.00	03		31.40	02	36	5/78	AGR	GW	1		LEHIGH ACRES DEVEL.					15	0.8	2	120	0.50
	3600049-1	170	01	6.00	02	80				1000		294506	812407	GW	04						
3600061	139.16	03				36	9/78	AGR	GW	11		CORKSCREW GROWERS INC					60	0.8	2	640	0.50
	3600061-1	203	01	8.00	02	60				1500		273701	722353	GW	03						
	3600061-2	203	01	8.00	02	60				1500		273752	725875	GW	03						
	3600061-3	203	01	8.00	02	60				1500		273240	726645	GW	03						
	3600061-4	203	01	8.00	02	60				1500		271301	726711	GW	03						
	3600061-5	203	01	8.00	02	60				1500		271344	723168	GW	03						
	3600061-6	203	01	8.00	02	60				1500		271066	723201	GW	03						
	3600061-7	203	01	8.00	02	60				1500		270946	723936	GW	03						
	3600061-8	203	01	8.00	02	60				1500		268747	723957	GW	03						
	3600061-9	203	01	8.00	02	60				1500		271066	725474	GW	03						
	3600061-10	203	01	8.00	02	60				1500		268686	725526	GW	03						
	3600061-11	203	01	8.00	02	60				1500		268695	726763	GW	03						
3600062	109.17	03		240.00	02	36	9/78	AGR	GW	4		JOHNSON FARMS					61	0.8	2	300	0.50
	3600062-1	203	01	8.00	02	20				1600		279644	725535	GW	01						
	3600062-2	203	01	8.00	02	20				1600		280993	725523	GW	01						
	3600062-3	203	01	8.00	02	20				1600		282079	725509	GW	01						
	3600062-4	203	01	8.00	02	20				1600		283588	725489	GW	01						

3600075		6.29	03			36	11/78	AG	GW	4	VOSS GROVES				13	0.8	15	17	0.50
	3600075-1	153	01	2.00	02	40				50	303564	861642	GW	01					
	3600075-2	153	01	2.00	02	40				50	303659	861431	GW	01					
	3600075-3	153	01	2.00	02	40				50	303483	861073	GW	01					
	3600075-4	153	01	2.00	02	40				50	303512	860829	GW	01					
3600076		18.48	03			36	12/78	AGR	GW	2	CHARLES CONLY				61	0.8	2	85	0.50
	3600076-1	189	01	10.00	02	70	60			2200	298188	763585	GW	01					
	3600076-2	189	01	4.00	02	28	20			120	298886	763596	GW	01					
3600077		156.00	03	64.80	02	36	12/78	AGR	GW	3	TONY ROSBOUGH				13	0.8	2	200	0.50
	3600077-1	189	01	6.00	02					500	304353	764429	GW	01					
	3600077-2	189	01	6.00	02					500	303337	764443	GW	01					
	3600077-3	189	02	8.00	02					500	303445	761875	GW	01					
3600084		1330.00	03			36	1/79	AGR	GW	35	SIX L'S FARM INC.				60	0.8	2	1300	0.50
3600084															20	0.8	2	1220	0.50
	3600084-1	188	01	8.00	02	40	40			2000	278262	764408	GW	01					
	3600084-2	188	01	8.00	02	40	40			2000	279296	764416	GW	01					
	3600084-3	188	01	8.00	02	40	40			2000	281094	764464	GW	01					
	3600084-4	188	01	8.00	02	40	40			2000	283353	764506	GW	01					
	3600084-5	188	01	8.00	02	40	40			2000	283978	764014	GW	01					
	3600084-6	188	01	8.00	02	40				2000	276864	763760	GW	01					
	3600084-7	188	01	12.00	02	80				3000	276500	763242	GW	03					
	3600084-8	188	01	8.00	02	40				2000	277319	763160	GW	01					
	3600084-9	188	01	8.00	02	40				2000	277365	762877	GW	01					
	3600084-10	188	01	8.00	02	40				2000	280011	762397	GW	01					
	3600084-11	188	01	8.00	02	40				2000	277269	761344	GW	01					
	3600084-12	188	01	8.00	02	40				2000	280336	761456	GW	01					
	3600084-13	188	01	8.00	02	40				2000	281857	760021	GW	01					
	3600084-14	188	01	8.00	02	40				2000	277324	760019	GW	01					
	3600084-15	188	01	8.00	02	40				2000	277419	759512	GW	01					
	3600084-16	188	01	8.00	02	40				2000	273355	759696	GW	01					
	3600084-17	188	01	8.00	02	40				2000	274926	759167	GW	01					
	3600084-18	188	01	8.00	02	40				2000	276776	759176	GW	01					
	3600084-19	188	01	8.00	02	40				2000	279806	759051	GW	01					
	3600084-20	188	01	8.00	02	40				2000	281114	759157	GW	01					
	3600084-21	188	01	8.00	02	40				2000	283308	758819	GW	01					
	3600084-22	188	01	8.00	02	40				2000	281851	758024	GW	01					
	3600084-23	188	01	5.00	02	40				1500	275977	758542	GW	01					
	3600084-24	188	01	8.00	02	40				2000	273507	757157	GW	01					
	3600084-25	188	01	5.00	02	40				1500	276996	757123	GW	01					
	3600084-26	188	01	5.00	02	40				1500	277845	757206	GW	01					
	3600084-27	188	01	12.00	02	80				3000	279105	756252	GW	01					
	3600084-28	188	01	8.00	02	40				2000	278583	755463	GW	01					
	3600084-29	188	01	8.00	02	40				2000	282923	755988	GW	01					
	3600084-30	188	01	8.00	02	40				2000	276116	755379	GW	01					
	3600084-31	188	01	8.00	02	40				2000	276254	753711	GW	01					
	3600084-32	188	01	8.00	02	40				2000	277608	752939	GW	01					
	3600084-33	188	01	8.00	02	40				2000	281935	753985	GW	01					
	3600084-34	188	01	8.00	02	40				2000	283539	753715	GW	01					
	3600084-35	188	01	8.00	02	40				2000	282803	753102	GW	01					
3600087		82.45	03	75.80	02	36	1/79	AGR	GW	3	HARVEY HOBBS				61	0.8	2	380	0.50
	3600087-1	169	01	6.00	02					302	237263	827622	GW	06					

	3600087-2	169	01	6.00	02					453	234214	824898	GW	01						
	3600087-3	169	01	6.00	02					500	232843	825303	GW	01						
3600088	107.00		03	32.70	02	36	1/79	GLF	GW	7	SEVEN LAKES ASSOCIATION					15	0.8	2	125	0.50
	3600088-1	168	01	4.00	02	225	140			70	213349	807505	GW	05						
	3600088-2	168	01	6.00	02					150	212481	807503	GW	05						
	3600088-3	168	01	4.00	02					180	213625	806963	GW	05						
	3600088-4	168	01	6.00	02	360	180			150	211271	807109	GW	06						
	3600088-5	168	01	6.00	02	605	260			225	211974	807063	GW	06						
	3600088-6	168	04		02	440				120	211587	807423	GW	06	WELLS ARE PLUGGED					
	3600088-7	168	04		02	220				85	211765	807256	GW	05	WELLS ARE PLUGGED					
3600089	309.07		03		02	36	1/79	AGR	BOTH	3	2 ZIPPERER FARMS/BUCKINGHAM FARM					70	0.8	2	282	0.75
	3600089-1	151	01	6.00	02	20				1200	241524	834546	GW	01						
	3600089-2	151	01	6.00	02	20				1200	241495	833983	GW	01						
	3600089-3	151	01	6.00	02	20				1500	241495	833781	GW	01						
	3600089-SW1	151	01		02					1000	239167	835936	SW	01						
	3600089-SW2	169	01		02					5000	241768	830903	SW	01						
3600090	13.04		03	29.90	02	36	2/79	AGR	GW	2	R.G. BEARDSLEE					61	0.8	2	20	0.50
3600090																60	0.8	2	30	0.50
	3600090-1	189	01	8.00	02	23	20			1500	299208	768555	GW	01						
	3600090 2	189	01	8.00	02	23	20			1500	299590	768522	GW	01						
3600093	278.00		03	700.00	02	36	2/79	AGR	GW	1	TROST INTERNATIONAL LTD. INC.					13	0.8	2	1080	0.50
																61	0.8	2	200	0.50
	3600093-1				02					600			GW	01	PERMIT MISSING					
3600094	13.04		03	13.10	02	36	2/79	AGR	GW	5	PENINSULAR GROVES INC.					12	0.8	2	60	0.85
	3600094-1	188	01	13.00	02	130	25			1200	295179	760036	GW	03						
	3600094-2	188	01	10.00	02	130	40			1200	295494	760028	GW	03						
	3600094-3	188	01	10.00	02	130	40			1200	296360	760070	GW	03						
	3600094-4	189	01	10.00	02	130	40			1200	296717	760067	GW	03						
	3600094-5	189	01	8.00	02	190	160			500	295927	759967	GW	04						
3600095	10.85		03	10.20	02	36	2/79	AGR	GW	5	PENINSULAR GROVES INC					13	0.8	2	32	0.85
3600095																12	0.8	2	18	0.85
	3600095-1	188	01	13.00	02	100	40			1200	286682	770356	GW	03						
	3600095-2	188	01	13.00	02	100	40			1200	286725	770845	GW	03						
	3600095-3	188	01	13.00	02	100	40			1200	286784	771461	GW	03						
	3600095-4	188	01	13.00	02	100	40			1200	286854	771986	GW	03						
	3600095-5	188	01	8.00	02	200	116			500	287130	771500	GW	04						
3600101	6.19		03	5.05	02	36	2/79	AGR	GW	4	SOUTHALL CORP.					70	0.8	2	20	0.50
	3600101-1	187	01		02	160	50			300	231174	747034	GW	04						
	3600101-2	187	01		02	40	40			200	229775	746990	GW	01						
	3600101-3	187	01		02	60	50			50	229796	746854	GW	03						
	3600101-4	187	01		02	45	40			90	229773	746593	GW	01						
3600102	1302.00		03	620.00	02	36	2/79	AGR	GW	15	WALDEE BROTHERS FARMS					63	0.8	2	800	0.50
	3600102-5	188	01	8.00	02	40	25			1800	266393	786525	GW	01	WELLS #1-4,16,18-21 ARE NO					
	3600102-6	170	01	8.00	02	40	25			1800	262551	791952	GW	01	LONGER IN USE.					
	3600102-7	170	01	8.00	02	40	25			1800	262659	789985	GW	01						
	3600102-8	170	01	8.00	02	40	25			1800	260899	791958	GW	01						
	3600102-9	170	01	8.00	02	40	25			1800	261024	789758	GW	01						
	3600102-10	170	01	8.00	02	40	25			1800	260099	788418	GW	01						

	3600102-11		188 01	8.00 02	40	25			1200	260445	787059	GW	01				
	3600102-12		188 01	8.00 02	40	25			1800	261755	785975	GW	01				
	3600102-13		188 01	8.00 02	90	25			1000	258605	781751	GW	01				
	3600102-14		188 01	8.00 02	40	25			1800	258941	781562	GW	01				
	3600102-15		188 01	16.00 02	40	25			1800	265518	783688	GW	01				
	3600102-17		188 01	16.00 02	40	25			1800	266879	780100	GW	01				
	3600102-22		188 01	6.00 02	40	25			1800	267456	778474	GW	01				
	3600102-23		188 01	6.00 02	40	25			1800	257718	779631	GW	01				
	3600102-24		188 01	6.00 02	40	25			1800	267489	777891	GW	01				
3600105		514.90	03	157.00 02	36	3/79	AGR	GW	4	DON DRAKE				15	0.8	2	600 0.50
	3600105-1		187 01	6.00 02	45	21			1800	248454	764905	GW	01				
	3600105-2		187 01	6.00 02	45	21			600	248188	761871	GW	01				
	3600105-3		187 01	10.00 02	40	21			500	249928	763770	GW	01				
	3600105-4		187 01	6.00 02	40	21			500	242905	766512	GW	01				
3600106		2.61	03	4.95 02	36	3/79	AGR	GW	5	DON DRAKE				70	0.8	2	12 0.50
	3600106-1		187 01	4.00 02	50	32			300	229342	773150	GW	01				
	3600106-2		187 01	4.00 02	50	32			1000	228947	773041	GW	01				
	3600106-3		187 01	3.00 02	50	32			200	228714	773186	GW	01				
	3600106-4		187 01	3.00 02	50	32			200	228697	772901	GW	01				
	3600106-5		187 01	2.00 02	50	32			100	229394	772929	GW	01				
3600108		178.91	03		36	3/79	AGR	GW	9	SMITH & WICKS FARMS				61	0.8	2	823 0.50
	3600108-1		188 01	6.00 02	40	25			1800	259035	782241	GW	01				
	3600108-2		188 01	6.00 02	40	25			1800	259519	781928	GW	01				
	3600108-3		188 01	6.00 02	40	25			1800	263645	779707	GW	01				
	3600108-4		188 01	6.00 02	40	25			1800	267941	778186	GW	01				
	3600108-5		188 01	6.00 02	40	25			1800	269358	776996	GW	01				
	3600108-6		188 01	6.00 02	40	25			1800	269277	778961	GW	01				
	3600108-7		188 01	6.00 02	40	25			1800	255818	771879	GW	01				
	3600108-8		187 01	6.00 02	40	25			1800	254517	771444	GW	01				
	3600108-9		187 01	6.00 02	40	25			1800	252922	770999	GW	01				
3600112		48.88	03	75.60 02	36	3/79	AGR	GW	4	E.M. GRIFFITHS & G.P. PEAGLER,CO				61	0.8	2	150 0.50
	3600112-1		169 01	6.00 02	20	20			1200	232589	808004	GW	01				
	3600112-2		169 01	6.00 02	20	20			900	232916	808006	GW	01				
	3600112-3		169 01	8.00 02	20	20			900	233814	808019	GW	01				
	3600112-4		169 01	8.00 02	20	20			900	234392	807990	GW	01				
3600113		40.10	03	10.50 02	36	3/79	AGR	GW	2	CHARLES W. FLINT				20	0.8	2	40 0.50
	3600113-1		171 01	6.00 02	80				500	298577	817903	GW	01				
	3600113-2		171 01	2.00 02	200	200			7	298600	818331	GW	04#2 PUMPED VIA WINDMILL				
3600115		17.37	03	25.20 02	36	3/79	AGR	GW	3	R. E. MCMAHON				61	0.8	2	50 0.50
	3600115-1		169 01	6.00 02	15	11			900	246377	807414	GW	01				
	3600115-2		169 01	6.00 02	15	11			900	246774	807530	GW	01				
	3600115-3		169 01	6.00 02	15	11			900	246622	807765	GW	01				
3600117		66.48	03	80.60 02	36	3/79	AGR	GW	4	R.E. MACMAHON				61	0.8	2	160 0.75
	3600117-1		169 01	6.00 02	15	11			1000	234607	814031	GW	01				
	3600117-2		169 01	6.00 02	15	11			1000	235486	813504	GW	01				
	3600117-3		169 01	6.00 02	15	11			1000	235808	814171	GW	01				
	3600117-4		169 01	6.00 02	15	11			1000	235808	813847	GW	01				
3600119		141.11	03	43.20 02	36	3/79	AGR	GW	3	C. FLINT				20	0.8	2	325 0.50

	3600119-1		171 01	6.00 02					500	304208	795985	GW	01						
	3600119-2		171 01	6.00 02					500	302301	797088	GW	01						
	3600119-3		171 01	6.00 02					500	300849	796880	GW	01						
3600121		104.00	03	83.80 02	36	3/79	AGR	GW	4	C. FLINT					20	0.8	2	320	0.50
	3600121-1		169 01	6.00 02					500	250465	797178	GW	01						
	3600121-2		169 01	6.00 02					1500	250841	797169	GW	01						
	3600121-3		169 01	6.00 02					500	247996	792732	GW	01						
	3600121-4		169 01	6.00					500	248252	792658	GW	01						
3600123		4.33	03	4.29 02	36	4/79	AGR	GW	3	F.R. MEETZE, JR					70	0.8	2	17	0.20
	3600123-1		188 01	2.00 02	29	19			250	265445	782070	GW	01						
	3600123-2		188 02	4.00 02	60				250	265730	782202	GW	01						
	3600123-3		188 02	4.00 02	70				250	265090	781946	GW	03						
3600126		5.44	03	6.40 02	36	4/79	AGR	BOTH	2	2 M. WILLIAMSON(SUNNY GROVE LAN)					70	0.8	2	25	0.20
3600126															20	0.8	2	10	0.75
	3600126-1		187 01	4.00 02	25	20			500	238922	767820	GW	01						
	3600126-2		187 01	4.00 02	35	20			500	238953	767294	GW	01						
	3600126-SW1		187 01						38	238810	768310	SW	01	SW FROM MAN-MADE PONDS					
	3600126 SW2		187 01						65	238810	768310	SW	01						
3600129		1448.00	03	245.00 02	36	5/79	AGR	GW	81	SBN GROVE MAINT./S6B 74					12	0.8	2	1240	0.50
3600129															13	0.8	2	1240	0.50
	3600129-22-1		189 01	9.00 02	41	26			600	315621	769503	GW	01						
	3600129-22-2		189 01	9.00 02	42	29			600	315060	769545	GW	01						
	3600129-22-3		189 01	9.00 02	37	32			600	312174	766540	GW	01						
	3600129-22-4		189 01	9.00 02	45	24			600	314527	769520	GW	01						
	3600129-22-5		189 01	9.00 02	34	25			600	313911	769531	GW	01						
	3600129-22-6		189 01	9.00 02	176	78			500	313204	769048	GW	04						
	3600129-22-7		189 01	9.00 02	174	84			400	313303	769863	GW	04						
	3600129-22-8		189 01	9.00 02	37	32			600	313145	769457	GW	01						
	3600129-22-9		189 01	9.00 02	37	33			600	312746	769496	GW	01						
	3600129-22-10		189 01	9.00 02	42	32			600	312194	769464	GW	01						
	3600129-22-11		189 01	9.00 02	40	32			600	311675	769418	GW	01						
	3600129-22-12		189 01	9.00 02	65	32			600	310807	769442	GW	01						
	3600129-22-13		189 01	12.00 02	41	32			950	315527	767675	GW	01						
	3600129-22-14		189 01	12.00 02	31	27			950	314929	767673	GW	01						
	3600129-22-15		189 01	12.00 02	30	26			850	314250	767632	GW	01						
	3600129-22-16		189 01	12.00 02	35	25			850	313788	767626	GW	01						
	3600129-22-17		189 01	12.00 02	35	25			850	313013	767610	GW	01						
	3600129-22-18		189 01	10.00 02	246	78			400	312708	767601	GW	04						
	3600129-22-19		189 01	12.00 02	35	25			850	312344	767594	GW	01						
	3600129-22-20		189 01	12.00 02	35	25			850	311964	767615	GW	01						
	3600129-22-21		189 01	9.00 02	155	87			400	314877	767162	GW	04						
	3600129-22-22		189 01	12.00 02	35	25			850	312321	767149	GW	01						
	3600129-22-23		189 01	12.00 02	44	36			950	315486	766413	GW	01						
	3600129-22-24		189 01	12.00 02	195	72			950	315037	766406	GW	04						
	3600129-22-25		189 01	12.00 02	36	31			850	314593	766404	GW	01						
	3600129-22-26		189 01	12.00 02	35	25			850	314133	766433	GW	01						
	3600129-22-27		189 01	12.00 02	35	25			850	313442	766482	GW	01						
	3600129-22-28		189 01	10.00 02	246	98			400	313037	766465	GW	04						
	3600129-22-29		189 01	12.00 02	35	25			850	312780	766487	GW	01						
	3600129-23-1		189 01	12.00 02	55	33			717	310172	772684	GW	01						
	3600129-23-2		189 01	12.00 02	55	35			717	309941	773584	GW	01						
	3600129-23-3		189 01	12.00 02	27	22			759	309775	772653	GW	01						

	3600129-23-4	189	01	12.00	02	60	40				759	309702	773640	GW	01					
	3600129-23-5	189	01	12.00	02	54	39				542	309712	773054	GW	01					
	3600129-23-6	189	01	12.00	02	57	39				542	309307	773039	GW	01					
	3600129-23-7	189	01	12.00	02	41	34				542	308947	773002	GW	01					
	3600129-23-8	189	01	12.00	02	37	31				542	308476	773015	GW	01					
	3600129-23-9	189	01	12.00	02	42	28				542	308141	772966	GW	01					
	3600129-23-10	189	01	10.00	02	260	114				450	307930	773364	GW	04					
	3600129-23-11	189	01	12.00	02	38	31				875	307814	774813	GW	01					
	3600129-23-12	189	01	12.00	02	47	34				875	309913	774725	GW	01					
	3600129-23-13	189	01	9.00	02	225	115				175	309920	774453	GW	04					
	3600129-25-1	189	01	12.00	02	60	31				823	307342	772689	GW	01					
	3600129-25-2	189	01	12.00	02	60	33				823	307658	772695	GW	01					
	3600129-25-3	189	01	12.00	02	65	32				422	306764	772001	GW	01					
	3600129-25-4	189	01	9.00	02	302	120				450	306755	772397	GW	04					
	3600129-25-5	189	01	12.00	02	65	32				768	306110	772379	GW	01					
	3600129-25-6	189	01	12.00	02	65	40				823	305608	772324	GW	01					
	3600129-25-7	189	01	12.00	02	60	39				430	305354	772519	GW	01					
	3600129-25-8	189	01	12.00	02	55	32				823	307601	774337	GW	01					
	3600129-25-9	189	01	12.00	02	60	31				823	307102	774361	GW	01					
	3600129-25-10	189	01	12.00	02	60	34				768	306537	774191	GW	01					
	3600129-25-11	189	01	9.00	02	235	100				450	306281	773832	GW	04					
	3600129-25-12	189	01	12.00	02	60	34				768	305612	774101	GW	01					
	3600129-25-13	189	01	12.00	02	60	32				768	305966	774097	GW	01					
	3600129-26-1	189	01	12.00	02	50	35				700	309992	771303	GW	01					
	3600129-26-2	189	01	12.00	02	50	37				700	309560	771261	GW	01					
	3600129-26-3	189	01	12.00	02	60	39				875	309100	771297	GW	01					
	3600129-26-4	189	01	12.00	02	60	39				700	308634	771316	GW	01					
	3600129-26-5	189	01	9.00	02	430	227				450	307967	771879	GW	04					
	3600129-26-6	189	01	8.00	02	450	212				400	307961	771159	GW	04					
	3600129-26-7	189	01	8.00	02	65	50				545	307964	771010	GW	01					
	3600129-26-8	189	01	12.00	02	60	39				677	307070	771270	GW	01					
	3600129-26-9	189	01	12.00	02	70	35				700	306383	771198	GW	01					
	3600129-26-10	189	01	12.00	02	51	36				700	305819	771173	GW	01					
	3600129 26-11	189	01	12.00	02	43	34				700	305543	770591	GW	01					
	3600129-1	189	01	12.00	02	43	39				950	304747	770930	GW	01					
	3600129-2	189	01	12.00	02	42	36				950	304162	770937	GW	01					
	3600129 3	189	01	12.00	02	300	114				800	304871	772600	GW	04					
	3600129-4	189	01	12.00	02	40	35				950	304225	772566	GW	01					
	3600129-5	189	01	12.00	02	36	34				1000	303623	772528	GW	01					
	3600129-X7	189	01	12.00	02	53	49				885	303401	773699	GW	01					
	3600129-X8	189	01	12.00	02	240	140				885	302650	773753	GW	04					
	3600129-X9	189	01	12.00	02	38	37				885	302180	773720	GW	01					
	3600129-X10	189	01	12.00	02	140	127				885	302870	772487	GW	04					
	3600129-X11	189	01	12.00	02	38	34				885	303478	771574	GW	01					
	3600129-X12	189	01	12.00	02	35	32				885	302691	771197	GW	01					
	3600129-X13	189	01	12.00	02	230	112				885	302113	771129	GW	04					
	3600129-X14	189	01	10.00	02	39	36				750	302413	773138	GW	01					
	3600129-X15	189	01	10.00	02	47	33				830	302509	774655	GW	01					
	3600129-X16	189	01	10.00	02	60	36				895	302332	774552	GW	01					
3600134		139.16	03	55.70	02	36		5/79	AGR	GW	4	H. FLINT				20	0.8	2	640	0.50
	3600134-1	188	01	6.00	02	100					645	280294	774863	GW	04					
	3600134-2	188	01	6.00	02	100					645	281208	774877	GW	04					
	3600134-3	188	01	6.00	02	100					645	282704	774913	GW	04					
	3600134-4	188	01	6.00	02	100					645	283964	772954	GW	04					

3600143		03	41.00 02	36	7/79	LAN GW	10	LEHIGH ACRES DEVELOPMENT, INC		15	0.8	2	160	0.50
	3600143-1	171 01	8.00 02	80	60		250	299766 808884 GW 04						
	3600143-2	171 01	8.00 02	81	64		250	300210 809836 GW 04						
	3600143-3	171 01	8.00 02	80	60		300	300546 810029 GW 04						
	3600143-4	171 01	8.00 02	81	60		300	301816 809829 GW 04						
	3600143-5	171 01	8.00 02	80	62		240	301743 810363 GW 04						
	3600143-6	171 01	8.00 02	80	65		240	300574 809308 GW 04						
	3600143-7	171 01	8.00 02	80	60		240	299845 809113 GW 04						
	3600143-8	171 01	8.00 02	80	63		240	300882 810214 GW 04						
	3600143-9	171 04	8.00 02	80	64		240	300985 810751 GW 04	WELL IS CAPPED					
	3600143-10	171 03	8.00 02	80	62		240	301854 810875 GW 04						
3600153		03	361.00 02	36	10/79	AGR GW	12	ANDREW J. NYCHYK		61	0.8	2	466	0.50
	3600153-1	187 01	6.00 02	110	45		1000	238550 786958 GW 04						
	3600153-2	187 01	6.00 02	110	45		1000	239046 786937 GW 04						
	3600153-3	187 01	6.00 02	30	20		2333	239148 786769 GW 01	WELLS #3 & 4 ARE PUMPED					
	3600153-4	187 01	6.00 02	110	60		1000	239148 786769 GW 04	SIMULTANEOUSLY.					
	3600153-5	187 01	6.00 02	30	20		1666	239221 786571 GW 01						
	3600153-6	187 01	6.00 02	30	20		2333	239307 786433 GW 01						
	3600153-7	187 01	6.00 02	30	20		1000	238904 786593 GW 01						
	3600153-8	187 01	6.00 02	110	60		833	238460 786612 GW 04						
	3600153-9	169 01	6.00 02	103			833	238456 790644 GW 04						
	3600153-10	169 01	6.00 02	103			833	237380 790767 GW 04						
	3600153-11	169 01	6.00 02	30			1333	235523 790610 GW 01						
	3600153-12	187 01	6.00 02	30			1333	236976 786799 GW 01						
3600154			115.00 02	36	10/79	AGR GW	7	ANDREW J NYCHYK RANCH		20	0.8	2	440	0.50
	3600154-1	169 01	6.00 02	870	160		200	223464 805103 GW 07						
	3600154-2	169 01	6.00 02	870	160		250	223239 803593 GW 07						
	3600154-3	169 01	6.00 02	925	160		250	224579 802075 GW 07						
	3600154-4	169 01	6.00 02	35	19		666	225714 802569 GW 01						
	3600154-5	169 01	6.00 02	35	19		666	225722 802290 GW 01						
	3600154-6	169 01	6.00 02	35	15		1666	225576 807710 GW 01						
	3600154-7	169 01	6.00 02	35	15		1666	225765 807504 GW 01						
3600167	1248.77	03		36	12/79	AGR GW	44	WILDCAT FARMS, LTD.		13	0.8	2	2715	0.85
	3600167-33	171 01	6.00 02	40	20		1200	301592 791011 GW 01	TO BE USED AS BACK-UP.					
	3600167-34	189 01	8.00 02	40	20		1200	302957 786612 GW 01	Wells #33-44					
	3600167-35	189 01	6.00 02	40	20		1200	301689 786731 GW 01						
	3600167-36	189 01	6.00 02	40	20		1200	304463 785024 GW 01						
	3600167-37	189 01	6.00 02	40	20		1200	303890 784308 GW 01						
	3600167-38	189 01	6.00 02	40	20		1200	307135 787714 GW 01						
	3600167-39	171 01	6.00 02	40	20		1200	306809 788057 GW 01						
	3600167-40	189 01	6.00 02	40	20		1200	307425 787490 GW 01						
	3600167-41	189 01	8.00 02	40	20		1200	303995 784851 GW 01						
	3600167-42	171 01	6.00 02	40	20		1200	307693 788393 GW 01						
	3600167-43	189 01	6.00 02	40	20		1200	308760 787252 GW 01						
	3600167-44	189 01	6.00 02	40	20		1200	305808 785217 GW 01						
	3600167-1	171 02	12.00 02	100	60		550	306511 795580 GW 03						
	3600167-2	171 02	12.00 02	100	60		550	308579 795562 GW 03						
	3600167-3	171 02	12.00 02	100	60		550	307234 794319 GW 03						
	3600167-4	171 02	12.00 02	100	60		550	308786 793187 GW 03						
	3600167-5	171 02	12.00 02	100	60		550	309186 791345 GW 03						
	3600167-6	171 02	12.00 02	100	60		550	308788 790512 GW 03						
	3600167-7	171 02	12.00 02	100	60		550	306631 790064 GW 03						
	3600167-8	171 02	12.00 02	100	60		550	309271 788994 GW 03						

	3600167-9		171	02	12.00	02	100	60			550		300204	791960	GW	03						
	3600167-10		171	02	12.00	02	100	60			550		303594	791521	GW	03						
	3600167-11		171	02	12.00	02	100	60			550		300840	789325	GW	03						
	3600167-12		171	02	12.00	02	100	60			550		302677	789266	GW	03						
	3600167-13		189	02	12.00	02	100	60			550		305330	787698	GW	03						
	3600167 14		189	02	12.00	02	100	60			550		302191	786897	GW	03						
	3600167-15		189	02	12.00	02	100	60			550		303756	786810	GW	03						
	3600167-16		189	02	12.00	02	100	60			550		305518	787063	GW	03						
	3600167-17		171	02	12.00	02	100	60			550		307112	788655	GW	03						
	3600167-18		189	02	12.00	02	100	60			550		303246	784638	GW	03						
	3600167-19		189	02	12.00	02	100	60			550		307482	783619	GW	03						
	3600167-20		189	02	12.00	02	100	60			550		305615	783019	GW	03						
	3600167-21		189	02	12.00	02	100	60			550		301512	781737	GW	03						
	3600167-22		189	02	12.00	02	100	60			550		303386	781880	GW	03						
	3600167-23		189	02	12.00	02	100	60			550		301373	779635	GW	03						
	3600167-24		189	02	12.00	02	100	60			550		303436	779546	GW	03						
	3600167-25		189	02	12.00	02	100	60			550		305379	780160	GW	03						
	3600167-26		189	02	12.00	02	100	60			550		301125	777142	GW	03						
	3600167-27		189	02	12.00	02	100	60			550		301718	775542	GW	03						
	3600167-28		189	02	12.00	02	100	60			550		305149	777555	GW	03						
	3600167-29		189	02	12.00	02	100	60			550		308758	780120	GW	03						
	3600167-30		189	02	12.00	02	100	60			550		307142	779046	GW	03						
	3600167-31		189	02	12.00	02	100	60			550		307253	776261	GW	03						
	3600167-32		189	02	12.00	02	100	60			550		308329	777365	GW	03						
3600186		281.00		03	41.70	02	36	1/82	LAN	BOTH	1	1	BONITA SPRINGS GOLF & CC					15	0.8	2	160	0.85
	3600186-1					02	116	40			250					03	PERMIT MISSING					
	3600186-SW1										1110					01						
3600201		1612.00		03	130.00	02	36	7/80	AGR	GW	9		COL-LEE GROVES INC					13	1.5	2	482	0.50
	3600201-1		189	01	6.00						500		305195	764955	GW	01	wt assumed					
	3600201-2		189	01	8.00						500		302493	764422	GW	01						
	3600201-3		189	01	6.00						500		301223	764407	GW	01						
	3600201-4		189	04	8.00						500		301248	762144	GW	01	INACTIVE					
	3600201-5		189	01	8.00						500		300726	761881	GW	01						
	3600201-6		189	04	6.00						500		298910	761863	GW	01	INACTIVE					
	3600201-7		189	01	8.00						500		297625	760805	GW	01						
	3600201-8		189	01	6.00						500		296831	761870	GW	01						
	3600201-9		189	01	6.00						500		296752	761530	GW	01						
3600218		241.48		03	117.00	02	36	12/80	AGR	GW	4		BERRY GROVES INC/M&W #1 GROVE					13	0.8	2	608	0.85
	3600218-1		188	01	8.00	02	100	60			1000		276122	767632	GW	01						
	3600218-2		188	01	8.00	02	100	60			1000		276160	768241	GW	01						
	3600218-3		188	03	8.00	02	100	60			1000		276235	768933	GW	01	INACTIVE					
	3600218-4		188	03	8.00	02	100	60			1000		277620	767393	GW	01	INACTIVE					
3600221		125.00		03	28.10	02	36	1/81	AGR	GW	1		F. WEEKS					61	0.8	2	52	0.50
	3600221-1		203	01	8.00	02					650		255378	737287	GW	01						
3600225											1		CARL GLIDDEN					60	0.8	2	35	0.50
	3600225-1			01		02	22	18			650				GW	01	PERMIT MISSING					
3600243		17.00		03	3.10	02	36	5/81	AGR	GW	3		GREEN JEMS INC.					70	0.8	2	10	0.20
	3600243-1		187	01	4.00	02	10	9			600		237361	767191	GW	01	REMAINING 7 WELLS ARE UNUSED-					
	3600243-2		187	01	6.00	02					900		237376	767592	GW	01	NO FURTHER DATA AVAILABLE.					
	3600243-3		187	01	4.00	02	35	25			900		237355	767787	GW	01						

3600252					29.58	02	36	10/81	LAN	SW		2	WILDCAT DEV CORP				15	0.8	2	113	0.75
	3600252-SW1		187	01		02					750		254378	766497	SW	01					
	3600252-SW2		187	01		02					750		254583	763274	SW	01					
3600261		226.90		03			36	10/83	GLF	BOTH	2	3	FIDDLESTICKS LTD				15	0.8	2	265	0.75
	3600261-1		169	01	8.00	02	640	432			700		234471	796024	GW	06					
	3600261-2		169	03	8.00	02	****	950			70		234561	795747	GW	07TEST & MONITOR WELL					
	3600261-SW1		169	01							500		235750	792703	SW	01					
	3600261-SW2		169	01							500		232273	795134	SW	01					
	3600261-SW3		169	01							300		235992	792482	SW	01					
3600282		1200.00		03			36	10/82	LAN	GW	12		BONITA BAY PROPERTIES				15	0.8	2	2375	0.75
	3600282-W1		202	01	8.00	02	33	19			350		236467	734293	GW	01					
	3600282-W2		202	02	10.00	02	32	19			200		236140	733485	GW	01					
	3600282-W3		202	02	10.00	02	32	19			200		236135	732714	GW	01					
	3600282-W4		202	02	10.00	02	27	18			200		235466	734241	GW	01					
	3600282-W5		202	02	10.00	02	29	18			200		235448	733851	GW	01					
	3600282-W6		202	02	10.00	02	30	19			200		235477	733466	GW	01					
	3600282-W7		202	02	10.00	02	32	19			200		235465	733072	GW	01					
	3600282-W8		202	02	10.00	02	32	19			200		235421	732772	GW	01					
	3600282-T1		202	01	10.00	02	120	74			350		236527	734455	GW	03					
	3600282-T2		202	02	10.00	02	120	75			350		236334	733490	GW	03					
	3600282-T3		202	02	10.00	02	120	75			350		236320	732691	GW	03					
	3600282-H1		202	01	8.00	02	255	235			100		236199	734284	GW	05					
3600283		573.00		03	250.00	02	36	10/82	AGR	BOTH	3	2	S. JAMERSON				61	0.8	2	323	0.50
	3600283-1		188	01	8.00	02	85				600		274765	780683	GW	01					
	3600283-2		188	01	8.00	02	85				600		275984	779809	GW	01					
	3600283-3		188	01	8.00	02	85				600		278594	780335	GW	01					
	3600283-SW1		188	01							6000		274163	778066	SW	01					
	3600283-SW2		188	01							10000		274816	778129	SW	01					
3600286		69.57		03			36	10/82	AGR	GW	3		POTTINGER'S NURSERY INC				70	1.5	2	20	0.20
	3600286-1		188	01	8.00	02	60	40			300		266550	783696	GW	01PERMIT REISSUED					
	3600286-2		188	01	4.00	02	120	101			500		266456	783425	GW	04					
	3600286-3		188	01	14.00	02	120	100			500		266284	783657	GW	04					
3600303		153.00		03	23.30	02	36	6/82	GLF	GW	4		CYPRESS PINES COUNTRY CLUB				15	0.8	2	89	0.75
	3600303-1		170	01	4.00	02	50	50			300		295006	813398	GW	01					
	3600303-2		170	01	4.00	02	50	50			300		295193	813564	GW	01					
	3600303-3		170	01	4.00	02	50	50			300		295339	813706	GW	01					
	3600303-4		170	02	4.00	02	50	50			300		295519	813808	GW	01					
3600308		115.28		03			36	3/82	GLF	BOTH	4	3	SAN CARLOS GOLF, INC				15	0.8	2	101	0.75
	3600308-1		187	01	8.00	02	40	19			197		229835	781408	GW	01					
	3600308-4		187	01	8.00	02	42	25			394		230859	782105	GW	01					
	3600308-5		187	02	12.00	02	130	110			600		229764	782153	GW	04					
	3600308-6		187	02	12.00	02	130	110			600		230694	781129	GW	04					
	3600308-SW1		187	01							405		229829	781673	SW	01					
	3600308-SW2		187	01							405		229827	781673	SW	01PUMP #3- JOCKEY PUMP					
	3600308-SW3		187	01							405		229827	781673	SW	01					
3600312					124.00	02	36	4/82	AGR	SW		1	WALDEE BROS. FARM				61	0.8	2	160	0.75
	3600312-SW1		170	01							3000		279031	790687	SW	01					

3600313		164.00		03	58.10	02	36	4/82	AGR	GW	2	W. R. BIGHAM					60	0.8	4	75	0.50
	3600313-1		203	01	8.00	02	60	30			650	258338	736053	GW	01						
	3600313-2		203	01	8.00	02	60	30			700	258338	737199	GW	01						
3600315		887.03		03			36	4/82	AGR	BOTH	3	1 S. AND C. HUBSCHMAN					61	0.8	1	720	0.50
	3600315-1		203	01	8.00	02	50	40			600	259050	741084	GW	01						
	3600315-2		203	01	8.00	02	50	40			600	259619	740555	GW	01						
	3600315-3		203	01	8.00	02	50	40			600	258405	737636	GW	01						
	3600315-SW1			02							4000	259587	738654	SW	01						
3600321					160.00	02	36	5/82	AGR	GW	6	JACK M. BERRY GROVE CORP					13	0.8	2	280	0.50
	3600321-1		189	01	10.00	02	300	100			700	306823	764479	GW	04						
	3600321-2		189	01	10.00	02	100	60			800	305448	764112	GW	03						
	3600321-3		189	01	10.00	02	400	100			500	307920	764175	GW	04						
	3600321-4		189	01	10.00	02	200	100			700	309229	764456	GW	04						
	3600321-5		189	01	10.00	02	190	65			800	309513	764496	GW	04						
	3600321-6		189	01	10.00	02	150	67			400	305487	762648	GW	03						
3600327		381.30		03			36	9/88	AGR	GW	32	JACK M. BERRY CORP.					13	0.8	2	829	0.85
	3600327-1		188	01	8.00	02	111	35			400	291213	769700	GW	03	PERMIT REISSUED					
	3600327-2		188	01	8.00	02	102	40			400	294542	769706	GW	03						
	3600327-3		188	01	8.00	02	55	40			400	293536	767915	GW	01						
	3600327-4		188	01	8.00	02	86	21			400	291309	768910	GW	01						
	3600327-5		188	01	8.00	02	31	20			400	290399	767415	GW	01						
	3600327-6		188	01	8.00	02	54	40			400	293398	767354	GW	01						
	3600327-7		188	01	8.00	02	45	23			400	288445	764524	GW	01						
	3600327-8		188	01	8.00	02	28	15			400	287632	764519	GW	01						
	3600327-9		188	01	8.00	02	289	150			400	289231	761281	GW	04						
	3600327-10		188	01	8.00	02	49	35			400	289252	760386	GW	01						
	3600327-11		188	01	8.00	02	110	35			1000	287907	760251	GW	03						
	3600327-12		188	01	12.00	02	120	60			1000	293073	769454	GW	03						
	3600327-13		188	01	12.00	02	140	60			1000	290754	769298	GW	03						
	3600327-14		188	01	12.00	02	140	60			1000	292792	766928	GW	03						
	3600327-15		188	01	12.00	02	140	60			1000	293177	766032	GW	03						
	3600327-16		188	01	12.00	02	140	60			1000	291988	764750	GW	03						
	3600327-17		188	01	12.00	02	140	60			1000	290494	765009	GW	03						
	3600327-18		188	01	12.00	02	110	60			1000	293385	765055	GW	03						
	3600327-19		188	02	12.00	02	140	60			1000	287676	764022	GW	03						
	3600327-20		188	02	12.00	02	140	60			1000	288438	764046	GW	03	ESTIMATES ONLY					
	3600327-21		188	02	12.00	02	140	60			1000	293637	768860	GW	03						
	3600327-22		188	02	12.00	02	140	60			1000	290961	768510	GW	03						
	3600327-23		188	02	12.00	02	140	60			1000	290901	767755	GW	03						
	3600327-24		188	02	12.00	02	140	60			1000	293141	767595	GW	03						
	3600327-25		188	02	12.00	02	140	60			1000	291152	766950	GW	03						
	3600327-26		188	02	12.00	02	140	60			1000	291155	765923	GW	03						
	3600327-27		188	02	12.00	02	140	60			1000	293599	765512	GW	03						
	3600327-28		188	02	12.00	02	140	60			1000	291604	765499	GW	03						
	3600327-29		188	02	12.00	02	140	60			1000	287791	763141	GW	03						
	3600327-30		188	02	12.00	02	140	60			1000	288409	763166	GW	03						
	3600327-31		188	02	12.00	02	140	60			1000	286878	760186	GW	03						
	3600327-32		188	02	12.00	02	140	60			1000	289236	760018	GW	03						
3600343					3.30	02	36	8/82	AGR	GW	6	T & K FARMS, INC					70	0.8	2	12	0.20
	3600343-1		187	01	2.00	02	30	30			100	229610	746100	GW	01						
	3600343-2		187	01	2.00	02	30	30			100	229582	745927	GW	01						
	3600343-3		187	01	2.00	02	30	30			100	231233	746402	GW	01						

	3600343-4		187	01	2.00	02	30	30			100	231227	746301	GW	01						
	3600343-5		187	01	2.00	02	30	30			100	231206	746190	GW	01						
	3600343-6		187	01	2.00	02	30	30			100	231231	746051	GW	01						
3600395							36			SW		3 HIDEAWAY COUNTRY CLUB					15	0.8	2	61	0.75
	3600395-SW1		169	01		02					500	218645	814365	SW	01						
	3600395-SW2		169	01		02					250	218645	814365	SW	01						
	3600395-SW3		169	01		02					100	218645	814365	SW	01						
3600402		139.76		03			36	9/83	GLF	GW	8	SHAKARIAN & ASSOC., D.B.					15	0.8	2	321	0.50
	3600402-1		202	02	10.00	02	30	10			500	232134	741942	GW	01	NO EXACT WELL LOCATIONS GIVEN					
	3600402-2		202	02	10.00	02	100	75			500	232287	741933	GW	03	AS OF 3/5/90.					
	3600402-3		202	02	10.00	02	30	10			500	232144	741572	GW	01						
	3600402-4		202	02	10.00	02	100	75			500	232260	741580	GW	03						
	3600402-5		202	02	10.00	02	30	10			500	232173	741188	GW	01						
	3600402-6		202	02	10.00	02	100	75			500	232326	741204	GW	03						
	3600402-7		202	02	10.00	02	30	10			500	232138	740804	GW	01						
	3600402-8		202	02	10.00	02	100	75			500	232268	740804	GW	03						
3600403		152.83		03			36	9/83	GLF	GW	8	SHAKARIAN & ASSOC., D.B.					15	0.8	2	266	0.50
	3600403-1		187	02	10.00	02	30	10			500	227119	749743	GW	01	NO EXACT WELL LOCATIONS GIVEN					
	3600403-2		187	02	10.00	02	100	75			500	227251	749732	GW	03	AS OF 3/5/90.					
	3600403 3		187	02	10.00	02	30	10			500	227125	749284	GW	01						
	3600403-4		187	02	10.00	02	100	75			500	227324	749249	GW	03						
	3600403-5		187	02	10.00	02	30	10			500	227086	748855	GW	01						
	3600403-6		187	02	10.00	02	100	75			500	227338	748860	GW	03						
	3600403-7		187	02	10.00	02	30	10			500	227152	748358	GW	01						
	3600403-8		187	02	10.00	02	100	75			500	227323	748361	GW	03						
3600405							36		GLF	BOTH	1	1 EAGLE RIDGE GOLF & TENNIS CLUB					15	0.8	2	68	0.75
	3600405-1			01		02	200	177			150			GW	05						
	3600405-SW1			01							2000			SW	01						
3600433							36		LAN	GW	6	WESTINGHOUSE COMM OF NAPLES INC.					15	0.8	2	154	0.75
	3600433-1			01		02	660	350			250			GW	06						
	3600433-2			01		02	300	205			300			GW	05						
	3600433-3			01		02	300	205			300			GW	05						
	3600433-4			01		02	650	350			250			GW	06						
	3600433-5			01		02	300	200			300			GW	05						
	3600433-SW1			01							1400			GW	01						
3600441							36		LAN	GW	1	U.S. HOMES CORPORATION					15	0.8	2	60	0.75
	3600441-1			01		02	300	200			160			GW	05	Permit Missing					
3600445		461.60		03			36	5/86	AGR	GW	7	EDWARD J. MCARDLE					70	0.8	2	203	0.20
	3600445-1		187	01	8.00	02	105	20			250	243666	757829	GW	01	PERMIT REISSUED					
	3600445-2		187	01	8.00	02	115	20			250	243679	756585	GW	01	WELL #1,2,4-CAPPED					
	3600445-3		187	01	8.00	02	45	20			250	244354	754769	GW	01	WELL #3- PLUGGED TO 250'					
	3600445-4		187	01	8.00	02	80	20			250	242940	754306	GW	01						
	3600445-9		187	02	8.00	02	50	18			250	235287	758669	GW	01						
	3600445-10		187	02	8.00	02	50	18			250	235272	758089	GW	01						
	3600445-11		187	02	8.00	02	50	18			250	235249	757585	GW	01						
3600446							36			GW	3	EDWARD J. MCARDLE					20	0.8	2	306	0.50
	3600446-1		187	01		02	60	20			250	235287	758669	GW	01	same wells used as above					
	3600446-2		187	01		02	60	20			250	235272	758089	GW	01	adjacent property					

	3600446-3		187	01		02	60	20			250		235249 757585 GW 01					
3600448		11.87		03			36	5/84	LAN	GW	1		JASSEY MURPHY DEV CO	15	0.8	2	10	0.75
	3600448-1		187	01	6.00	02	240	190			90		219452 783329 GW 05					
3600479		82.18		03			36	10/84	LAN	BOTH	2	2	THE VINTAGE LIMITED PARTNERSHIP	15	0.8	2	72	0.75
	3600479-1		187	02	6.00	02	60	25			150		233610 772452 GW 01					
	3600479 2		187	02	6.00	02	60	25			150		231613 774122 GW 01					
	3600479-SW1		187	02							750		234038 772623 SW 01					
	3600479-SW2		187	02							250		234031 772633 SW 01PUMP #2S- JOCKEY					
3600534		13.13		03			36	9/86	GLF	SW		2	SOMERSET DEVELOPMENT CORP.	15	0.8	2	12	0.75
	3600534-SW1		187	01							200		219774 785284 SW 01					
	3600534-SW2		187	01							100		219925 785728 SW 01					
3600564		110.40		03			36	6/85	AGR	GW	5		WESTINGHOUSE GATEWAY COMMUNITY	20	0.8	2	87	.50
	3600564-2012		169	01	6.00	03	20	10			400		254701 818627 GW 01NO PUMP AT PRESENT					
	3600564-2003		169	01	6.00	03	18	10			310		247076 820895 GW 01NO PUMP AT PRESENT					
	3600564-2001		169	01	6.00	01	20	10			310		245077 825463 GW 01					
	3600564-2013		170	01	6.00	01	25	10			310		256173 819625 GW 01SURFACE WATER PERMIT ONLY					
	3600564-2051		170	03	6.00	01	83	40			310		259774 813773 GW 01					
3600573		7.99		03			36	10/85	LAN	GW	2		LEE COUNTY SCHOOL BOARD	15	0.8	15	14	0.75
	3600573-1		187	01	6.00	02	40	34			100		233444 783340 GW 01PERMIT RE-ISSUED					
	3600573-2		187	02	4.00	02	50	30			54		232702 783012 GW 01					
3600576		235.96		03			36	6/85	AGR	GW	5		RONALD INGE, TRUSTEE	13	0.8	2	513	0.85
	3600576-1		189	02	12.00	02	35	10			718		307663 767959 GW 01					
	3600576-2		189	02	12.00	02	35	10			718		308798 767938 GW 01					
	3600576-3		189	02	10.00	02	35	10			354		307567 767124 GW 01					
	3600576-4		189	02	12.00	02	35	10			705		308650 767144 GW 01					
	3600576-5		189	02	10.00	02	35	10			475		307703 766409 GW 01					
3600581							36		LAN	GW	1		LEE COUNTY SCHOOL BOARD	15	0.8	2	5	0.75
	3600581-1			01		02	85	74			120		242871 731902 GW 03 Permit Missing					
3600582		3.42		03			36	8/85	LAN	GW	1		LEE COUNTY SCHOOL BD.	15	0.8	2	3	0.75
	3600582-1		202	01	6.00	02	62	61			100		GW 03					
3600596		6.94		03			36	10/86	IND	GW	6		TOLLES READY-MIX, INC.		0.8	2		
	3600596-1		187	01	6.00	02	260	210			200		227567 784530 GW 05					
	3600596-2		187	01	6.00	02	260	210			200		227772 784566 GW 05					
	3600596-3		187	01	4.00	02	20						227608 783996 GW 01					
	3600596-4		187	01	4.00	02	20						227462 783798 GW 01					
	3600596-B		187	01	6.00	02	45	32			40		227782 784565 GW 01					
	3600596-A		187	01	6.00	02	38	27			40		227570 784531 GW 01					
3600622							36		LAN	GW	15	1	U.S. HOME CORP.	15	0.8	2	43	0.75
	3600622-1			01		02	130	80			25		GW 04 Permit Missing					
	3600622-2			01		02	130	80			30		GW 04					
	3600622-3			01		02	130	80			40		GW 04					
	3600622-4			01		02	134	84			50		GW 04					
	3600622-5			01		02	130	80			30		GW 04					
	3600622-6			01		02	130	80			30		GW 04					
	3600622-7			01		02	130	80			30		GW 04					
	3600622-8			01		02	130	80			30		GW 04					

	3600622-9			01		02	130	80			30				GW	04					
	3600622-10			01		02	130	80			30				GW	04					
	3600622-11			01		02	650	300			100				GW	06					
	3600622-12			01		02	572	248			70				GW	06					
	3600622-13			01		02	650	300			100				GW	06					
	3600622-14			01		02	650	300			100				GW	06					
	3600622-15			01		02	650	300			80				GW	06					
	3600622-16			01							855				SW	01					
3600640		21.60		03			36	2/86	AGR	BOTH	2	1	RAUL SALDIVAR SR.				60	0.8	2	150	0.50
	3600640-1		203	02	8.00	02	30	20			500		281554	739325	GW	01					
	3600640-2		203	02	8.00	02	30	20			500		279129	739357	GW	01					
	3600640-SW1		203	02							7300		279783	740158	SW	01					
3600652		3.91		03			36	7/87	AGR	GW	1		CARLEE CHASTAIN				13	0.8	2	9	0.85
	3600652-1		151	02	4.00	02	115	75			45		238087	868390	GW	04					
3600653		4.76		03			36	5/86	LAN	BOTH	6		LENNAR HOMES				15	0.8	2	10	0.75
	3600653-1		187	01	6.00	02	360	300			110		218245	785058	GW	06					
	3600653-2		187	01	4.00	02	210	165			75		217859	785101	GW	05					
	3600653-3		187	01	4.00	02	200	165			75		218598	784256	GW	05					
	3600653-4		187	01	4.00	02	210	165			75		218063	784171	GW	05					
	3600653-5		187	02	6.00	02	360	165			110		218454	784474	GW	05					
	3600653-6		187	02	8.00	02	40	20			110		218665	784908	GW	01					
	3600653-SW1		187	02							110		218665	784908	SW	01					
3600660		32.42		03			36	5/86	LAN	BOTH	10	6	US HOME CORP/BROOKSHIRE VILLAGE				15	0.8	2	28	0.75
	3600660-1		169	02	6.00	02	650	300			100		225154	805874	GW	06					
	3600660-2		169	02	6.00	02	650	300			100		225292	806722	GW	06					
	3600660-3		169	02	6.00	02	650	300			100		223474	806910	GW	06					
	3600660-4		169	02	6.00	02	650	300			100		223443	806206	GW	06					
	3600660-7		169	02	6.00	02	650	300			200		223465	805702	GW	06					
	3600660-9		169	02	6.00	02	650	300			150		224539	805344	GW	06					
	3600660-13		169	02	6.00	02	650	300			200		224717	807316	GW	06					
	3600660-14		169	02	6.00	02	650	300			150		224266	806797	GW	06					
	3600660-17-1		169	02	6.00	02	650	300			100		223922	807416	GW	06					
	3600660-17-2		169	02	6.00	02	650	300			100		225459	807464	GW	06					
	3600660-S6-1		169	02							200		224063	805568	SW	01					
	3600660-S9-1		169	02							100		224829	805529	SW	01					
	3600660-S13-1		169	02							150		224836	806945	SW	01					
	3600660-S14-1		169	02							150		224037	806341	SW	01					
	3600660-S17-1		169	02							100		224561	807196	SW	01					
	3600660-S17-2		169	02							100		225013	807321	SW	01					
3600676		29.68		03			36		LAN	GW	28		BRECKENRIDGE LTD.				15	0.8	2	27	0.75
	3600676-1		187	02	6.00	02	45	20			30		230987	769498	GW	01					
	3600676-2		187	02	6.00	02	45	20			30		230685	769551	GW	01					
	3600676-3		187	02	6.00	02	45	20			30		230387	769443	GW	01					
	3600676-4		187	02	6.00	02	45	20			30		229910	769438	GW	01					
	3600676-5		187	02	6.00	02	45	20			30		229644	769139	GW	01					
	3600676-6		187	02	6.00	02	45	20			30		230289	769041	GW	01					
	3600676-7		187	02	6.00	02	45	20			30		230485	768890	GW	01					
	3600676-8		187	02	6.00	02	45	20			30		229819	768841	GW	01					
	3600676-9		187	02	6.00	02	45	20			30		229753	768528	GW	01					
	3600676-10		187	02	6.00	02	45	20			30		230110	768672	GW	01					
	3600676-11		187	02	6.00	02	45	20			30		230028	768503	GW	01					

	3600676-12		187	02	6.00	02	45	20			30		231010	769052	GW	01					
	3600676-13		187	02	6.00	02	45	20			30		231181	768574	GW	01					
	3600676-14		187	02	6.00	02	45	20			30		230880	768589	GW	01					
	3600676-15		187	02	6.00	02	45	20			30		230546	768480	GW	01					
	3600676-16		187	02	6.00	02	45	20			30		230319	768223	GW	01					
	3600676-17		187	02	6.00	02	45	20			30		230936	768100	GW	01					
	3600676-18		187	02	6.00	02	45	20			30		231221	767953	GW	01					
	3600676-19		187	02	6.00	02	45	20			30		231225	769546	GW	01					
	3600676-20		187	02	6.00	02	45	20			30		231253	769321	GW	01					
	3600676-21		187	02	6.00	02	45	20			30		230502	767924	GW	01					
	3600676-22		187	02	6.00	02	45	20			30		230303	767696	GW	01					
	3600676-23		187	02	6.00	02	45	20			30		230855	767763	GW	01					
	3600676-24		187	02	6.00	02	45	20			30		230684	767519	GW	01					
	3600676-25		187	02	6.00	02	45	20			30		231177	767387	GW	01					
	3600676-26		187	02	6.00	02	45	20			30		230939	767193	GW	01					
	3600676-27		187	02	6.00	02	45	20			30		230304	767315	GW	01					
	3600676-28		187	02	6.00	02	45	20			30		230621	767121	GW	01					
3600677		95.88		03			36	7/86	GLF	GW	5		WESTINGHOUSE GATEWAY COMMUNITY				15	0.8	2	149	0.75
	3600677-1		170	01	10.00	02	30	10			200		258776	813635	GW	01					
	3600677-2		170	01	10.00	02	30	10			150		258376	814263	GW	01					
	3600677-3		170	01	10.00	02	30	10			100		257965	814881	GW	01					
	3600677-4		170	01	10.00	02	30	10			100		257662	815557	GW	01					
	3600677-5		170	01	10.00	02	30	10			100		257293	816377	GW	01					
3600687		81.85		03			36	1/89	AGR	BOTH	1	1	MELVIN C. HALL				60	0.8	2	100	0.50
	3600687-1		202	01	10.00	02	35	17			600		249900	740386	GW	01					
	3600687 SW1		202	01							3000		250479	739641	SW	01					
3600688		294.53		03			36	8/86	LAN	GW	4		GATEWAY SERVICES DISTRICT				15	0.8	2	228	0.75
	3600688-1		170	02	10.00	02	25	10			350		257336	815477	GW	01					
	3600688-2		170	02	10.00	02	25	10			350		257834	814686	GW	01					
	3600688-3		170	02	10.00	02	25	10			350		258460	813778	GW	01					
	3600688-4		170	02	10.00	02	25	10			350		259179	813180	GW	01					
3600689		3.60		03			36	8/86	LAN	SW		1	DONALD L. BYER				15	0.8	2	3	0.75
	3600689-SW1		169	02							150		214100	801233	SW	01					
3600694		6.87		03			36	11/86	AGR	GW	1		FLAVIO FILIPETTO				70	1.5	2	5	0.20
	3600694-1		203	02	6.00	02	150	115			400		275758	727167	GW	04					
3600724		28.64		03			36	1/87	IND	GW	4		DONALD JUSTICE						2		
	3600724-1		187	01	6.00	02	28	20			125		227687	783892	GW	01					
	3600724 2		187	01	6.00	02	30	20			125		227662	783778	GW	01					
	3600724-3		187	02	8.00	02	130	100			125		227568	783791	GW	04					
	3600724-4		187	02	8.00	02	130	100			125		227683	783686	GW	04					
3600737		143.31		03			36	2/87	GLF	BOTH	3	2	WEINER HOMES CORPORATION				15	0.8	2	142	0.85
	3600737-1		187	02	8.00	02	30	20			300		240283	766208	GW	01					
	3600737-2		187	02	8.00	02	30	20			300		240922	765851	GW	01					
	3600737-3		187	02	8.00	02	30	20			300		241089	765029	GW	01					
	3600737-SW1		187	02							1200		241012	766120	SW	01					
	3600737-SW2		187	02							1000		240052	765840	SW	01					
3600802		10.07		03			36	11/87	IND	GW	3		MACK INDUSTRIES						2		
	3600802-E1		187	01	8.00	02	180	145			150		238065	743898	GW	04					

	3600802-F1		187 04	12.00 02	35	18			300		237511	743587	GW	01					
	3600802-P1		187 01	6.00 02	95	95			40		238267	743799	GW	03					
3600846		14.10	03		36	5/88	AGR	GW	1		CITIZENS & SOUTHERN TRUST CO.				61	0.8	2	21	0.50
	3600846-1		169 02	4.00 02	60	20			100		234682	828817	GW	01					
3600857		9.10	03		36	6/88	LAN	GW	1		ARTHUR RUTENBERG				15	0.8	2	8	0.75
	3600857-1		169 02	4.00 02	840	350			80		215811	789807	GW	07					
3600860		11.00	03		36	7/88	LAN	GW	1		LEE COUNTY SCHOOL BOARD				15	0.8	2	10	0.75
	3600860-1		169 02	6.00 02	400	300			70		217179	831885	GW	07					
3600877		4.39	03		36	9/88	LAN	BOTH	1	1	HUTTON ADVANTAGE PROPERTIES				15	0.8	2	4	0.75
	3600877-1		169 02	4.00 02	400	300			70		219967	824907	GW	07					
	3600877-SW1		169 01						105		219944	825064	SW	01					
3600882		25.34	03		36	9/88	LAN	BOTH	8	2	SOMERSET DEVELOPMENT CORP.				15	0.8	2	22	0.75
	3600882-1		187 01	4.00 02	704	310			70		219414	786272	GW	07					
	3600882-2		187 01	4.00 02	655	320			70		219295	785864	GW	07					
	3600882-3		187 01	4.00 02	645	320			70		219997	784637	GW	07					
	3600882-4		187 02	6.00 02	675	320			70		220004	786265	GW	07					
	3600882-5		187 02	6.00 02	675	320			70		219916	785901	GW	07					
	3600882-6		187 02	6.00 02	675	320			70		220088	784944	GW	07					
	3600882-M1		187 01	4.00 02	20	15			70		219243	784911	GW	01					
	3600882-TM1		187 04	6.00 02	48	25			200		219393	784666	GW	01					
	3600882-SW1		187 01						100		219616	785372	SW	01					
	3600882-SW2		187 01						100		219612	785259	SW	01					
3600890		3.82	03		36	10/88	LAN	SW		1	CITY OF FORT MYERS				15	0.8	2	3	0.75
	3600890-SW1		168 02						100		213744	827849	SW	01					
3600904		13.10	03		36	11/88	LAN	GW	1		LENNAR HOMES INC.				15	0.8	2	12	0.75
	3600904-1		169 01	4.00 02	105	85			50		230737	803964	GW	04					
3600917		11.10	03		36	12/88	GLF	SW		2	T.M.BRONDSTETTER & W.K.BECK				15	0.8	2	10	0.75
	3600917-SW1		187 02	02					100		240763	760560	SW	01					
	3600917-SW2		187 02	02					100		240885	760571	SW	01					
3601070		97.03	03		36	4/89	GLF	GW	1		THE OLD HICKORY CLUB				15	0.8	2	85	0.75
	3601070-1		169 02	6.00 02	80	50			160		237756	799478	GW	01					
3601098		8.31	03		36	5/89	AGR	GW	1		DR. DAVID BROWN/U-PICK STRAW.				60	0.8	2	4	0.85
	3601098-1		169 02	4.00 02	130				150		221824	804688	GW	04					
3601102		114.00	03		36	5/89	GLF	SW			CITY OF FT. MYERS				15	0.8	2	100	0.75
	3601102-SW1		169 01						800		231070	831245	SW	01					
3601212		147.20	03		36	8/89	AGR	GW	8		STONEY'S ENTERPRISES				13	0.8	2	320	0.85
	3601212-1		188 01	8.00 02	25	25			1000		257724	743631	GW	01					
	3601212-2		203 01	8.00 02	33	33			1000		257760	742380	GW	01					
	3601212-3		203 01	8.00 02	25	25			1000		257799	741359	GW	01					
	3601212-4		203 01	8.00 02	25	25			1000		257844	740495	GW	01					
	3601212-5		203 01	8.00 02	23	23			1000		257871	739807	GW	01					
	3601212-6		203 01	8.00 02	25	25			1000		257895	739051	GW	01					
	3601212-7		203 01	8.00 02	25	25			1000		257864	738005	GW	01					
	3601212-8		188 01	8.00 02	27	27			1000		256500	743127	GW	01					

3601272		7.70	03		36	9/89	NUR GW	3	L.A.R.P. NURSERY				61	0.8	2	2 0.20
	3601272-1		169 01	2.00 02	40	20		35	219802	832532 GW	01	*ALL WELLS MANIFOLD TO A				
	3601272-2		169 01	2.00 02	40	20		35	219840	832545 GW	01	SINGLE UNDERWATER PUMP				
	3601272-3		169 01	2.00 02	40	20		35	219850	832560 GW	01					
3601307		26.30	03		36	10/89	IND GW	3	WILDCAT RUN DEV. CORP						2	
	3601307-1		187 02	6.00 02	30	3		506	252708	763786 GW	01					
	3601307-2		187 02	6.00 02	18	3		506	252522	763818 GW	01					
	3601307-3		187 02	6.00 02	18	3		506	252515	763577 GW	01					

APPENDIX G

PUBLIC WATER SUPPLY DATA

INTRODUCTION

The first portion of Appendix G contains the following parameters: utility name and permit number, utility well designations and their corresponding Florida planar coordinates, model locations, layer designations, well construction parameters and pump capacities. This information is followed by monthly pumpages in million gallon per month for each of the public water supply wells over the transient calibration period (February 1986 to December 1988).

Utility	Well Id	Xcoord	Ycoord	Layer	Row	Column	Total Depth	Cased Depth	Well Diameter	Pump Capacity
IMMOKALEE WATER	IWSD-1	360094	754878	3	24	32	275	236	4.00	200
SEWER DISTRICT	ISWD-7	359634	754561	3	24	32	255	228	6.00	200
11-00013	ISWD-8	360231	755285	3	24	32	315	230	8.00	200
	ISWD-9	359944	754642	3	24	32	275	250	8.00	225
	ISWD-10	360016	754319	3	25	32	310	236	8.00	250
	ISWD-11	360216	754630	3	24	32	310	234	8.00	250
	ISWD-101	352425	763614	2	23	30	195	145	8.00	250
	ISWD-102	352286	763870	2	23	30	154	114	6.00	250
	ISWD-103	352955	764177	2	23	31	180	140	8.00	200
	ISWD-201	365944	760365	2	23	33	180	140	8.00	200
	ISWD-202	366295	760377	2	23	33	180	140	8.00	200
	ISWD-301	349705	763471	2	23	30	200	140	8.00	250
	ISWD-302	360017	763501	2	23	30	200	140	8.00	250
	ISWD-303	366698	762119	2	23	33	200	140	8.00	250
	ISWD-304	366694	761503	2	23	33	200	140	8.00	250
COLLIER CO	CCEN-35	250203	655884	2	43	11	55	38	8.00	200
EAST NAPLES	CCEN-76	250866	656493	2	43	11	60	30	8.00	200
11-00015	CCEN-77	251360	656539	2	43	11	60	38	8.00	200
	CCEN-78	252281	656444	2	43	11	60	36	8.00	200
	CCEN-1	252242	653543	2	44	11	58	40	10.00	200
	CCEN-2	251684	654369	2	43	11	61	40	10.00	200
CITY OF NAPLES	NCR-1	240215	669124	2	41	9	90	56	8.00	350
COASTAL RIDGE	NCR-2	240488	670085	2	40	9	87	57	8.00	350
11-00017	NCR-3	241062	670119	2	40	9	89	56	8.00	350
	NCR-4	240450	670877	2	40	9	82	53	8.00	350
	NCR-5	240452	672049	2	40	9	82	53	8.00	350
	NCR-6	240422	673247	2	40	9	82	51	8.00	350
	NCR-7	240438	674131	2	40	9	89	60	8.00	350
	NCR-8	240414	675228	2	39	9	80	58	8.00	350
	NCR-9	240374	676452	2	39	9	40	24	8.00	350
	NCR-10	240378	677712	2	39	9	87	54	8.00	350
	NCR-11	240385	678803	2	39	9	87	64	8.00	350
	NCR-12	240319	679544	2	39	9	83	64	8.00	350
	NCR-13	240366	680279	2	39	9	83	63	8.00	350

Utility	Well Id	Xcoord	Ycoord	Layer	Row	Column	Total Depth	Cased Depth	Well Diameter	Pump Capacity
CITY OF NAPLES	NCR-14	240357	680986	2	38	9	83	64	8.00	350
COASTAL RIDGE	NCR-15	240331	681654	2	38	9	83	64	8.00	350
11-00017	NCR-16	240421	682957	2	38	9	80	60	10.00	350
	NCR-17	240317	683628	2	38	9	85	61	8.00	350
	NCR-18	240442	684588	2	38	9	85	61	8.00	350
	NCR-19	240558	685564	2	38	9	85	61	8.00	350
	NCR-20	240688	686759	2	37	9	85	62	8.00	350
	NCR-21	240803	687778	2	37	9	85	61	8.00	350
	NCR-22	240998	688987	2	37	9	85	61	8.00	350
	NCR-23	241178	690454	2	37	9	85	61	8.00	350
	NCR-24	241273	691515	2	36	9	85	63	8.00	350
	NCR-25	241410	692495	2	36	9	85	62	8.00	350
	NCR-26	241573	693582	2	36	9	85	62	8.00	350
	NCR-27	241678	694401	2	36	9	85	61	8.00	350
	NCR-28	241821	695849	2	36	9	85	61	8.00	350
	NCR-29	241890	684184	2	38	9	85	54	8.00	350
	NCR-30	242087	685085	2	38	10	85	54	8.00	350
	NCR-31	241788	683218	2	38	9	85	54	8.00	350
	NCR-32	243030	683198	2	38	10	85	54	8.00	350
	NCR-33	244284	683181	2	38	10	85	54	8.00	350
	NCR-34	245174	683234	2	38	10	85	54	8.00	350
CITY OF NAPLES	NEGG-1	326435	695331	2	36	26	71	42	14.00	500
E. GOLDEN GATE	NEGG-2	326561	693901	2	36	26	93	48	14.00	500
11-00018	NEGG-3	326456	692573	2	36	25	80	39	14.00	500
	NEGG-4	326458	691247	2	36	25	81	42	14.00	700
	NEGG-5	326488	689952	2	37	26	98	42	14.00	900
	NEGG-6	326488	688600	2	37	26	101	42	14.00	700
	NEGG-7	326610	687299	2	37	26	109	47	14.00	900
	NEGG-8	326502	685937	2	37	26	133	42	14.00	900
	NEGG-9	326480	684640	2	38	26	82	42	14.00	700
	NEGG-10	326490	683297	2	38	26	131	42	14.00	700
	NEGG-11	326546	681992	2	38	26	112	37	14.00	600
	NEGG-12	326549	680656	2	38	26	100	37	14.00	700
	NEGG-13	326575	679306	2	39	26	100	40	14.00	700
	NEGG-14	326581	677980	2	39	26	80	38	14.00	700

Utility	Well Id	Xcoord	Ycoord	Layer	Row	Column	Total Depth	Cased Depth	Well Diameter	Pump Capacity
CITY OF NAPLES	NEGG-16	315759	697851	2	35	26	137	39	14.00	1000
E.GOLDEN GATE	NEGG-17	315691	704185	2	34	26	117	40	14.00	1000
11-00018	NEGG-18	315770	703096	2	34	26	100	39	14.00	1000
	NEGG-19	315800	701483	2	35	26	85	42	14.00	1000
	NEGG-20	315718	700467	2	35	26	86	46	14.00	1000
	NEGG-21	315741	699130	2	35	25	78	51	14.00	600
	NEGG-22	321159	689887	2	37	24	100	40	14.00	700
	NEGG-23	321608	691209	2	36	25	100	40	14.00	700
	NEGG-24	321222	692582	2	36	25	100	40	14.00	700
PELICAN BAY	PBID-1	253058	705689	2	34	12	90	53	10.00	300
IMP. DISTRICT	PBID-2	253022	706416	2	34	12	99	70	10.00	300
11-00052	PBID-3	253040	707029	2	33	12	100	69	10.00	300
	PBID-4	253037	707615	2	33	12	100	69	10.00	300
	PBID-5	253038	708199	2	33	12	98	49	10.00	300
	PBID-6	253052	708805	2	33	12	100	52	10.00	300
	PBID-7	253086	709368	2	33	12	102	53	10.00	300
MARCO ISLAND	MIU-S1	273685	631605	1	48	16	SURFACE	WATER	PUMP	3000
UTILITIES	MIU-S2	274280	631109	1	48	16	SURFACE	WATER	PUMP	3000
11-00080	MIU-S3	273938	630269	1	48	16	SURFACE	WATER	PUMP	2300
	MIU-S4	273399	630591	1	48	15	SURFACE	WATER	PUMP	2300
	MIU-S5	273228	630018	1	48	16	SURFACE	WATER	PUMP	1500
	MIU-S6	272566	629810	1	48	16	SURFACE	WATER	PUMP	5000
	MIU-S7	272135	630727	1	48	16	SURFACE	WATER	PUMP	5000
FLORIDA CITIES	FCWC-1	272112	671905	1	40	15	20	15	4.00	75
GOLDEN GATE	FCWC-3	272496	671991	1	40	15	45	35	6.00	250
11-00148	FCWC-4	272338	671972	1	40	15	45	35	8.00	250
	FCWC-5	272471	672191	1	40	15	45	15	8.00	250
	FCWC-8	272475	671883	1	40	15	23	17	8.00	250
EVERGLADE CITY	EC-2	379682	592766	1	55	36	25	15	8.00	200
COPELAND	EC-3	379485	592767	1	55	36	25	15	8.00	200

Utility	Well Id	Xcoord	Ycoord	Layer	Row	Column	Total Depth	Cased Depth	Well Diameter	Pump Capacity
NORTH NAPLES	NNU-1	263238	711348	1	33	14	35	20	10.00	1000
UTILITIES	NNU-2	263138	710925	1	33	14	40	18	10.00	500
NAPLES ISLE	NIU-1	282554	624410	1	49	17	20	20	4.00	68
11-00235	NIU-2	282802	624086	1	49	17	20	20	4.00	68
	NIU-3	282442	624077	1	49	17	20	20	4.00	68
COLLIER COUNTY	CCU-1	296316	683989	2	38	20	98	50	16.00	700
UTILITIES	CCU-2	297711	683949	2	38	20	100	50	16.00	700
11-00249	CCU-3	298987	684110	2	38	20	100	51	16.00	700
	CCU-4	300500	683852	2	38	21	102	52	16.00	700
	CCU-5	301927	683811	2	38	21	108	50	16.00	700
	CCU-6	301241	684117	2	38	21	101	65	12.00	700
	CCU-7	301238	685300	2	38	21	106	65	12.00	700
	CCU-8	301242	686468	2	37	21	106	70	12.00	700
	CCU-9	301201	687688	2	37	21	114	65	12.00	700
	CCU-10	301192	688864	2	37	21	112	71	12.00	700
	CCU-11	301230	689925	2	37	21	137	90	12.00	700
	CCU-12	301187	691095	2	36	21	133	90	12.00	700
	CCU-13	301210	692054	2	36	21	130	84	12.00	700
	CCU-14	301194	693198	2	36	21	131	85	12.00	700
	CCU-15	301167	694102	2	36	21	130	84	12.00	700
	CCU-16	301181	695091	2	36	21	150	90	12.00	700
PORT OF ISLAND	POI-1	341286	597909	4	54	28	380	300	6.00	300
11-00271	POI-2	342232	597959	4	54	28	380	300	6.00	300
LEE COUNTY	LCU-1	269802	774088	3	21	15	205	135	12.00	350
UTILITIES	LCU-2	271440	774482	3	21	15	250	160	12.00	350
36-00003	LCU-3	273078	774878	3	21	15	260	180	12.00	350
	LCU-4	269871	770048	3	21	15	300	190	12.00	350
	LCU-5	271508	770241	3	21	15	300	205	12.00	350
	LCU-6	273236	770535	3	21	15	300	215	12.00	350
	LCU-7	269880	771765	1	21	15	135	45	12.00	500
	LCU-8	270605	771458	1	21	15	145	60	12.00	500
	LCU-9	271423	771453	1	21	15	145	55	12.00	500

Utility	Well Id	Xcoord	Ycoord	Layer	Row	Column	Total Depth	Cased Depth	Well Diameter	Pump Capacity
LEE COUNTY	LCU-10	272240	771247	1	21	15	156	60	12.00	500
UTILITIES	LCU-11	273332	771342	1	21	15	150	55	12.00	500
36--00003	LCU-12	269963	770351	1	21	15	145	50	12.00	500
	LCU-13	270781	770346	1	21	15	140	50	12.00	500
	LCU-14	271800	770544	1	21	15	150	50	12.00	500
	LCU-15	272509	770438	1	21	15	150	58	12.00	500
	LCU-16	273327	770534	1	21	15	155	60	12.00	500
	LCU-18	270251	773075	1	21	15	115	45	12.00	500
	LCU-19	271614	773068	1	21	15	120	50	12.00	500
	LCU-20	272795	772961	1	21	15	120	50	12.00	500
	LCU-21	270439	774185	1	21	15	105	35	12.00	500
	LCU-22	270894	774284	1	21	15	110	40	12.00	500
	LCU-23	272077	774580	1	21	15	115	45	12.00	500
	LCU-24	272532	774679	1	21	15	120	50	12.00	500
BONITA SPRINGS	BSWS-1	252944	735512	2	28	12	80	64	8.00	315
UTILITIES	BSWS-2	252935	733897	2	28	12	80	65	8.00	225
36-00008	BSWS-3	252930	733088	2	29	12	80	65	8.00	225
	BSWS-4	252925	732281	2	29	12	80	64	8.00	225
	BSWS-5	252921	731675	2	29	12	80	64	8.00	465
	BSWS-6	252916	730685	2	29	12	80	58	8.00	225
	BSWS-7	252929	736319	2	28	12	97	66	12.00	470
	BSWS-8	252955	737430	2	28	12	85	70	8.00	200
	BSWS-9	252960	738339	2	28	12	85	70	8.00	265
	BSWS-10	252967	739449	2	27	12	90	66	12.00	475
	BSWS-11	252911	729858	2	29	12	97	67	12.00	520
GULF UTILITIES	GULF-6	238979	780208	1	20	9	40	19	8.00	500
36-00122	GULF-7	238991	781759	1	19	9	37	19	8.00	200
	GULF-8	238998	782709	1	19	9	38	19	8.00	400
	GULF-9	238983	780658	1	20	9	45	22	8.00	500
	GULF-10	238956	777158	1	20	9	38	20	8.00	250
FLORIDA CITIES	GM-1	262993	791593	3	13	13	170	170	10.00	500
GREEN MEADOWS	GM-1D	262993	791593	1	13	13	40	14	10.00	500
36-00150	GM-2	263809	791286	3	13	13	170	170	10.00	500

Utility	Well Id	Xcoord	Ycoord	Layer	Row	Column	Total Depth	Cased Depth	Well Diameter	Pump Capacity
FLORIDA CITIES	GM-2A	263809	781286	1	13	13	38	20	10.00	500
GREEN MEADOWS	GM-3	263722	781892	3	13	13	195	100	10.00	500
36-00150	GM-3A	263722	781892	1	13	13	42	17	10.00	500
	GM-3B	263722	781892	1	13	13	42	22	10.00	500
	GM-4	265354	781277	3	13	13	185	105	10.00	500
	GM-4A	265354	781277	1	13	13	42	20	10.00	600
	GM-5	267806	781263	3	13	13	185	102	10.00	500
	GM-6	270623	781248	3	13	13	235	90	10.00	350
	GM-7	273186	781234	3	13	13	235	90	10.00	600
	GM-9	278344	781206	3	13	13	208	91	10.00	600
	GM-9A	278344	781206	1	13	13	42	20	10.00	500
LEHIGH ACRES	LEH-1	292547	826744	3	11	18	65	50	8.00	150
36-00166	LEH-2	291035	825256	3	11	18	69	52	8.00	150
	LEH-3	288881	824773	3	11	18	68	58	8.00	200
	LEH-4	290049	827114	3	11	18	85	50	8.00	150
	LEH-5	290995	826507	3	11	18	68	66	8.00	150
	LEH-6	289244	826470	3	11	18	62	62	8.00	100
	LEH-7	292833	825042	3	11	18	85	57	8.00	200
	LEH-8	288927	824059	3	11	18	80	62	8.00	250
	LEH-9A	289425	823969	3	11	18	80	63	8.00	200
TROST	TROST1	253800	742200	3	27	12	95	84	4.00	250
INTERNATIONAL	TROST2	253800	724400	3	27	12	95	84	4.00	250
HARBOR UTILITIES	HAR-1	240614	737081	2	28	9	65	65	2.50	70
36-00366	HAR-2	240712	736973	2	28	9	65	65	2.50	120
	HAR-3	240862	736819	2	28	9	65	65	2.50	120
	HAR-4	240446	736937	2	28	9	65	65	4.00	120
	HAR-5	240607	736806	2	28	9	65	65	4.00	120

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN86	FEB86	MAR86	APR86	MAY86	JUN86	JUL86	AUG86	SEP86	OCT86	NOV86	DEC86
IMMOKALEE WATER	IWSD-1	5.556	5.199	5.565	7.176	8.263	5.163	5.085	5.993	6.074	6.466	6.766	7.172
SEWER DISTRICT	ISWD-7	5.556	5.199	5.565	7.176	8.263	5.163	5.085	5.993	6.074	6.466	6.766	7.172
11-00013	ISWD-8	5.556	5.199	5.565	7.176	8.263	5.163	5.085	5.993	6.074	6.466	6.766	7.172
	ISWD-9	5.556	5.199	5.565	7.176	8.263	5.163	5.085	5.993	6.074	6.466	6.766	7.172
	ISWD-10	5.556	5.199	5.565	7.176	8.263	5.163	5.085	5.993	6.074	6.466	6.766	7.172
	ISWD-11	5.556	5.199	5.565	7.176	8.263	5.163	5.085	5.993	6.074	6.466	6.766	7.172
	ISWD-101	7.380	6.297	7.006	6.631	6.254	5.899	4.705	4.723	4.491	5.222	5.200	5.232
	ISWD-102	7.380	6.297	7.006	6.631	6.254	5.899	4.705	4.723	4.491	5.222	5.200	5.232
	ISWD-103	7.380	6.297	7.006	6.631	6.254	5.899	4.705	4.723	4.491	5.222	5.200	5.232
	ISWD-201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-301	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-302	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-303	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COLLIER CO	CCEN-35	1.726	2.029	2.332	2.123	1.913	1.479	0.383	1.617	1.443	1.646	2.410	1.966
EAST NAPLES	CCEN-76	1.726	2.029	2.332	2.123	1.913	1.479	0.383	1.617	1.443	1.646	2.410	1.966
11-00015	CCEN-77	1.726	2.029	2.332	2.123	1.913	1.479	0.383	1.617	1.443	1.646	2.410	1.966
	CCEN-78	1.726	2.029	2.332	2.123	1.913	1.479	0.383	1.617	1.443	1.646	2.410	1.966
	CCEN-1	1.726	2.029	2.332	2.123	1.913	0.000	0.000	0.000	0.000	0.000	0.000	1.966
	CCEN-2	1.726	2.029	2.332	2.123	1.913	0.000	0.000	0.000	0.000	0.000	0.000	1.966
CITY OF NAPLES	NCR-1	3.263	2.960	2.735	3.031	3.866	2.832	3.766	2.888	8.039	8.047	7.985	2.050
COASTAL RIDGE	NCR-2	3.263	2.960	2.735	3.031	3.718	2.832	3.766	2.888	7.562	6.925	7.985	2.035
11-00017	NCR-3	3.263	2.960	2.735	3.031	3.718	2.832	3.766	2.888	7.562	6.925	7.985	2.035
	NCR-4	3.263	2.960	2.735	3.031	3.401	2.832	3.766	2.888	7.916	8.047	7.985	2.119
	NCR-5	3.263	2.960	2.735	3.031	3.401	2.832	3.766	2.888	7.916	8.047	7.985	2.119
	NCR-6	3.263	2.960	2.735	3.031	3.401	2.832	3.766	2.888	7.916	8.047	7.985	2.119
	NCR-7	3.263	2.960	2.735	3.031	3.539	2.832	3.766	2.888	8.026	8.047	7.985	2.068
	NCR-8	0.816	0.699	0.684	0.758	0.044	0.708	0.941	0.722	0.077	0.075	0.073	0.039
	NCR-9	2.447	2.097	2.052	2.273	3.636	2.124	2.824	2.166	8.026	8.032	7.924	2.214
	NCR-10	0.816	0.699	0.684	0.758	0.032	0.708	0.941	0.722	0.077	0.075	0.073	0.039
	NCR-11	2.447	2.097	2.052	2.273	3.046	2.124	2.824	2.166	6.775	8.003	7.955	2.218
	NCR-12	3.263	2.960	2.735	3.031	3.265	8.450	3.766	2.888	7.859	7.987	7.847	2.182

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN86	FEB86	MAR86	APR86	MAY86	JUN86	JUL86	AUG86	SEP86	OCT86	NOV86	DEC86
CITY OF NAPLES	NCR-13	3.263	2.860	2.735	3.031	3.051	2.832	3.766	2.888	5.997	7.944	8.066	2.224
COASTAL RIDGE	NCR-14	3.263	2.860	2.735	3.031	3.316	2.832	3.766	2.888	7.736	7.987	8.050	2.187
11-00017	NCR-15	3.263	2.960	2.735	3.031	3.323	2.832	3.766	2.888	7.122	8.047	8.081	2.290
	NCR-16	3.263	2.960	2.735	3.031	3.323	2.832	3.766	2.888	7.122	8.047	8.081	2.290
	NCR-17	9.788	8.389	8.207	9.093	2.260	8.450	11.297	8.664	7.665	8.031	8.156	5.169
	NCR-18	9.788	8.389	8.207	9.093	2.260	8.450	11.297	8.664	7.665	8.031	8.156	5.169
	NCR-19	9.788	8.389	8.207	9.093	2.811	8.450	11.297	8.664	7.762	8.116	8.078	5.231
	NCR-20	9.788	8.389	8.207	9.093	2.892	8.450	11.297	8.664	7.480	8.116	8.078	5.231
	NCR-21	9.788	8.389	8.207	9.093	2.504	8.450	11.297	8.664	6.812	5.211	8.046	5.276
	NCR-22	9.788	8.389	8.207	9.093	2.504	8.450	11.297	8.664	0.092	4.951	8.046	5.276
	NCR-23	9.788	8.389	8.207	9.093	2.471	8.450	11.297	8.664	7.830	8.047	8.046	5.326
	NCR-24	9.788	8.389	8.207	9.093	2.471	8.450	11.297	8.664	7.830	8.047	8.046	5.326
	NCR-25	9.788	8.389	8.207	9.093	2.622	8.450	11.297	8.664	7.934	8.047	8.046	5.448
	NCR-26	9.788	8.389	8.207	9.093	2.622	8.450	11.297	8.664	7.934	8.047	8.046	5.448
	NCR-27	9.788	8.389	8.207	9.093	2.579	8.450	11.297	8.664	7.934	8.047	8.046	5.448
	NCR-28	9.788	8.389	8.207	9.093	2.579	8.450	11.297	8.664	7.934	8.047	8.046	5.448
	NCR-29	0.000	0.000	0.000	0.000	2.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NCR-30	0.000	0.000	0.000	0.000	2.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NCR-31	0.000	0.000	0.000	0.000	2.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NCR-32	0.000	0.000	0.000	0.000	2.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NCR-33	0.000	0.000	0.000	0.000	2.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NCR-34	0.000	0.000	0.000	0.000	2.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CITY OF NAPLES	NEGG-1	15.887	15.816	16.785	18.065	14.314	7.519	6.812	12.188	6.011	0.000	6.812	13.722
E. GOLDEN GATE	NEGG-2	15.887	15.616	16.785	18.548	14.314	7.519	6.812	12.188	6.011	12.155	6.812	13.722
11-00018	NEGG-3	15.887	15.616	16.785	18.734	14.314	7.519	6.812	12.188	6.011	11.363	6.812	13.722
	NEGG-4	22.838	22.443	24.129	25.408	20.576	10.809	9.793	17.521	8.641	17.113	12.466	19.726
	NEGG-5	28.796	28.298	30.426	33.483	25.944	13.628	11.921	22.092	10.896	22.244	15.718	24.872
	NEGG-6	22.838	22.443	24.129	25.370	20.576	10.809	9.793	17.521	8.641	18.310	12.466	19.726
	NEGG-7	28.796	28.298	30.426	33.186	25.944	13.628	11.921	22.092	10.896	22.899	15.718	24.872
	NEGG-8	28.796	28.298	30.426	33.283	25.944	13.628	11.921	22.092	10.896	21.367	15.718	24.872
	NEGG-9	22.838	22.443	24.129	15.137	20.576	10.809	9.793	17.521	8.641	18.310	12.466	19.726
	NEGG-10	22.838	22.443	24.129	25.747	20.576	10.809	9.793	17.521	8.641	16.755	12.466	19.726
	NEGG-11	19.363	19.027	20.457	22.383	17.445	9.164	8.302	14.855	7.326	15.057	10.569	16.724
	NEGG-12	22.838	22.443	24.129	26.004	20.576	10.809	9.793	17.521	8.641	18.548	12.466	19.726

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN86	FEB86	MAR86	APR86	MAY86	JUN86	JUL86	AUG86	SEP86	OCT86	NOV86	DEC86
CITY OF NAPLES	NEGG-13	22.838	22.443	24.129	25.737	20.576	10.809	9.793	17.521	8.641	17.984	12.466	19.726
E. GOLDEN GATE	NEGG-14	22.838	22.443	24.129	0.000	20.576	10.809	9.783	17.521	8.641	12.613	12.466	19.726
11-00018	NEGG-16	32.271	31.713	34.095	36.443	29.075	15.273	13.837	24.758	12.211	14.018	17.615	27.873
	NEGG-17	32.271	31.713	34.095	35.682	29.075	15.273	13.837	24.758	12.211	0.000	17.615	27.873
	NEGG-18	32.271	31.730	34.095	35.853	29.075	15.273	13.837	24.758	12.211	26.932	17.615	27.873
	NEGG-19	32.271	31.730	34.095	0.000	29.075	15.273	13.837	24.758	12.211	0.000	17.615	27.873
	NEGG-20	32.271	31.730	34.095	0.000	29.075	15.273	13.837	24.758	12.211	0.000	17.615	27.873
	NEGG-21	19.363	19.027	20.457	0.000	17.445	9.164	8.302	14.866	7.326	0.000	10.589	16.724
	NEGG-22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NEGG-23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NEGG-24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PELICAN BAY	PBID-1	5.212	5.412	5.741	6.433	6.074	5.166	5.272	5.287	5.682	6.179	6.387	6.372
IMP. DISTRICT	PBID-2	5.212	5.412	5.741	6.433	6.074	5.166	5.272	5.287	5.682	6.179	6.387	6.372
11-00052	PBID-3	5.212	5.412	5.741	6.433	6.074	5.166	5.272	5.287	5.682	6.179	6.387	6.372
	PBID-4	5.212	5.412	5.741	6.433	6.074	5.166	5.272	5.287	5.682	6.179	6.387	6.372
	PBID-5	5.212	5.412	5.741	6.433	6.074	5.166	5.272	5.287	5.682	6.179	6.387	6.372
	PBID-6	5.212	5.412	5.741	6.433	6.074	5.166	5.272	5.287	5.682	6.179	6.387	6.372
	PBID-7	5.212	5.412	5.741	6.433	6.074	5.166	5.272	5.287	5.682	6.179	6.387	6.372
MARCO ISLAND	MIU-S1	18.869	20.654	19.714	22.877	22.531	21.044	11.972	16.635	13.713	14.560	17.604	17.485
UTILITIES	MIU-S2	18.869	20.654	19.714	22.877	22.531	21.044	11.972	16.635	13.713	14.560	17.604	17.485
11-00080	MIU-S3	13.977	15.299	14.603	16.946	16.690	15.588	8.868	12.322	10.158	10.785	13.040	12.952
	MIU-S4	13.977	15.299	14.603	16.946	16.690	15.588	8.868	12.322	10.158	10.785	13.040	12.952
	MIU-S5	11.977	10.709	10.222	11.882	11.883	10.912	5.207	8.625	7.111	7.550	9.128	9.066
	MIU-S6	32.147	35.188	33.587	38.976	38.387	35.852	20.396	28.341	23.363	24.806	29.992	29.790
	MIU-S7	32.147	35.188	33.587	38.976	38.387	35.852	20.396	28.341	23.363	24.806	29.992	29.790
FLORIDA CITIES	FCWC-1	0.042	0.120	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.100
GOLDEN GATE	FCWC-3	3.627	1.393	0.424	0.000	1.031	2.094	2.118	1.137	1.678	0.881	0.275	0.289
11-00148	FCWC-4	4.147	3.325	5.878	3.940	4.106	3.941	2.459	4.796	5.741	3.885	1.235	0.729
	FCWC-5	4.829	6.223	6.267	7.558	7.376	5.677	7.542	7.689	6.006	8.108	10.564	10.383
	FCWC-8	4.632	6.086	6.178	8.029	7.327	5.662	7.192	6.950	6.334	8.733	9.677	10.644

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN86	FEB86	MAR86	APR86	MAY86	JUN86	JUL86	AUG86	SEP86	OCT86	NOV86	DEC86
EVERGLADE CITY	EC-2	0.900	1.571	1.568	1.258	1.118	1.003	0.868	1.216	1.464	1.361	1.396	1.317
COPELAND	EC-3	0.900	1.571	1.568	1.258	1.118	1.003	0.868	1.216	1.464	1.361	1.396	1.317
NORTH NAPLES	NNU-1	1.185	1.432	1.469	2.248	2.759	1.443	1.552	1.250	1.373	2.272	1.686	1.786
UTILITIES	NNU-2	1.185	1.432	1.469	2.248	2.769	1.443	1.552	1.250	1.373	2.272	1.686	1.786
COLLIER COUNTY	CCU-1	28.002	30.685	24.087	31.824	26.882	19.853	17.656	17.749	19.708	22.258	26.478	27.111
UTILITIES	CCU-2	28.002	27.860	19.287	25.224	22.991	11.212	17.656	17.749	19.708	22.258	26.479	27.111
11-00249	CCU-3	28.002	30.895	24.179	31.899	22.056	15.348	17.656	17.749	19.708	22.258	26.479	27.111
	CCU-4	0.000	0.000	26.677	32.453	30.244	22.325	17.656	17.749	19.708	22.258	26.479	27.111
	CCU-5	28.002	30.846	26.598	21.999	28.804	22.925	17.656	17.749	19.708	22.258	26.479	27.111
	CCU-6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PORT OF ISLAND	POI-1	1.584	1.470	1.999	1.692	2.020	2.015	2.088	1.847	1.316	1.931	2.039	1.884
11-00271	POI-2	1.584	1.470	1.999	1.692	2.020	2.015	2.088	1.847	1.316	1.931	2.039	1.884
LEE COUNTY	LCU-1	2.037	0.378	0.819	0.168	10.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000
UTILITIES	LCU-2	3.822	9.281	9.576	11.000	10.980	0.504	1.008	0.000	0.000	0.000	8.850	0.072
36-00003	LCU-3	5.623	8.464	2.289	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	LCU-4	4.242	1.995	11.080	0.000	0.000	0.000	0.987	0.000	0.000	0.000	7.959	7.560
	LCU-5	2.814	1.113	11.580	11.000	10.270	0.840	1.155	0.000	0.000	0.000	8.064	7.056
	LCU-6	4.536	0.000	10.180	11.000	10.270	1.008	1.008	0.000	0.000	0.000	6.552	7.560
	LCU-7	6.600	9.000	7.560	11.280	10.830	6.360	6.840	7.140	6.690	7.020	6.480	9.330
	LCU-8	6.660	8.250	6.840	9.750	7.620	5.760	7.920	6.840	7.530	7.350	7.500	8.610
	LCU-9	5.910	1.660	9.120	7.110	6.570	6.240	6.120	6.660	7.080	7.560	5.640	6.660

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN86	FEB86	MAR86	APR86	MAY86	JUN86	JUL86	AUG86	SEP86	OCT86	NOV86	DEC86
LEE COUNTY	LCU-10	0.000	0.060	0.000	9.960	8.400	8.720	6.030	6.960	4.620	6.390	6.780	5.280
UTILITIES	LCU-11	6.860	9.540	8.100	3.570	7.440	7.200	6.150	3.060	3.450	6.300	7.880	7.500
36-00003	LCU-12	8.060	8.220	3.600	7.380	7.680	7.005	6.210	5.790	7.170	9.060	4.440	7.440
	LCU-13	4.320	6.830	3.210	4.770	4.830	6.390	7.230	6.630	6.480	7.830	3.780	1.440
	LCU-14	5.160	1.170	6.090	1.440	2.040	6.480	5.670	6.600	8.420	8.760	2.790	5.940
	LCU-15	4.500	8.430	2.880	3.900	3.360	8.720	5.700	6.660	7.020	7.020	4.320	3.330
	LCU-16	6.300	8.610	2.940	1.440	3.210	6.720	8.730	6.670	4.440	8.910	4.280	4.500
	LCU-18	6.890	5.850	7.620	7.580	6.750	6.720	5.820	6.420	5.670	8.250	5.490	7.830
	LCU-19	8.840	6.780	8.010	8.520	7.770	5.760	7.170	6.810	4.470	6.000	5.670	7.200
	LCU-20	6.750	4.320	0.180	9.240	8.520	6.300	5.490	6.900	7.020	8.280	6.330	8.870
	LCU-21	5.880	6.700	4.500	8.220	8.160	6.480	8.600	8.310	8.880	6.690	6.750	7.680
	LCU-22	8.270	2.620	4.320	2.520	4.380	7.200	6.700	5.940	6.030	8.040	4.920	4.560
	LCU-23	4.950	2.100	3.270	3.810	2.880	6.640	6.850	5.760	6.840	7.140	2.160	4.500
	LCU-24	6.900	4.560	8.160	10.200	10.620	6.570	7.620	7.230	6.180	8.700	7.650	7.710
BONTIA SPRINGS	BSWS-1	4.615	4.373	4.814	4.818	4.253	3.292	3.541	3.177	3.279	0.000	0.000	0.000
UTILITIES	BSWS-2	3.289	3.116	3.431	3.434	3.031	2.346	2.524	2.264	2.337	0.000	0.000	0.000
36-00008	BSWS-3	3.289	3.116	3.431	3.434	3.031	2.346	2.524	2.264	2.337	0.000	0.000	0.000
	BSWS-4	3.289	3.116	3.431	3.434	3.031	2.346	2.524	2.264	2.337	3.826	1.086	1.458
	BSWS-5	6.843	6.484	7.138	7.146	6.306	4.881	5.251	4.710	4.861	6.401	7.157	8.408
	BSWS-6	3.289	3.116	3.431	3.434	3.031	2.346	2.524	2.264	2.337	1.224	0.732	0.000
	BSWS-7	6.896	6.534	7.193	7.201	6.355	4.919	5.292	4.747	4.899	6.102	11.880	8.334
	BSWS-8	2.916	2.764	3.043	3.047	2.689	2.081	2.239	2.008	2.073	2.870	3.609	4.104
	BSWS-9	3.872	3.669	4.039	4.044	3.568	2.762	2.972	2.665	2.751	3.864	5.028	5.292
	BSWS-10	7.002	6.634	7.304	7.312	6.452	4.995	5.373	4.820	4.975	9.702	1.932	7.862
	BSWS-11	7.639	7.238	7.968	7.977	7.039	5.449	5.862	5.258	5.427	9.639	12.474	14.560
GULF UTILITIES	GULF-6	9.113	9.222	9.352	12.048	11.160	8.357	8.414	7.729	8.015	9.696	10.352	10.243
36-00122	GULF-7	3.048	3.084	3.128	4.029	3.732	2.795	2.814	2.585	2.680	3.242	3.339	3.304
	GULF-8	6.066	6.138	6.225	8.019	7.428	5.562	5.600	5.144	5.335	6.453	6.646	6.774
	GULF-9	7.575	7.665	7.773	10.014	9.276	6.946	6.993	6.424	6.662	8.059	8.515	8.426
	GULF-10	3.787	3.832	3.887	5.007	4.638	3.473	3.497	3.212	3.331	4.029	4.341	4.296

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN86	FEB86	MAR86	APR86	MAY86	JUN86	JUL86	AUG86	SEP86	OCT86	NOV86	DEC86
FLORIDA CITIES	GM-1	19.739	11.449	12.837	18.050	16.847	14.282	16.763	10.211	10.960	23.673	8.888	5.938
GREEN MEADOWS	GM-1D	8.419	3.082	3.185	6.068	6.099	5.594	17.627	8.572	13.325	7.420	8.617	6.547
36-00150	GM-2	13.719	13.295	15.301	18.186	16.855	10.727	4.780	4.410	0.471	11.191	5.770	3.873
	GM-2A	11.567	2.815	1.464	7.544	2.727	8.823	1.209	12.348	7.577	7.713	4.847	0.102
"	GM-3	0.000	0.000	0.000	3.372	14.667	15.343	11.015	11.415	12.929	10.561	14.719	17.610
	GM-3A	6.873	0.858	1.667	7.824	0.053	4.178	1.970	1.087	2.561	2.603	17.702	3.434
	GM-3B	8.218	2.527	0.812	7.833	2.291	1.858	0.483	9.480	17.964	14.635	0.444	19.801
	GM-4	16.884	16.857	21.647	16.834	8.389	0.000	0.000	0.000	0.000	0.000	15.531	28.286
	GM-4A	17.559	0.738	21.257	17.751	0.007	1.469	8.176	7.500	22.174	23.168	8.741	0.750
	GM-5	20.945	19.079	21.228	20.597	21.469	17.654	20.000	14.474	0.000	22.827	20.879	21.579
	GM-6	8.403	0.000	9.244	10.864	19.514	12.442	14.546	8.855	0.000	0.000	4.011	0.614
	GM-7	8.014	18.565	17.822	15.161	15.857	16.892	18.021	18.833	19.578	0.000	11.608	18.070
	GM-9	5.410	18.011	19.349	6.327	7.423	0.000	0.533	0.000	0.000	0.000	12.158	20.226
	GM-9A	0.510	18.482	21.040	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000
LEHIGH ACRES	LEH-1	2.560	3.170	3.015	3.346	1.702	2.219	2.219	1.812	0.615	2.875	2.254	2.509
36-00166	LEH-2	1.849	1.288	1.980	2.716	1.484	1.523	2.875	3.156	2.968	4.967	4.808	4.855
	LEH-3	3.760	4.913	6.600	6.621	4.686	4.454	3.841	2.080	4.409	4.970	2.620	4.857
	LEH-4	2.475	1.492	1.347	0.756	1.804	2.428	1.506	3.037	0.984	0.000	4.608	2.816
	LEH-5	1.898	0.601	2.595	0.988	2.190	1.278	1.986	1.393	2.358	1.079	1.872	0.860
	LEH-6	1.865	1.422	1.685	1.224	1.516	1.577	1.295	1.505	2.288	2.602	2.242	1.860
	LEH-7	3.810	4.539	4.519	5.726	3.758	3.739	3.860	3.104	2.173	3.607	4.855	2.121
	LEH-8	7.470	6.524	6.889	8.634	6.595	4.495	3.187	3.638	5.386	3.663	1.437	5.933
	LEH-9A	6.544	6.069	5.417	5.172	6.205	4.081	6.854	7.072	8.907	7.564	6.132	5.734
TROSI	TROST1	2.216	2.677	2.316	2.639	1.669	0.649	0.970	0.083	0.815	1.214	1.934	3.026
INTERNATIONAL	TROST2	2.216	2.677	2.316	2.639	1.669	0.649	0.970	0.083	0.815	1.214	1.934	3.026
HARBOR UTILITIES	HAR-1	0.585	0.390	0.420	0.366	0.243	0.198	0.198	0.185	0.168	0.211	0.256	0.380
36-00366	HAR-2	0.585	0.390	0.420	0.366	0.243	0.198	0.198	0.185	0.168	0.211	0.256	0.380
	HAR-3	0.585	0.390	0.420	0.366	0.243	0.198	0.198	0.185	0.168	0.211	0.256	0.380
	HAR-4	0.585	0.390	0.420	0.366	0.243	0.198	0.198	0.185	0.168	0.211	0.256	0.380
	HAR-5	0.585	0.390	0.420	0.366	0.243	0.198	0.198	0.185	0.168	0.211	0.256	0.380

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN87	FEB87	MAR87	APR87	MAY87	JUN87	JUL87	AUG87	SEP87	OCT87	NOV87	DEC87
IMMOKALEE WATER	IWSD-1	6.816	6.105	7.322	7.969	7.432	6.687	6.099	5.574	4.888	4.432	3.569	4.742
SEWER DISTRICT	ISWD-7	6.816	6.105	7.322	7.969	7.432	6.687	6.099	5.574	4.888	4.432	3.569	4.742
11-00013	ISWD-8	6.816	6.105	7.322	7.969	7.432	6.687	6.099	5.574	4.888	4.432	3.569	4.742
	ISWD-9	6.816	6.105	7.322	7.969	7.432	6.687	6.099	5.574	4.888	4.432	3.569	4.742
	ISWD-10	6.816	6.105	7.322	7.969	7.432	6.687	6.099	5.574	4.888	4.432	3.569	4.742
	ISWD-11	6.816	6.105	7.322	7.969	7.432	6.687	6.099	5.574	4.888	4.432	3.569	4.742
	ISWD-101	5.322	4.744	4.986	4.620	6.935	6.390	6.740	5.522	4.345	4.272	4.110	2.184
	ISWD-102	5.322	4.744	4.986	4.620	6.935	6.390	6.740	5.522	4.345	4.272	4.110	2.184
	ISWD-103	5.322	4.744	4.986	4.620	6.935	6.390	6.740	5.522	4.345	4.272	4.110	2.184
	ISWD-201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.072	11.826	13.645	14.698	13.079
	ISWD-202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.072	11.826	13.645	14.698	13.079
	ISWD-301	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-302	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-303	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COLLIER CO	CCEN-35	1.898	1.885	2.221	1.956	1.692	2.282	2.026	2.036	2.325	1.956	1.800	2.002
EAST NAPLES	CCEN-76	1.898	1.885	2.221	1.956	1.692	2.282	2.026	2.036	2.325	1.956	1.800	2.002
11-00015	CCEN-77	1.898	1.885	2.221	1.956	1.692	2.282	2.026	2.036	2.325	1.956	1.800	2.002
	CCEN-78	1.898	1.885	2.221	1.956	1.692	2.282	2.026	2.036	2.325	1.956	1.800	2.002
	CCEN-1	1.898	1.885	2.221	1.956	1.692	0.000	0.000	0.000	0.000	1.956	1.800	2.002
	CCEN-2	1.898	1.885	2.221	1.956	1.692	0.000	0.000	0.000	0.000	1.956	1.800	2.002
CITY OF NAPLES	NCR-1	1.594	1.174	0.053	1.581	1.363	1.876	7.916	9.133	3.789	2.455	4.684	6.454
COASTAL RIDGE	NCR-2	1.594	1.174	0.732	1.703	1.579	1.876	8.816	9.137	3.789	2.455	4.683	6.470
11-00017	NCR-3	1.594	1.174	0.732	1.703	1.579	1.876	8.816	9.137	3.789	2.455	4.683	6.470
	NCR-4	1.594	1.174	0.767	1.618	1.800	1.876	4.159	8.692	3.789	2.455	4.481	6.344
	NCR-5	1.594	1.174	0.767	1.618	1.800	1.876	8.159	8.692	3.789	2.455	4.481	6.344
	NCR-6	1.594	1.174	0.767	1.618	1.800	1.876	8.159	8.692	3.789	2.455	4.481	6.344
	NCR-7	1.594	1.174	0.583	1.687	1.742	1.876	8.752	9.065	3.789	2.455	4.606	5.665
	NCR-8	0.398	0.294	0.066	0.079	0.063	0.469	0.093	0.133	0.947	0.614	0.173	0.032
	NCR-9	1.195	0.882	0.715	1.668	1.519	1.407	8.658	9.083	2.841	1.841	4.489	6.501
	NCR-10	0.398	0.294	0.066	0.080	0.047	0.469	0.093	0.133	0.947	0.614	0.173	0.032
	NCR-11	1.195	0.885	0.746	1.809	1.713	1.407	8.313	8.804	2.841	1.841	4.631	6.517
	NCR-12	1.594	1.174	1.034	2.143	2.161	1.879	8.484	8.928	3.789	2.455	4.600	6.518

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN87	FEB87	MAR87	APR87	MAY87	JUN87	JUL87	AUG87	SEP87	OCT87	NOV87	DEC87
CITY OF NAPLES	NCR-13	1.594	1.174	1.186	2.376	2.312	1.879	6.780	8.944	3.789	2.455	4.683	6.518
COASTAL RIDGE	NCR-14	1.594	1.174	1.151	2.375	2.509	1.879	2.519	7.473	3.789	2.455	4.847	6.534
11-00017	NCR-15	1.594	1.174	1.516	2.790	2.123	1.879	0.000	7.501	3.789	2.455	4.580	6.644
	NCR-16	1.594	1.174	1.516	2.790	2.448	1.879	0.000	7.554	3.789	2.455	4.580	5.809
	NCR-17	4.782	3.526	4.021	5.070	3.884	5.629	8.446	7.734	11.365	7.364	5.750	9.463
	NCR-18	4.782	3.526	4.021	5.070	3.884	5.629	8.446	7.734	11.365	7.364	5.750	9.463
	NCR-19	4.782	3.526	4.172	5.524	4.761	5.629	8.446	9.460	11.365	7.364	5.881	9.510
	NCR-20	4.782	3.526	4.172	5.524	4.887	5.629	8.446	9.460	11.365	7.364	5.944	9.510
	NCR-21	4.782	3.526	1.440	0.000	2.243	5.629	7.923	7.179	11.365	7.364	6.141	9.494
	NCR-22	4.782	3.526	3.755	5.482	4.218	5.629	7.923	9.350	11.365	7.364	6.395	9.494
	NCR-23	4.782	3.526	3.606	5.624	6.317	5.629	8.461	9.322	11.365	7.364	6.235	9.573
	NCR-24	4.782	3.526	3.683	5.624	6.317	5.629	8.461	9.322	11.365	7.364	6.235	9.573
	NCR-25	4.782	3.526	2.108	0.000	0.498	5.629	8.461	9.221	11.365	7.364	5.873	9.573
	NCR-26	4.782	3.526	3.477	4.492	2.795	5.629	8.461	9.221	11.365	7.364	5.873	9.573
	NCR-27	4.782	3.526	2.799	5.645	5.647	5.629	8.461	9.354	11.365	7.364	5.983	9.507
	NCR-28	4.782	3.526	4.299	6.845	5.647	5.629	8.461	9.354	11.365	7.364	5.983	9.507
	NCR-29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000
	NCR-30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000
	NCR-31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000
	NCR-32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000
	NCR-33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000
	NCR-34	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000
CITY OF NAPLES	NEGG-1	14.494	12.883	15.323	16.075	15.944	10.140	7.455	10.228	10.455	14.000	12.529	11.122
E. GOLDEN GATE	NEGG-2	14.494	12.883	15.323	16.075	15.944	13.009	7.455	10.228	9.332	14.861	12.819	12.402
11-00018	NEGG-3	14.494	12.883	15.323	16.075	15.944	13.505	7.455	10.228	11.921	14.788	12.783	12.390
	NEGG-4	18.520	18.992	22.027	23.108	22.920	17.543	10.716	14.704	17.525	20.852	18.808	18.679
	NEGG-5	23.351	23.947	27.774	29.136	28.899	23.822	13.512	18.539	21.673	26.172	23.633	21.446
	NEGG-6	18.520	18.992	22.027	23.108	22.920	18.150	10.716	14.704	15.553	21.332	18.275	17.787
	NEGG-7	23.351	23.947	27.774	29.136	28.899	22.440	13.512	18.539	19.493	26.935	25.095	19.163
	NEGG-8	23.351	23.947	27.774	29.136	28.899	20.030	13.512	18.539	21.741	25.277	18.853	21.867
	NEGG-9	18.520	18.992	22.027	23.108	22.920	18.251	10.716	14.704	17.539	17.488	18.628	15.823
	NEGG-10	18.520	18.992	22.027	23.108	22.920	18.416	10.716	14.704	15.843	20.853	18.468	16.822
	NEGG-11	15.702	16.102	18.676	19.592	19.432	15.622	9.086	12.468	14.899	17.393	15.950	14.846
	NEGG-12	18.520	18.992	22.027	23.108	22.920	19.043	10.716	14.704	17.608	19.158	18.840	17.083

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN87	FEB87	MAR87	APR87	MAY87	JUN87	JUL87	AUG87	SEP87	OCT87	NOV87	DEC87
CITY OF NAPLES	NEGG-13	18.520	18.992	22.027	23.108	22.920	15.182	10.716	14.704	17.077	19.980	18.733	16.591
E. GOLDEN GATE	NEGG-14	18.520	18.992	22.027	23.108	22.920	16.056	10.716	14.704	12.682	11.823	17.167	17.598
11-00018	NEGG-16	26.170	26.837	31.126	32.653	32.387	25.127	15.143	20.777	26.952	30.063	27.034	25.764
	NEGG-17	26.170	26.837	31.126	32.653	32.387	19.094	15.143	20.777	18.738	27.185	23.939	11.253
	NEGG-18	26.170	26.837	31.126	32.653	32.387	26.688	15.143	20.777	18.527	27.517	16.523	25.786
	NEGG-19	26.170	26.837	31.126	32.653	32.387	17.710	15.143	20.777	11.511	33.921	27.640	26.395
	NEGG-20	26.170	26.837	31.126	32.653	32.387	26.821	15.430	20.777	26.061	30.474	27.579	25.179
	NEGG-21	15.702	16.102	18.676	19.592	19.432	15.978	9.086	12.466	10.701	0.000	0.000	4.335
	NEGG-22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NEGG-23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NEGG-24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PELICAN BAY	PBID-1	6.701	6.216	4.513	4.796	6.212	4.803	2.811	3.815	5.481	5.219	4.434	3.965
IMP. DISTRICT	PBID-2	6.701	6.216	4.513	4.796	6.212	4.803	2.811	3.815	5.481	5.219	4.434	3.965
11-00052	PBID-3	6.701	6.216	4.513	4.796	6.212	4.803	2.811	3.815	5.481	5.219	4.434	3.965
	PBID-4	6.701	6.216	4.513	4.796	6.212	4.803	2.811	3.815	5.481	5.219	4.434	3.965
	PBID-5	6.701	6.216	4.513	4.796	6.212	4.803	2.811	3.815	5.481	5.219	4.434	3.965
	PBID-6	6.701	6.216	4.513	4.796	6.212	4.803	2.811	3.815	5.481	5.219	4.434	3.965
	PBID-7	6.701	6.216	4.513	4.796	6.212	4.803	2.811	3.815	5.481	5.219	4.434	3.965
MARCO ISLAND	MIU-S1	22.310	22.194	23.487	25.779	22.064	20.616	17.434	13.682	14.787	23.258	20.385	21.946
UTILITIES	MIU-S2	22.310	22.194	23.487	25.779	22.064	20.616	17.434	13.682	14.787	23.258	20.385	21.946
11-00080	MIU-S3	16.532	16.440	17.398	19.098	16.344	15.271	12.914	10.135	10.961	17.272	15.085	16.256
	MIU-S4	16.532	16.440	17.398	19.098	16.344	15.271	12.914	10.135	10.961	17.272	15.085	16.256
	MIU-S5	11.572	11.508	12.178	13.367	11.441	10.689	9.040	7.095	7.673	12.059	10.559	11.379
	MIU-S6	38.023	37.812	40.020	43.920	37.590	35.123	29.702	23.311	25.210	39.622	34.696	37.388
	MIU-S7	38.023	37.812	40.020	43.920	37.590	35.123	29.702	23.311	25.210	39.622	34.696	37.388
FLORIDA CITIES	FCWC-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GOLDEN GATE	FCWC-3	0.033	0.135	0.096	0.093	1.873	2.075	0.000	0.000	3.163	3.568	4.215	2.768
11-00148	FCWC-4	0.463	2.242	2.640	3.074	4.503	4.588	4.449	2.451	4.400	4.779	4.984	5.502
	FCWC-5	10.891	9.367	10.450	10.030	9.043	7.553	10.455	10.182	8.786	7.958	7.630	10.596
	FCWC-6	10.889	9.783	10.928	10.473	8.492	7.982	9.643	9.441	7.014	7.525	6.885	9.621

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN87	FEB87	MAR87	APR87	MAY87	JUN87	JUL87	AUG87	SEP87	OCT87	NOV87	DEC87
EVERGLADE CITY	EC-2	1.525	1.746	1.553	1.523	1.443	1.025	1.147	1.183	1.313	1.203	1.125	1.330
COPELAND	EC-3	1.525	1.746	1.553	1.523	1.443	1.025	1.147	1.183	1.313	1.203	1.125	1.330
NORTH NAPLES	NNU-1	1.997	2.037	2.610	2.898	2.659	2.318	1.593	1.940	1.714	1.824	1.854	2.142
UTILITIES	NNU-2	1.997	2.037	2.610	2.898	2.659	2.318	1.593	1.940	1.714	1.824	1.854	2.142
COLLIER COUNTY	CCU-1	28.058	27.559	28.277	28.236	30.110	24.838	17.656	19.303	19.786	21.692	17.190	23.772
UTILITIES	CCU-2	28.058	27.559	28.277	28.236	30.110	24.838	17.656	19.303	19.786	21.692	19.404	23.772
11-00249	CCU-3	28.058	27.559	28.277	28.236	30.110	24.838	17.656	19.303	19.786	21.692	14.889	23.772
	CCU-4	28.058	27.559	28.277	28.236	30.110	24.838	17.656	19.303	19.786	21.692	33.903	23.772
	CCU-5	28.058	27.559	28.277	28.236	30.110	24.838	17.656	19.303	19.786	21.692	22.387	23.772
	CCU-6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CCU-16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PORT OF ISLAND	POI-1	1.921	1.711	1.885	1.903	1.865	1.844	1.898	2.282	2.113	2.353	2.150	1.892
11-00271	POI-2	1.921	1.711	1.885	1.903	1.865	1.844	1.898	2.282	2.113	2.353	2.150	1.892
LEE COUNTY	LCU-1	0.000	0.777	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
UTILITIES	LCU-2	8.001	7.938	7.434	7.560	5.922	4.536	1.008	1.008	1.260	1.008	6.048	7.896
36-00003	LCU-3	0.000	0.000	0.756	5.544	6.972	5.040	1.008	1.008	1.008	1.512	6.048	8.148
	LCU-4	8.484	6.720	5.460	7.644	6.510	4.137	1.008	1.008	1.008	1.008	6.048	7.980
	LCU-5	6.972	5.859	4.536	4.032	5.166	5.040	1.008	1.008	1.260	1.008	8.022	6.573
	LCU-6	8.085	6.783	7.224	5.544	5.670	5.040	1.008	1.008	1.134	1.134	8.526	6.573
	LCU-7	7.110	6.600	6.930	7.710	7.080	5.340	7.710	7.320	6.390	7.020	4.980	6.090
	LCU-8	5.880	4.950	7.860	6.030	7.680	7.710	8.250	8.100	6.900	8.430	5.760	5.970
	LCU-9	6.420	6.330	5.310	7.580	6.830	7.800	6.660	7.200	7.110	7.170	6.810	6.300

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN87	FEB87	MAR87	APR87	MAY87	JUN87	JUL87	AUG87	SEP87	OCT87	NOV87	DEC87
LEE COUNTY	LCU-10	5.910	4.800	7.770	6.240	6.960	6.420	7.710	7.740	7.020	7.410	5.190	6.420
UTILITIES	LCU-11	7.050	8.390	8.990	7.500	7.200	8.130	7.380	7.890	7.280	8.840	6.750	6.540
36-00003	LCU-12	4.800	4.590	6.490	4.560	7.500	7.260	8.510	8.220	6.890	7.280	6.480	6.120
	LCU-13	2.790	2.550	6.510	2.880	4.080	6.810	6.480	3.780	7.200	7.980	0.720	0.610
	LCU-14	4.260	3.450	6.120	4.710	5.250	5.130	8.040	7.080	5.790	6.180	3.930	3.240
	LCU-15	4.170	2.160	3.870	5.040	4.080	6.760	5.760	7.110	5.970	6.660	5.100	5.580
	LCU-16	3.480	5.310	5.730	4.650	7.380	5.400	6.180	7.080	5.780	5.610	2.760	5.220
	LCU-18	5.620	8.000	8.100	6.080	6.900	4.890	6.480	6.840	6.240	6.240	4.470	5.520
	LCU-19	6.510	5.130	4.680	7.380	6.390	5.430	7.080	5.850	6.120	6.980	5.970	4.170
	LCU-20	5.070	6.300	7.170	5.400	8.420	5.640	5.180	6.030	6.090	6.720	8.060	6.720
	LCU-21	6.27	5.760	6.490	6.090	6.810	6.720	7.960	5.610	6.570	8.280	4.710	6.720
	LCU-22	5.100	4.830	7.140	2.820	5.100	5.700	6.040	5.820	6.330	5.910	4.860	5.810
	LCU-23	5.040	5.040	3.960	5.760	3.900	5.490	4.740	6.980	5.880	6.510	5.070	4.230
	LCU-24	5.070	6.660	7.410	6.420	7.200	6.270	6.660	5.300	6.890	8.250	4.680	5.880
BONITA SPRINGS	BSWS-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
UTILITIES	BSWS-2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36-00008	BSWS-3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	BSWS-4	0.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.135	0.000	0.459	0.000
	BSWS-5	12.247	9.878	16.128	8.845	14.616	0.737	12.499	12.120	8.266	11.544	3.578	16.392
	BSWS-6	0.000	1.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	BSWS-7	11.064	8.362	8.576	12.456	10.170	10.684	5.232	6.408	7.776	11.448	7.956	11.538
	BSWS-8	3.276	2.232	3.807	3.555	2.610	0.045	0.018	0.000	0.000	0.486	1.889	1.242
	BSWS-9	5.076	4.956	6.108	2.052	3.696	4.020	1.776	1.032	3.384	5.328	2.028	2.378
	BSWS-10	6.376	12.550	11.088	12.197	5.502	0.000	4.788	14.062	6.678	17.388	18.144	15.824
	BSWS-11	12.072	10.224	7.506	13.662	10.233	19.035	15.579	10.584	13.560	2.712	11.016	4.941
GULF UTILITIES	GULF-6	0.000	0.000	11.375	12.871	11.862	9.355	9.529	9.907	10.039	10.535	10.275	10.943
36-00122	GULF-7	0.000	0.000	3.669	4.152	3.826	3.018	3.074	3.196	3.239	3.398	3.314	3.530
	GULF-8	0.000	0.000	7.523	8.511	7.844	6.188	6.302	6.551	6.639	6.966	6.795	7.236
	GULF-9	0.000	0.000	9.357	10.567	9.757	7.695	7.838	8.149	8.258	8.665	8.452	9.002
	GULF-10	0.000	0.000	4.771	5.397	4.974	3.923	3.996	4.155	4.210	4.418	4.309	4.589

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN87	FEB87	MAR87	APR87	MAY87	JUN87	JUL87	AUG87	SEP87	OCT87	NOV87	DEC87
FLORIDA CITIES	GM-1	2.839	17.393	12.434	7.602	23.239	8.259	17.352	18.219	16.726	9.504	16.827	25.145
GREEN MEADOWS	GM-1D	4.318	3.813	3.028	2.244	2.887	5.458	3.769	7.777	7.793	4.191	17.180	14.079
36-00150	GM-2	8.653	9.864	12.843	13.123	5.459	7.019	14.002	12.829	11.702	6.410	10.835	5.393
	GM-2A	1.453	17.094	11.862	19.938	15.292	2.151	10.408	5.759	0.482	7.628	3.319	8.990
	GM-3	11.037	10.548	10.820	14.205	18.000	0.284	5.933	1.175	11.964	8.926	11.387	13.731
	GM-3A	4.535	4.849	1.842	3.588	3.680	8.898	6.255	7.830	4.542	4.908	1.807	3.135
	GM-3B	4.125	5.241	17.343	14.359	7.114	1.060	2.119	8.539	0.601	5.553	10.242	12.644
	GM-4	23.073	3.730	16.755	21.352	0.080	21.000	15.898	6.467	10.388	6.805	1.044	12.782
	GM-4A	22.887	20.417	3.107	0.000	16.057	0.017	23.085	3.095	11.885	10.403	0.001	0.108
	GM-5	21.641	19.212	20.698	20.808	0.012	19.076	21.871	7.486	19.988	10.918	12.654	18.461
	GM-6	14.616	14.457	14.157	2.734	15.191	15.120	0.000	1.074	0.000	0.503	0.750	14.600
	GM-7	20.088	7.624	18.427	17.282	14.892	16.929	0.000	1.328	0.000	0.596	1.734	17.518
	GM-9	7.024	0.011	15.450	17.631	0.012	18.204	0.000	16.822	10.956	7.818	1.016	4.819
	GM-9A	12.187	19.940	5.872	0.000	22.905	0.036	0.000	0.003	9.717	13.551	10.127	18.310
LEHIGH ACRES	LEH-1	2.774	1.059	2.857	3.872	3.821	3.359	2.757	2.681	3.921	3.867	3.849	0.346
36-00166	LEH-2	5.035	4.925	5.863	5.102	4.893	4.378	4.804	5.334	5.051	5.282	4.737	5.057
	LEH-3	3.790	4.887	8.890	3.200	1.601	3.058	2.464	3.157	4.039	4.236	3.581	2.914
	LEH-4	2.896	2.050	2.733	2.533	3.231	3.689	2.330	3.234	2.876	3.615	3.183	2.012
	LEH-5	1.409	2.417	3.070	2.298	3.772	2.91	2.674	1.720	3.085	0.993	2.548	1.174
	LEH-6	1.787	2.445	2.144	2.786	1.425	1.851	1.841	1.010	0.731	0.225	0.239	0.395
	LEH-7	2.267	2.997	1.777	0.473	0.711	1.006	1.778	0.871	0.441	1.154	1.247	3.139
	LEH-8	7.111	4.476	1.862	6.886	5.704	4.175	3.638	4.720	0.935	3.572	3.298	5.810
	LEH-9A	5.904	5.868	7.080	6.035	6.006	5.188	5.707	6.289	7.557	0.799	7.393	7.149
TROST	TROST1	3.434	3.055	2.807	2.514	2.195	0.838	1.085	0.815	0.525	0.496	1.012	0.835
INTERNATIONAL	TROST2	3.434	3.055	2.807	2.514	2.195	0.838	1.085	0.815	0.525	0.496	1.012	0.835
HARBOR UTILITIES	HAR-1	0.401	0.451	0.504	0.388	0.275	0.200	0.214	0.243	0.189	0.281	0.354	0.457
36-00366	HAR-2	0.401	0.451	0.504	0.388	0.275	0.200	0.214	0.243	0.189	0.281	0.354	0.457
	HAR-3	0.401	0.451	0.504	0.388	0.275	0.200	0.214	0.243	0.189	0.281	0.354	0.457
	HAR-4	0.401	0.451	0.504	0.388	0.275	0.200	0.214	0.243	0.189	0.281	0.354	0.457
	HAR-5	0.401	0.451	0.504	0.388	0.275	0.200	0.214	0.243	0.189	0.281	0.354	0.457

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN88	FEB88	MAR88	APR88	MAY88	JUN88	JUL88	AUG88	SEP88	OCT88	NOV88	DEC88
IMMOKALEE WATER	IWSD-1	5.143	5.021	5.265	5.722	5.711	4.641	4.368	4.520	4.270	5.133	4.631	4.648
SEWER DISTRICT	ISWD-7	5.143	5.021	5.265	5.722	5.711	4.641	4.368	4.520	4.270	5.133	4.631	4.648
11-00013	ISWD-8	5.143	5.021	5.265	5.722	5.711	4.641	4.368	4.520	4.270	5.133	4.631	4.648
	ISWD-9	5.143	5.021	5.265	5.722	5.711	4.641	4.368	4.520	4.270	5.133	4.631	4.648
	ISWD-10	5.143	5.021	5.265	5.722	5.711	4.641	4.368	4.520	4.270	5.133	4.631	4.648
	ISWD-11	5.143	5.021	5.265	5.722	5.711	4.641	4.368	4.520	4.270	5.133	4.631	4.648
	ISWD-101	3.951	4.029	4.525	5.541	6.200	5.463	5.486	6.642	6.741	7.043	6.742	7.213
	ISWD-102	3.951	4.029	4.525	5.541	6.200	5.463	5.486	6.642	6.741	7.043	6.742	7.213
	ISWD-103	3.951	4.029	4.525	5.541	6.200	5.463	5.486	6.642	6.741	7.043	6.742	7.213
	ISWD-201	11.935	10.733	12.030	14.837	15.154	10.821	9.763	10.133	12.013	15.277	15.445	15.601
	ISWD-202	11.935	10.733	12.030	14.837	15.154	10.821	9.763	10.133	12.013	15.277	15.446	15.601
	ISWD-301	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-302	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-303	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	ISWD-304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COLLIER CO	CCEN-35	2.203	2.464	2.693	2.633	2.641	2.017	2.423	2.149	2.092	2.358	2.774	2.689
EAST NAPLES	CCEN-76	2.203	2.464	2.693	2.633	2.641	2.017	2.423	2.149	2.092	2.358	2.774	2.689
11-00015	CCEN-77	2.203	2.464	2.693	2.633	2.641	2.017	2.423	2.149	2.092	2.358	2.774	2.689
	CCEN-78	2.203	2.464	2.693	2.633	2.641	2.017	2.423	2.149	2.092	2.358	2.774	2.689
	CCEN-1	2.203	2.464	2.693	2.633	2.641	2.017	0.000	0.000	0.000	2.358	2.774	2.689
	CCEN-2	2.203	2.464	2.693	2.633	2.641	2.017	0.000	0.000	0.000	2.358	2.774	2.689
CITY OF NAPLES	NCR-1	2.949	2.028	2.928	4.576	3.252	1.887	1.423	3.206	6.821	6.451	1.530	1.821
COASTAL RIDGE	NCR-2	2.580	2.217	3.209	4.448	3.112	1.785	1.071	3.540	2.256	3.135	1.629	1.028
11-00017	NCR-3	2.580	2.217	3.209	4.448	3.112	1.785	1.071	3.540	2.256	3.135	1.628	1.028
	NCR-4	2.592	2.240	2.799	4.515	3.172	1.960	1.025	3.818	6.764	7.040	1.604	1.074
	NCR-5	2.592	2.240	2.799	4.515	3.172	1.960	1.025	3.818	6.764	7.040	1.604	1.074
	NCR-6	2.592	2.240	2.799	4.515	3.172	1.960	1.025	3.818	6.764	7.040	1.604	1.074
	NCR-7	2.635	2.131	2.627	4.585	3.326	1.797	1.192	3.936	7.084	6.891	2.113	1.282
	NCR-8	0.078	0.062	0.094	0.063	0.031	0.075	0.038	0.319	0.042	0.025	0.609	0.025
	NCR-9	2.632	2.049	2.896	5.032	3.317	1.910	1.119	3.898	6.587	7.457	2.247	2.142
	NCR-10	0.078	0.062	0.094	0.063	0.031	0.075	0.038	0.319	0.042	0.040	0.599	0.025
	NCR-11	2.895	1.167	2.885	4.869	3.510	1.835	1.131	4.162	7.064	7.632	2.908	0.382
	NCR-12	3.035	0.430	2.691	4.884	3.750	1.923	1.270	4.379	6.841	7.794	2.776	0.155

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN88	FEB88	MAR88	APR88	MAY88	JUN88	JUL88	AUG88	SEP88	OCT88	NOV88	DEC88
CITY OF NAPLES	NCR-13	3.113	0.552	3.006	5.133	3.859	2.050	1.272	4.479	8.874	5.965	2.852	0.749
COASTAL RIDGE	NCR-14	3.184	2.434	3.366	4.918	3.973	2.503	1.351	4.833	2.935	3.853	3.378	0.861
11-00017	NCR-15	3.254	2.354	3.761	6.040	4.424	2.630	1.382	5.336	7.067	8.158	3.847	1.346
	NCR-16	2.588	2.354	3.761	6.040	4.424	2.630	1.382	5.336	7.067	8.158	3.847	1.346
"	NCR-17	8.030	5.884	7.394	7.742	5.884	4.647	2.856	5.512	6.934	8.312	4.027	4.859
	NCR-18	8.329	5.884	7.394	7.742	6.058	4.647	2.856	5.512	6.934	8.312	4.027	4.859
	NCR-19	8.685	6.197	7.330	7.694	6.131	4.658	3.069	5.638	6.966	8.328	4.531	5.363
	NCR-20	8.685	6.197	7.330	7.694	6.131	4.658	3.069	5.638	6.966	8.328	4.531	5.363
	NCR-21	8.679	6.376	7.456	7.807	6.221	5.011	3.635	5.704	2.896	4.208	4.699	5.563
	NCR-22	8.679	6.376	7.456	7.807	6.221	5.011	3.635	5.704	2.896	4.206	4.699	5.563
	NCR-23	8.805	6.771	7.840	7.794	6.142	5.137	3.858	5.875	6.052	8.340	4.857	5.624
	NCR-24	8.805	6.771	7.840	7.794	6.142	5.137	3.858	5.875	6.052	8.340	4.857	5.624
	NCR-25	8.801	7.021	7.930	7.920	6.412	5.111	4.110	5.890	5.902	7.779	4.510	5.286
	NCR-26	8.801	7.021	7.930	7.920	6.412	5.111	4.110	5.890	5.902	7.779	4.862	5.768
	NCR-27	8.898	6.927	7.899	7.895	6.412	5.111	4.211	5.970	1.387	4.053	6.171	5.779
	NCR-28	8.898	6.927	7.899	7.895	6.412	5.111	4.211	5.970	1.387	4.053	6.171	5.779
	NCR-29	1.403	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.659	0.000
	NCR-30	1.502	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.659	0.000
	NCR-31	1.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.659	0.000
	NCR-32	1.403	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.659	0.000
	NCR-33	1.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.659	0.000
	NCR-34	1.502	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.659	0.000
CITY OF NAPLES	NEGG-1	14.201	14.666	13.748	15.455	14.061	15.166	15.380	14.020	1.374	15.458	14.293	16.236
E. GOLDEN GATE	NEGG-2	14.826	15.205	18.577	17.268	17.587	16.096	15.327	14.674	10.459	13.852	13.278	16.302
11-00018	NEGG-3	14.836	12.874	10.436	16.256	16.478	13.531	8.713	14.479	10.800	15.531	14.585	16.105
	NEGG-4	22.014	22.418	23.543	24.273	24.730	23.264	22.418	22.189	18.281	23.079	18.397	22.650
	NEGG-5	27.694	26.308	29.850	30.806	31.798	29.866	28.578	27.237	22.524	19.232	0.000	0.960
	NEGG-6	21.282	21.875	23.138	24.239	24.730	23.008	21.719	20.584	16.503	19.443	21.101	22.859
	NEGG-7	27.767	28.339	25.867	30.227	28.995	16.599	25.898	3.627	3.682	11.488	24.231	26.501
	NEGG-8	26.690	28.482	29.837	31.209	31.589	27.844	28.400	10.805	5.304	23.676	27.757	29.134
	NEGG-9	21.100	21.953	22.802	23.963	24.335	22.960	21.346	21.439	15.886	22.457	20.900	22.472
	NEGG-10	20.920	21.778	22.633	24.273	24.801	23.531	22.472	21.381	16.495	22.684	20.237	22.578
	NEGG-11	18.269	18.987	19.852	20.806	21.197	19.776	18.085	17.649	15.598	17.423	18.081	19.489
	NEGG-12	21.160	21.889	20.604	23.957	24.569	23.346	22.279	21.069	15.962	21.186	20.717	22.339

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN88	FEB88	MAR88	APR88	MAY88	JUN88	JUL88	AUG88	SEP88	OCT88	NOV88	DEC88
CITY OF NAPLES	NEGG-13	18.764	22.054	20.396	24.273	24.730	23.260	15.335	5.503	0.000	14.739	22.137	23.171
E. GOLDEN GATE	NEGG-14	21.279	21.880	22.728	24.273	24.730	22.999	15.428	13.698	10.696	19.831	21.869	23.517
11-00018	NEGG-16	30.009	31.799	33.194	34.488	34.186	31.341	31.565	28.622	2.368	29.378	30.618	33.220
	NEGG-17	18.549	31.660	33.148	28.255	33.884	31.500	32.465	18.613	24.798	29.145	31.303	32.625
	NEGG-18	30.941	31.649	32.089	34.876	34.847	32.985	32.923	28.853	24.984	28.803	31.683	33.079
	NEGG-19	29.919	31.836	33.339	34.676	34.489	33.321	31.134	29.403	23.452	31.277	31.359	31.826
	NEGG-20	10.232	12.487	33.781	34.676	35.187	32.742	33.304	30.649	0.000	0.864	15.394	33.321
	NEGG-21	18.103	18.761	0.101	12.886	20.852	19.153	17.988	12.454	11.231	16.383	18.713	18.433
	NEGG-22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NEGG-23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NEGG-24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PELICAN BAY	PBID-1	4.612	3.753	4.470	7.260	8.526	7.869	5.798	5.223	3.998	8.957	6.799	7.009
IMP. DISTRICT	PBID-2	4.612	3.753	4.470	7.260	8.526	7.869	5.798	5.223	3.998	8.957	6.799	7.009
11-00052	PBID-3	4.612	3.753	4.470	7.260	8.526	7.869	5.798	5.223	3.998	8.957	6.799	7.009
	PBID-4	4.612	3.753	4.470	7.260	8.526	7.869	5.798	5.223	3.998	8.957	6.799	7.009
	PBID-5	4.612	3.753	4.470	7.260	8.526	7.869	5.798	5.223	3.998	8.957	6.799	7.009
	PBID-6	4.612	3.753	4.470	7.260	8.526	7.869	5.798	5.223	3.998	8.957	6.799	7.009
	PBID-7	4.612	3.753	4.470	7.260	8.526	7.869	5.798	5.223	3.998	8.957	6.799	7.009
MARCO ISLAND	MIU-S1	22.310	22.194	23.487	25.779	22.064	20.616	17.434	13.682	14.797	23.256	20.365	21.946
UTILITIES	MIU-S2	22.310	22.194	23.487	25.779	22.064	20.616	17.434	13.682	14.797	23.256	20.365	21.946
11-00080	MIU-S3	16.532	16.440	17.398	19.096	16.344	15.271	12.914	10.135	10.961	17.272	15.085	16.256
	MIU-S4	16.532	16.440	17.398	19.096	16.344	15.271	12.914	10.135	10.961	17.272	15.085	16.256
	MIU-S5	11.572	11.508	12.178	13.367	11.441	10.689	9.040	7.095	7.673	12.059	10.559	11.379
	MIU-S6	38.023	37.812	40.020	43.920	37.590	35.123	29.702	23.311	25.210	39.622	34.696	37.388
	MIU-S7	38.023	37.812	40.020	43.920	37.590	35.123	29.702	23.311	25.210	39.622	34.696	37.388
FLORIDA CITIES	FCWC-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.101	9.053	9.318
GOLDEN GATE	FCWC-3	3.595	2.948	3.758	3.680	3.756	3.528	2.226	3.188	2.753	4.132	3.893	4.549
11-00148	FCWC-4	5.750	4.600	4.585	6.065	5.548	4.399	3.903	4.893	5.233	5.461	5.630	6.215
	FCWC-5	11.037	10.245	10.950	10.620	10.508	9.968	7.584	9.334	8.658	6.280	4.461	3.384
	FCWC-8	9.911	8.919	9.136	9.830	10.136	8.511	7.299	9.021	7.302	4.744	3.590	3.287

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN88	FEB88	MAR88	APR88	MAY88	JUN88	JUL88	AUG88	SEP88	OCT88	NOV88	DEC88
EVERGLADE CITY	EC-2	1.588	1.684	1.976	1.848	1.409	1.127	1.164	1.212	0.105	1.269	1.739	2.090
COPELAND	EC-3	1.588	1.684	1.976	1.848	1.409	1.127	1.164	1.212	0.105	1.269	1.739	2.090
NORTH NAPLES	NNU-1	2.495	2.275	2.454	2.828	2.710	2.362	1.638	1.227	2.192	3.018	2.969	2.479
UTILITIES	NNU-2	2.495	2.275	2.454	2.828	2.710	2.362	1.638	1.227	2.192	3.018	2.969	2.479
COLLIER COUNTY	CCU-1	24.331	24.679	15.031	15.515	6.310	9.176	7.216	5.259	8.445	15.487	13.826	14.862
UTILITIES	CCU-2	24.331	24.679	15.031	15.515	6.310	9.176	7.216	5.259	12.108	15.487	13.826	14.862
11-00249	CCU-3	24.331	24.679	15.031	15.515	6.310	9.176	7.216	5.259	0.000	15.487	13.826	14.862
	CCU-4	24.331	24.679	15.031	15.515	6.310	9.176	7.216	5.259	4.958	15.487	13.826	14.862
	CCU-5	24.331	24.679	15.031	15.515	6.310	9.176	7.216	5.259	3.823	15.487	13.826	14.862
	CCU-6	0.000	0.000	0.000	0.000	6.310	9.176	7.216	5.259	0.000	15.487	13.826	14.862
	CCU-7	0.000	0.000	0.000	0.000	6.310	9.176	7.216	5.259	0.041	15.487	13.826	14.862
	CCU-8	0.000	0.000	0.000	0.000	6.310	9.176	7.216	5.259	0.000	15.487	13.826	14.862
	CCU-9	0.000	0.000	0.000	15.515	6.310	9.176	7.216	5.259	7.473	15.487	13.826	14.862
	CCU-10	0.000	0.000	0.000	15.515	6.310	9.176	7.216	5.259	0.000	15.487	13.826	14.862
	CCU-11	0.000	0.000	15.031	15.515	6.310	9.176	7.216	5.259	2.254	15.487	13.826	14.862
	CCU-12	0.000	0.000	0.000	15.515	6.310	9.176	7.216	5.259	0.000	15.487	13.826	14.862
	CCU-13	0.000	0.000	15.031	15.515	6.310	9.176	7.216	5.259	0.682	15.487	13.826	14.862
	CCU-14	0.000	0.000	0.000	0.000	0.000	9.176	7.216	5.259	0.399	15.487	13.826	14.862
	CCU-15	0.000	0.000	15.031	15.515	6.310	9.176	7.216	5.259	2.715	15.487	13.826	14.862
	CCU-16	0.000	0.000	15.031	0.000	6.310	9.176	7.216	5.259	9.410	15.487	13.826	14.862
PORT OF ISLAND	POI-1	1.759	1.627	1.719	1.743	1.820	1.587	1.488	1.397	1.301	1.615	2.106	1.310
11-00271	POI-2	1.759	1.627	1.719	1.743	1.820	1.587	1.488	1.397	1.301	1.615	2.106	1.310
LEE COUNTY	LCU-1	7.560	5.376	9.597	10.080	3.108	0.000	0.000	0.000	0.000	0.000	0.000	0.000
UTILITIES	LCU-2	7.560	6.888	4.221	8.064	9.218	6.846	4.305	4.977	3.843	4.032	3.360	2.940
36-00003	LCU-3	7.560	5.376	8.741	8.064	7.329	0.000	0.000	0.000	0.000	0.000	0.000	2.583
	LCU-4	5.943	5.544	8.337	6.872	7.140	3.780	0.818	0.777	3.927	4.368	3.423	4.200
	LCU-5	8.001	6.552	5.355	6.972	8.883	8.756	2.646	5.040	3.717	4.032	3.444	2.709
	LCU-6	8.001	5.544	5.481	5.040	8.883	5.229	7.245	4.767	3.990	3.192	5.145	3.528
	LCU-7	6.030	5.820	9.030	11.730	12.540	8.810	12.540	9.120	8.340	9.480	11.820	12.390
	LCU-8	7.290	8.910	7.350	8.650	11.100	12.180	7.560	8.730	7.560	8.490	8.820	10.230
	LCU-9	6.750	5.550	8.490	7.707	11.880	8.880	11.220	9.240	7.860	10.800	11.250	11.970

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN88	FEB88	MAR88	APR88	MAY88	JUN88	JUL88	AUG88	SEP88	OCT88	NOV88	DEC88
LEE COUNTY	LCU-10	5.280	7.830	6.510	8.970	8.160	12.300	8.940	9.660	7.320	9.600	11.340	9.360
UTILITIES	LCU-11	4.230	5.260	8.070	10.800	9.420	8.820	10.410	8.790	8.700	11.520	13.020	12.810
36-00003	LCU-12	6.090	7.500	8.070	7.710	8.810	9.600	9.120	8.550	7.830	10.860	10.860	9.330
	LCU-13	4.830	6.400	3.090	6.210	5.100	2.680	9.460	7.200	5.040	8.130	7.590	8.340
"	LCU-14	5.940	5.310	6.150	5.730	3.990	6.210	7.350	7.410	5.880	10.080	8.520	8.940
	LCU-15	4.320	5.400	6.210	5.730	5.040	5.850	9.830	6.450	5.480	9.450	9.120	9.120
	LCU-16	5.640	3.980	7.600	7.320	2.490	0.000	0.180	0.210	6.870	8.820	0.570	5.130
	LCU-18	6.450	4.680	7.440	11.560	8.540	11.700	8.960	6.600	6.070	12.120	11.910	12.120
	LCU-19	5.370	6.870	7.680	7.920	8.100	8.490	6.030	5.760	6.870	10.290	9.420	7.110
	LCU-20	6.330	3.510	6.270	7.880	5.220	11.070	10.650	8.730	7.350	10.100	10.470	11.820
	LCU-21	4.710	8.760	7.140	5.730	9.450	11.340	1.230	7.110	5.430	7.850	11.160	13.410
	LCU-22	4.680	5.370	8.310	8.300	3.540	0.360	0.300	2.100	7.620	10.410	5.100	0.000
	LCU-23	5.250	3.240	7.500	6.090	4.080	6.000	6.810	6.480	6.480	11.640	7.950	12.270
	LCU-24	4.850	8.850	9.810	5.430	9.090	11.250	9.420	8.310	7.170	11.940	11.730	11.340
BONTIA SPRINGS	BSWS-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
UTILITIES	BSWS-2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36-00008	BSWS-3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	BSWS-4	0.000	0.000	6.120	1.314	0.000	0.232	0.000	0.000	0.000	0.000	3.744	8.372
	BSWS-5	18.472	15.552	15.422	15.298	13.951	10.781	10.588	17.382	16.251	15.094	13.296	13.808
	BSWS-6	0.000	0.576	8.928	8.136	5.225	1.358	2.916	1.888	1.561	0.000	8.544	5.562
	BSWS-7	12.384	15.480	11.592	11.439	9.959	10.987	9.768	3.381	3.165	11.616	3.159	12.312
	BSWS-8	0.720	0.432	1.809	2.592	2.670	3.165	5.121	4.212	3.942	2.322	5.196	4.284
	BSWS-9	3.732	2.604	5.644	7.104	5.316	3.132	1.908	3.000	2.808	1.944	5.198	5.94
	BSWS-10	15.603	9.681	12.033	14.091	14.278	11.119	12.298	7.488	7.009	15.816	11.208	14.973
	BSWS-11	4.347	14.760	4.590	7.506	6.995	7.378	8.189	10.881	10.185	15.930	14.52	4.242
GULF UTILITIES	GULF-6	11.361	11.846	13.434	15.570	17.319	13.558	12.161	10.943	11.872	14.859	13.825	16.615
36-00122	GULF-7	3.665	3.757	4.336	5.023	5.587	4.374	3.923	3.530	3.829	4.793	4.395	5.359
	GULF-8	7.512	7.702	8.884	10.296	11.453	8.966	8.042	7.236	7.851	9.826	9.009	10.987
	GULF-9	8.345	8.453	11.051	12.808	14.248	11.529	10.003	9.002	9.765	12.222	11.207	13.667
	GULF-10	4.764	4.884	5.634	6.529	7.263	5.686	5.099	4.589	4.979	6.232	5.714	6.967

MONTHLY PUMPAGE (MG/M)

UTILITY	WELL#	JAN88	FEB88	MAR88	APR88	MAY88	JUN88	JUL88	AUG88	SEP88	OCT88	NOV88	DEC88
FLORIDA CITIES	GM-1	20.571	20.543	20.888	17.682	2.541	11.178	2.400	0.000	0.000	0.284	5.839	3.479
GREEN MEADOWS	GM-1D	4.875	15.701	10.620	11.431	17.487	16.271	0.086	20.986	20.745	14.674	12.057	11.577
36-00150	GM-2	6.648	2.574	8.668	9.772	6.290	5.887	5.441	4.021	0.119	7.800	11.516	8.632
	GM-2A	4.346	7.987	12.407	4.568	6.031	8.676	12.865	3.498	5.783	0.490	7.756	4.622
	GM-3	13.272	10.852	5.963	9.798	11.030	20.286	9.222	0.565	1.546	5.064	4.568	14.584
	GM-3A	1.487	20.381	16.012	5.419	12.816	5.486	11.034	21.206	21.048	16.110	11.061	6.314
	GM-3B	9.287	6.686	14.752	7.393	15.860	18.292	18.349	6.470	20.460	16.345	12.587	17.660
	GM-4	4.023	7.386	20.992	16.868	8.887	17.863	9.659	1.867	20.439	5.245	19.828	16.067
	GM-4A	18.994	11.766	1.945	17.178	17.830	11.143	13.073	6.535	18.277	18.056	0.082	7.444
	GM-5	21.278	19.001	11.916	12.454	8.803	9.007	14.898	11.209	3.342	12.518	18.280	15.332
	GM-6	16.070	0.000	1.200	10.286	14.461	9.398	1.459	2.506	0.126	1.292	1.897	0.008
	GM-7	18.302	0.000	1.320	10.339	18.021	6.010	3.550	4.024	0.003	0.000	0.368	5.417
	GM-9	12.034	11.846	16.497	12.211	17.787	12.190	11.504	8.131	0.001	6.663	15.659	3.987
	GM-9A	16.938	10.544	7.331	13.573	15.057	4.382	12.898	4.680	0.027	4.125	21.012	19.675
LEHIGH ACRES	LEH-1	3.840	3.289	2.847	3.608	3.608	2.808	2.888	1.982	2.510	3.573	3.602	4.018
36-00186	LEH-2	4.038	3.284	4.646	4.231	4.023	3.098	3.564	2.445	1.886	4.562	4.644	5.070
	LEH-3	2.643	3.221	5.585	3.549	3.805	3.840	3.897	4.668	4.686	3.686	4.242	5.671
	LEH-4	3.368	1.768	2.787	3.198	2.976	1.672	2.958	2.616	1.173	2.132	3.190	1.413
	LEH-5	1.843	3.412	1.809	2.568	2.924	0.790	0.954	1.081	1.439	1.599	0.823	0.765
	LEH-6	1.864	1.704	1.684	2.054	1.134	1.243	0.858	0.255	0.974	1.523	1.830	2.065
	LEH-7	3.105	3.999	2.307	3.432	2.527	1.088	2.675	3.589	4.200	4.480	1.460	1.119
	LEH-8	4.795	5.771	7.337	2.821	4.445	4.586	4.800	5.858	8.250	5.812	7.186	8.800
	LEH-9A	7.676	7.131	7.439	7.246	7.383	6.855	6.724	6.618	8.411	7.217	7.097	7.267
TROST	TROST1	2.984	1.283	1.522	0.494	0.189	1.143	0.971	1.184	1.219	2.270	2.800	2.654
INTERNATIONAL	TROST2	2.984	1.283	1.522	0.494	0.189	1.143	0.971	1.184	1.219	2.270	2.800	2.654
HARBOR UTILITIES	HAR-1	0.478	0.380	0.523	0.490	0.366	0.263	0.206	0.196	0.236	0.242	0.310	0.434
36-00386	HAR-2	0.478	0.380	0.523	0.490	0.366	0.263	0.206	0.196	0.236	0.242	0.310	0.434
	HAR-3	0.478	0.380	0.523	0.490	0.366	0.263	0.206	0.196	0.236	0.242	0.310	0.434
	HAR-4	0.478	0.380	0.523	0.490	0.366	0.263	0.206	0.196	0.236	0.242	0.310	0.434
	HAR-5	0.478	0.380	0.523	0.490	0.366	0.263	0.206	0.196	0.236	0.242	0.310	0.434

APPENDIX H

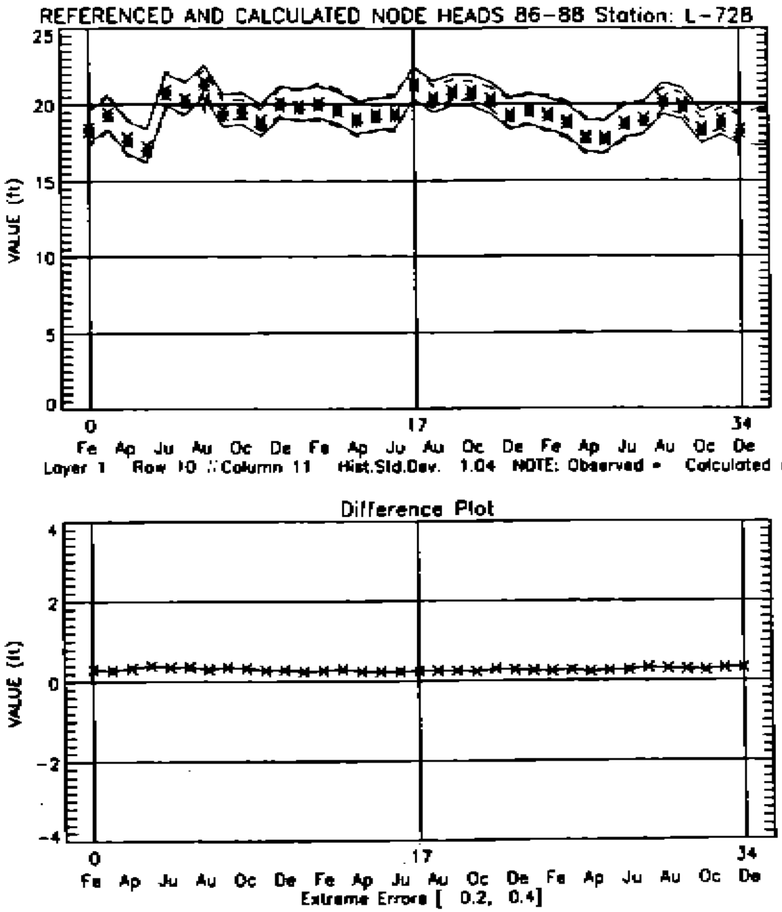
COMPARATIVE HYDROGRAPHS

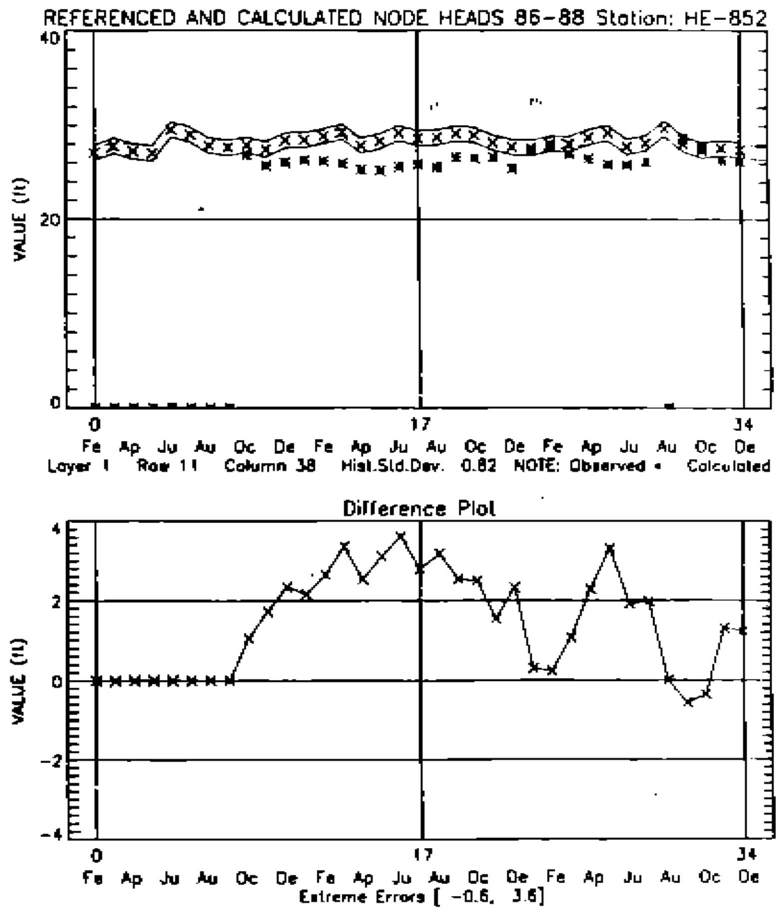
INTRODUCTION

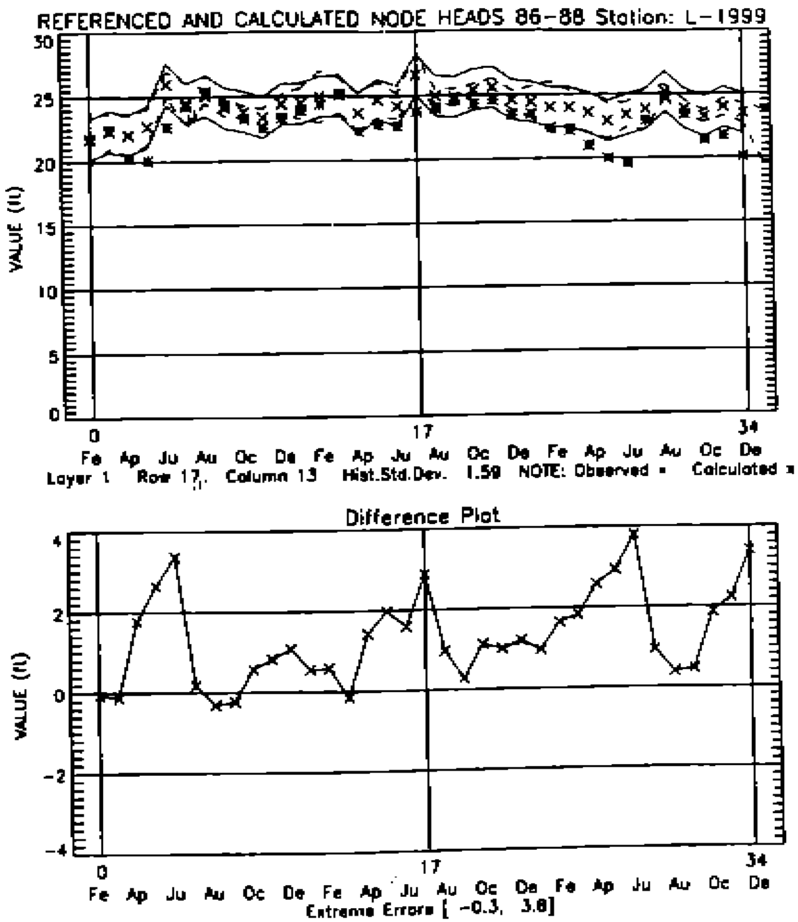
Appendix H contains comparative hydrographs for each monitor well within the model area for layers 1 through 4, respectively. The top graphs show a plot of monthly observed heads (*) versus simulated heads (+) for the 35 month transient calibration period. The solid line shown on the top graphs indicate the calculated historic standard deviation and the dashed line depicts the monthly historical standard deviation. The corresponding lower graphs show the net difference between the observed and model simulated heads for each month (stress period) over the 35 month calibration period (February, 1986 to December, 1988).

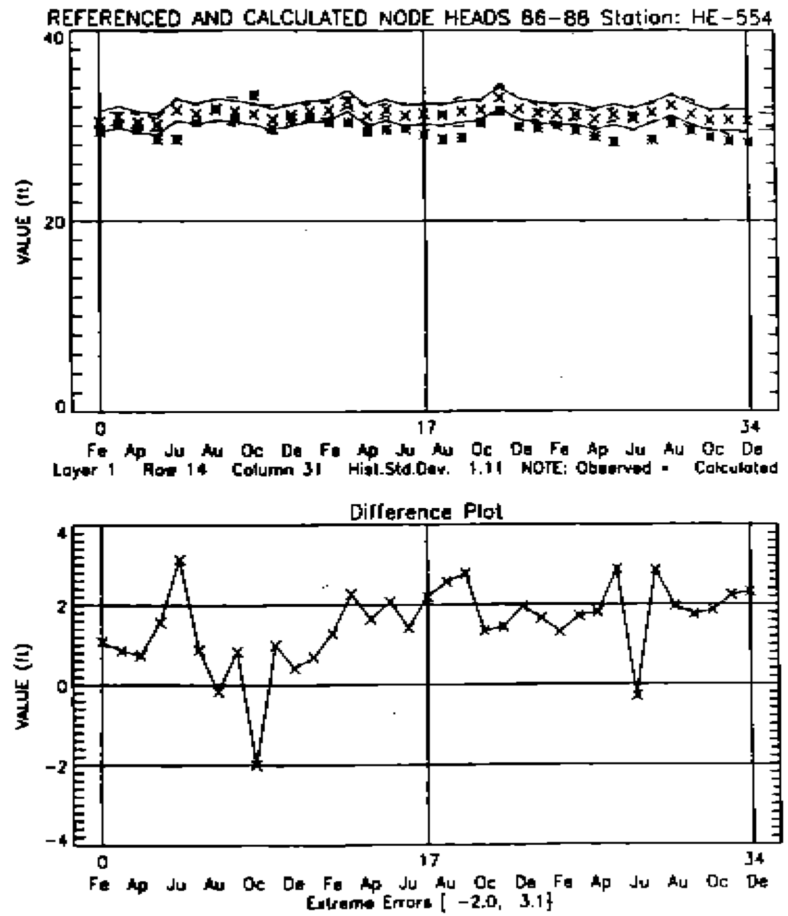
LAYER 1

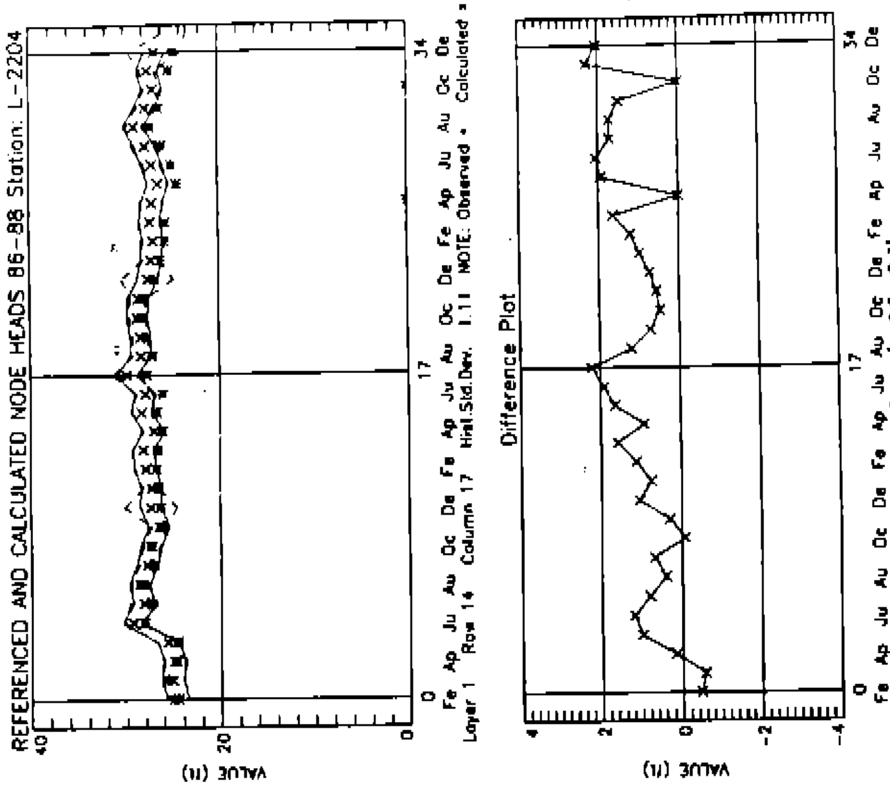
SURFICIAL AQUIFER
COMPARATIVE HYDROGRAPHS

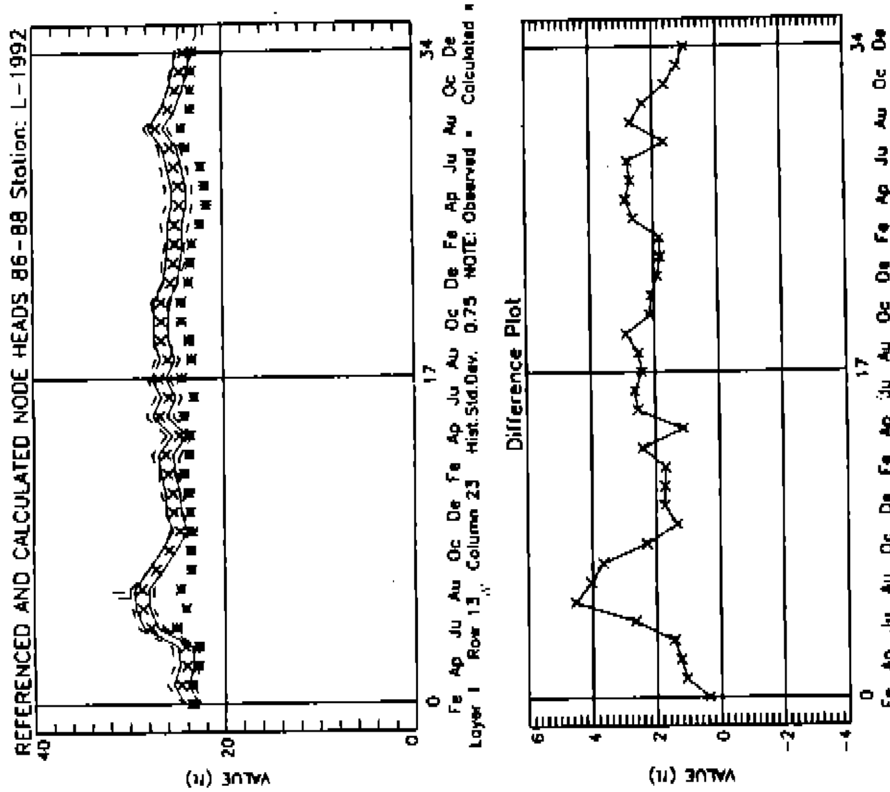

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-728
VALUE (ft)
25
20
15
10
5
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 10 Column 11 Hist.Std.Dev. 1.04 NOTE: Observed • Calculated ▪
Difference Plot
4
2
0
-2
-4
Extreme Errors [0.2, 0.4]

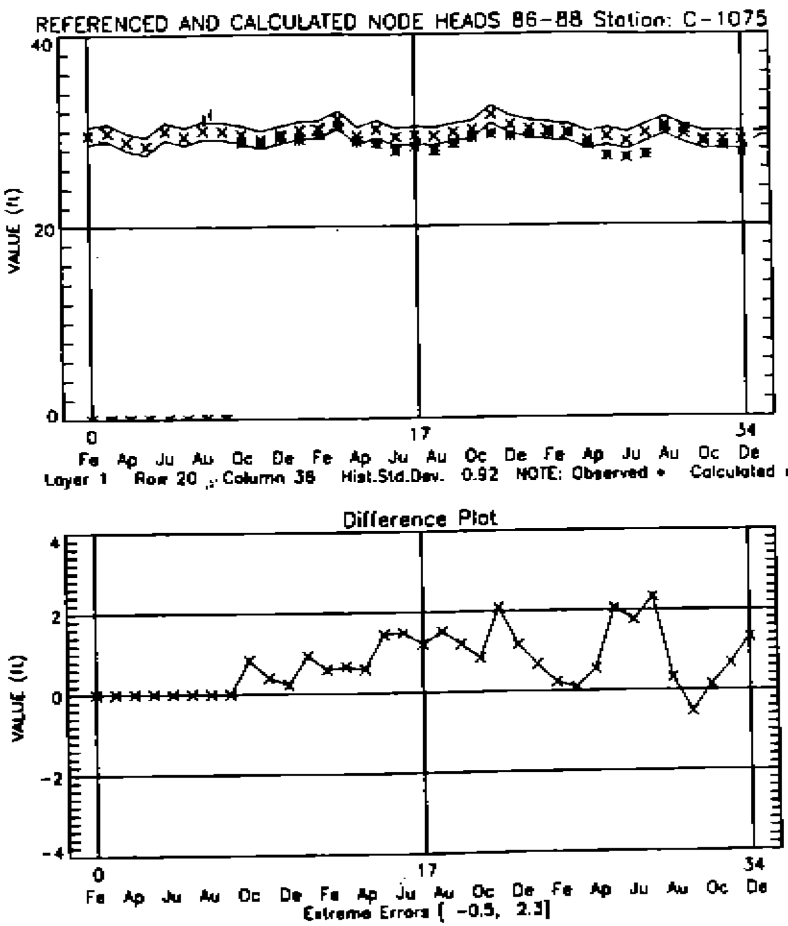

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: HE-852
VALUE (ft)
40
20
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 11 Column 38 Hist.Std.Dev. 0.82 NOTE: Observed • Calculated ▪
Difference Plot
4
2
0
-2
-4
Extreme Errors [-0.6, 3.6]

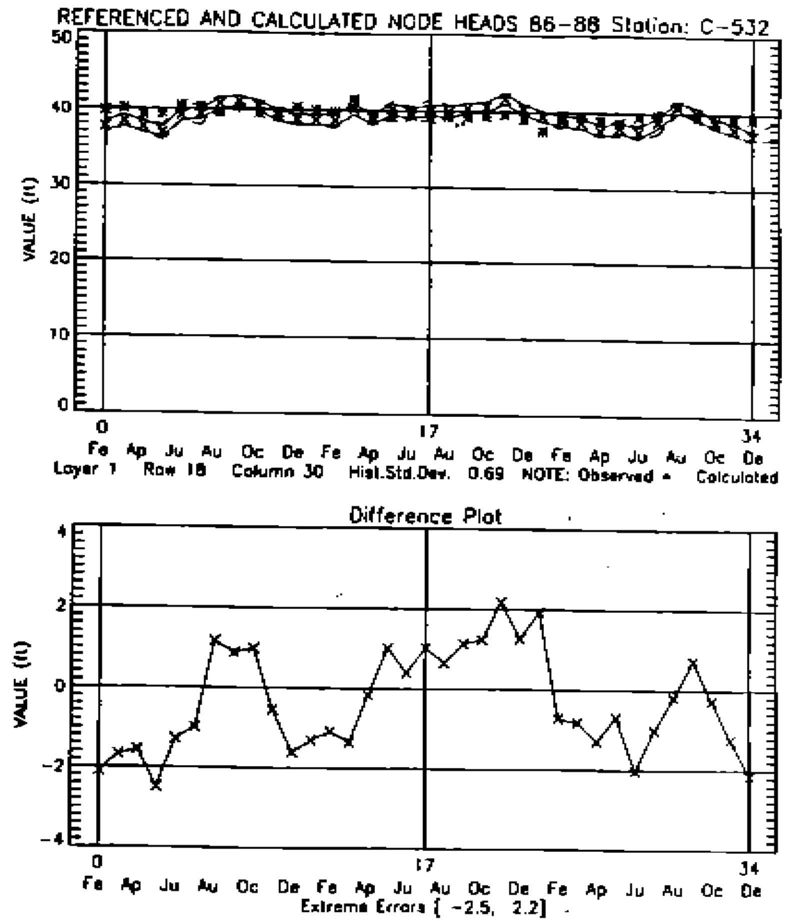

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1999
VALUE (ft)
Layer 1 Row 17 Column 13 Hist.Std.Dev. 1.59 NOTE: Observed = Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.3, 3.8]

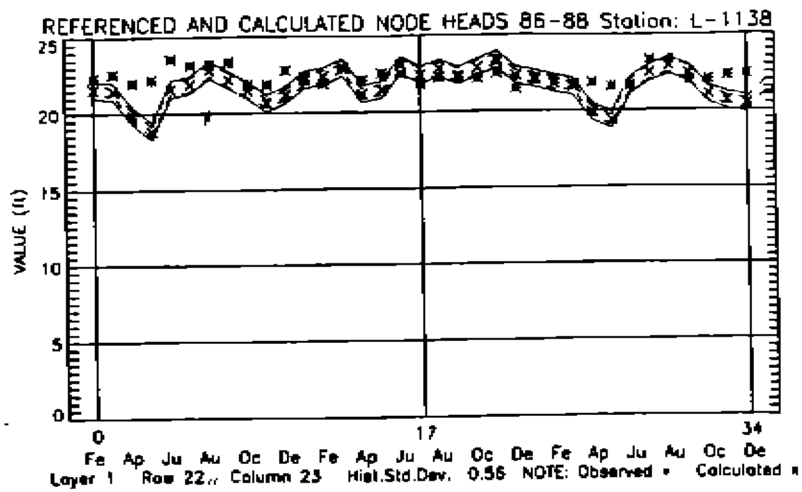

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: HE-554
VALUE (ft)
Layer 1 Row 14 Column 31 Hist.Std.Dev. 1.11 NOTE: Observed = Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-2.0, 3.1]

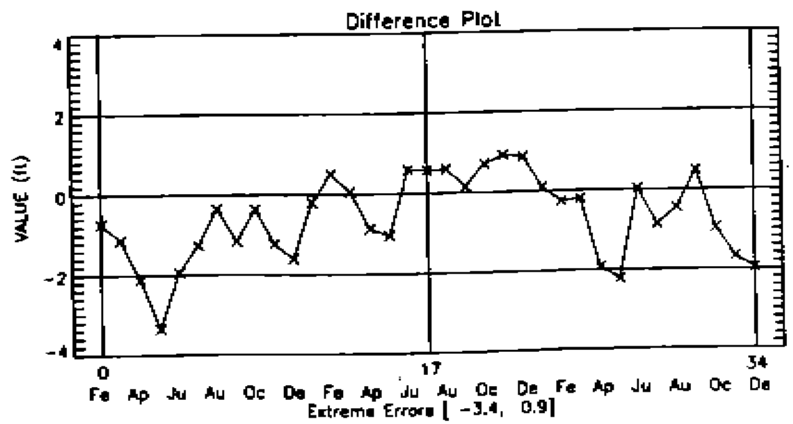

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-2204
VALUE (ft)
Layer 1 Row 14 Column 17 Hist.Std.Dev. 1.11 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-0.6, 2.3]

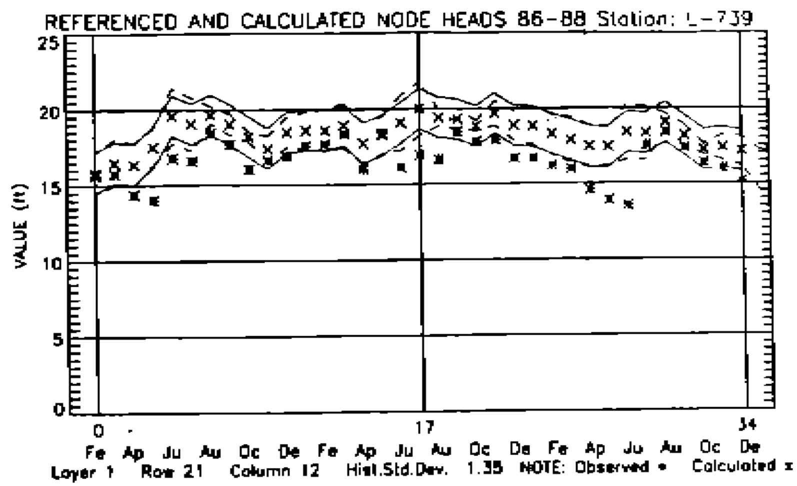

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1992
VALUE (ft)
Layer 1 Row 13 Column 23 Hist.Std.Dev. 0.75 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [0.4, 4.5]

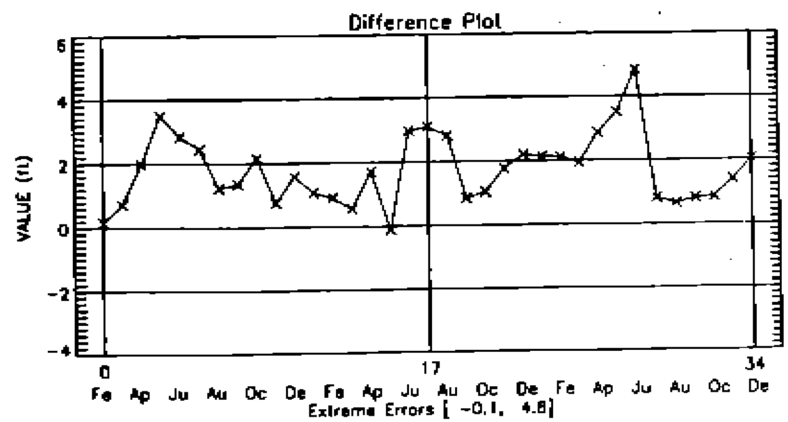

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1075
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 20 Column 38 Hist.Std.Dev. 0.92 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-0.5, 2.3]

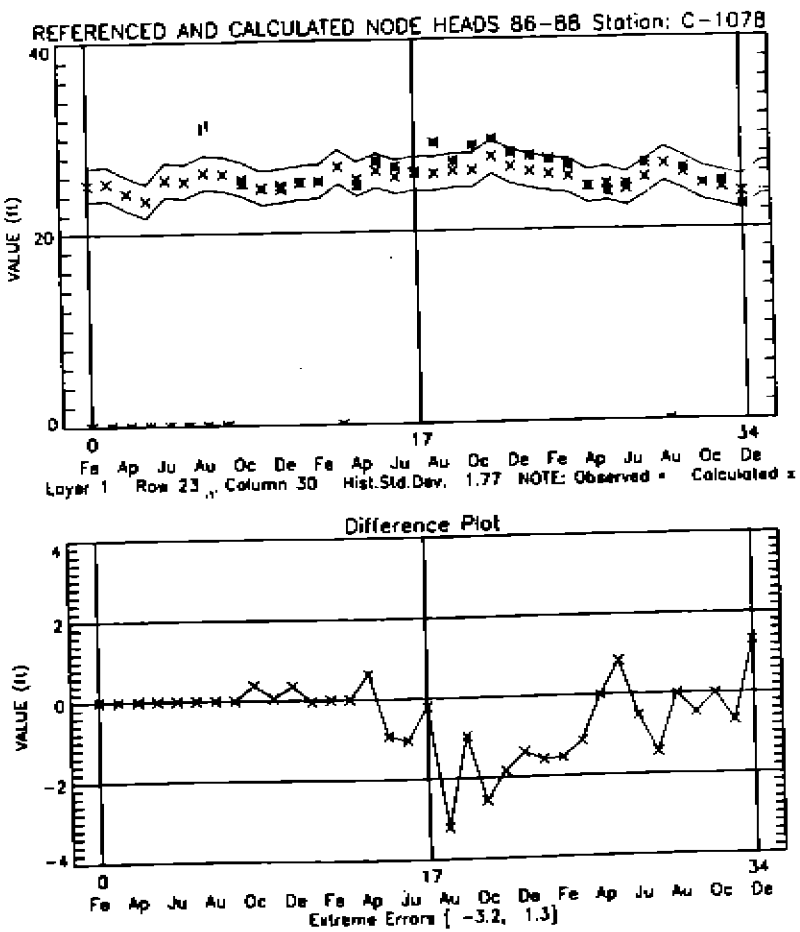

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-532
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 18 Column 30 Hist.Std.Dev. 0.69 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-2.5, 2.2]

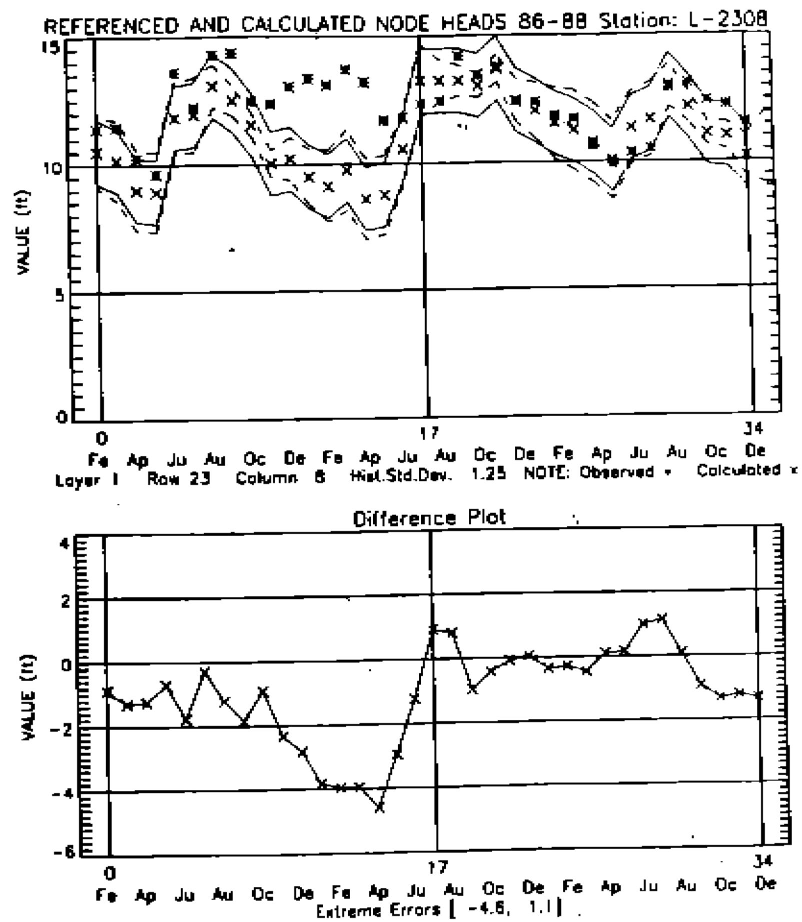

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1138
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 22 Column 23 Hist.Std.Dev. 0.56 NOTE: Observed * Calculated x

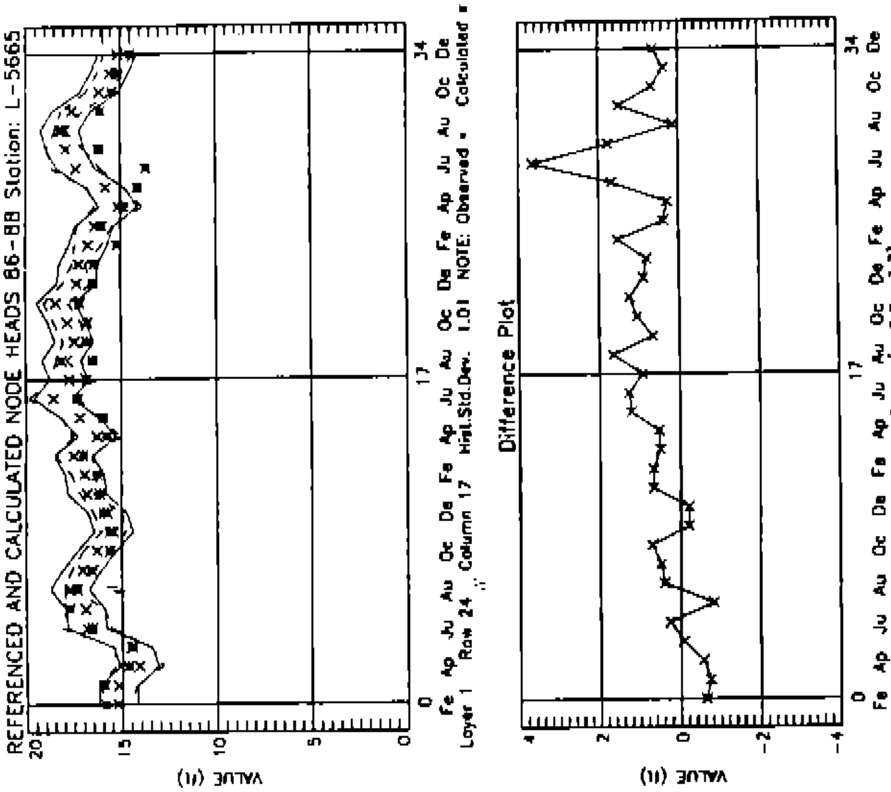

Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-3.4, 0.9]

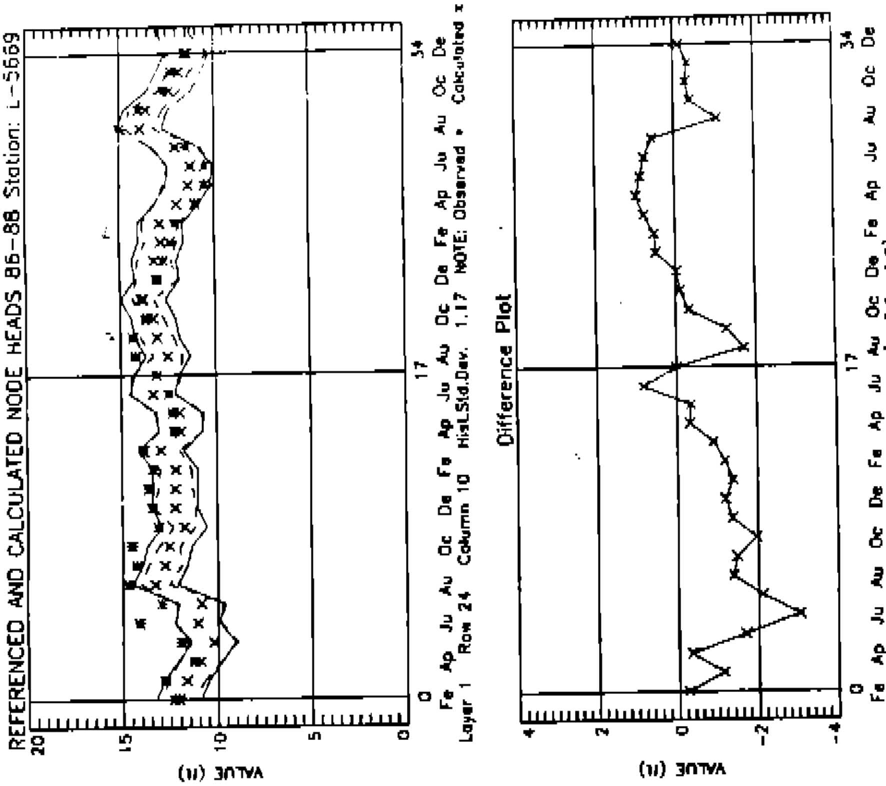

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-739
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 21 Column 12 Hist.Std.Dev. 1.35 NOTE: Observed * Calculated x

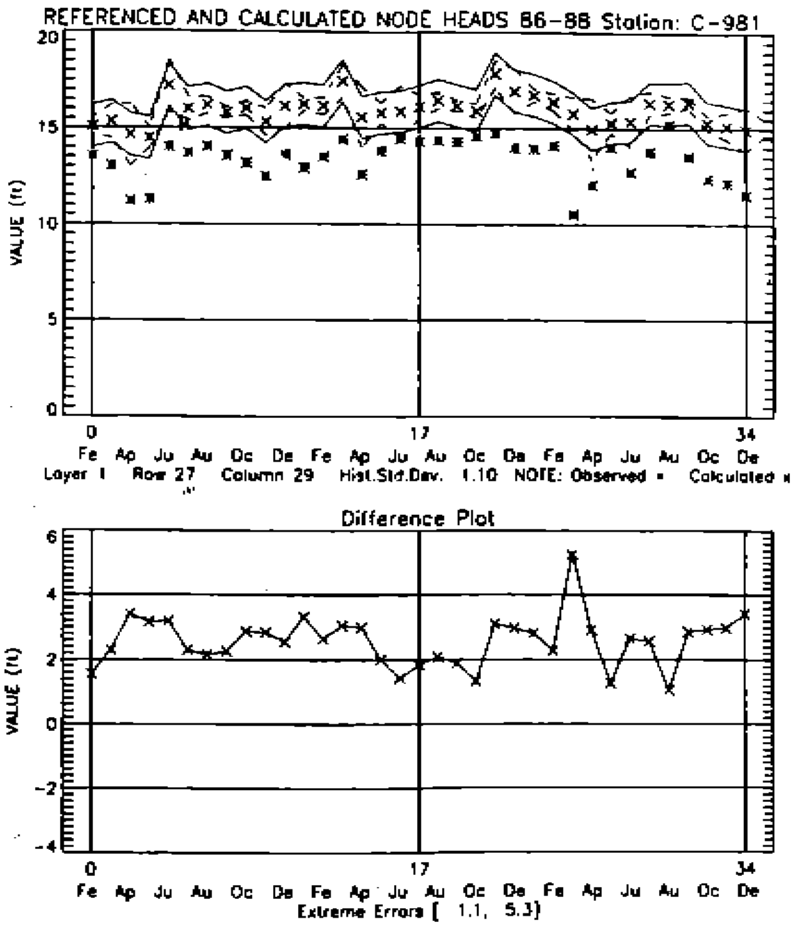

Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-0.1, 4.8]

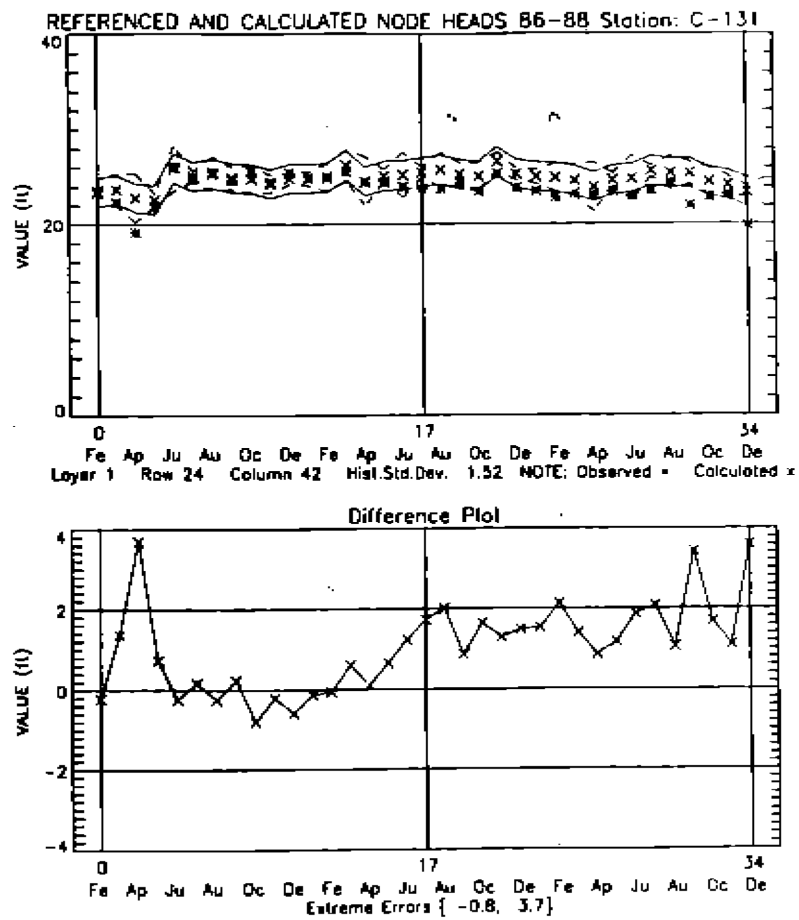

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1078
VALUE (ft)
40
20
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 23 Column 30 Hist.Std.Dev. 1.77 NOTE: Observed * Calculated x
Difference Plot
4
2
0
-2
-4
Extreme Errors [-3.2, 1.3]

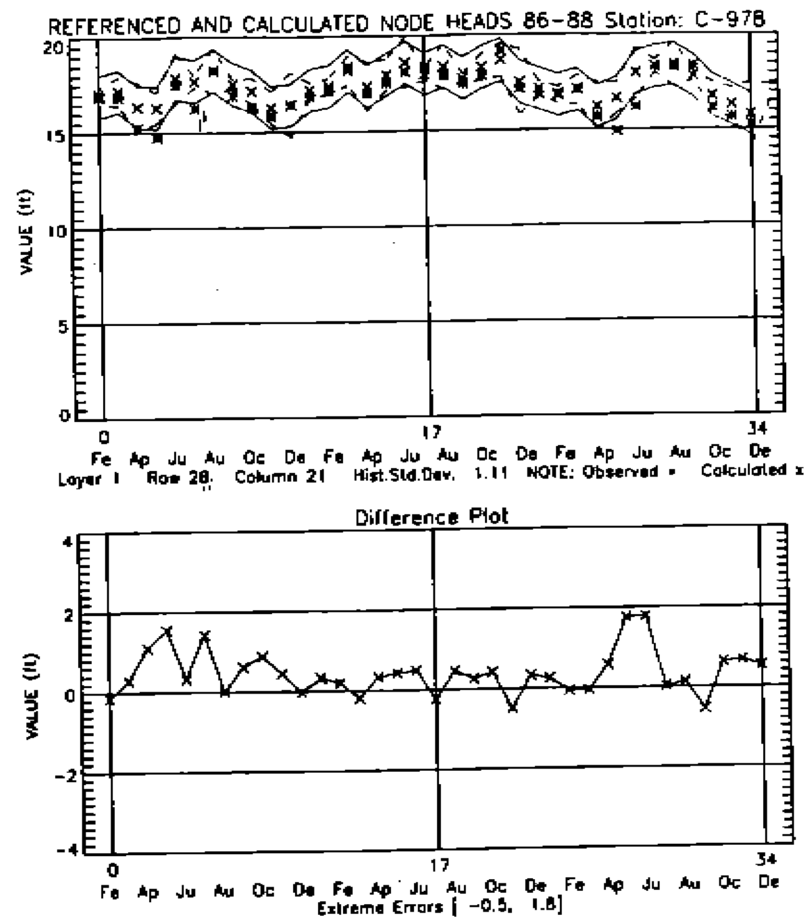

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-2308
VALUE (ft)
15
10
5
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 23 Column 6 Hist.Std.Dev. 1.25 NOTE: Observed * Calculated x
Difference Plot
4
2
0
-2
-4
-6
Extreme Errors [-4.6, 1.1]

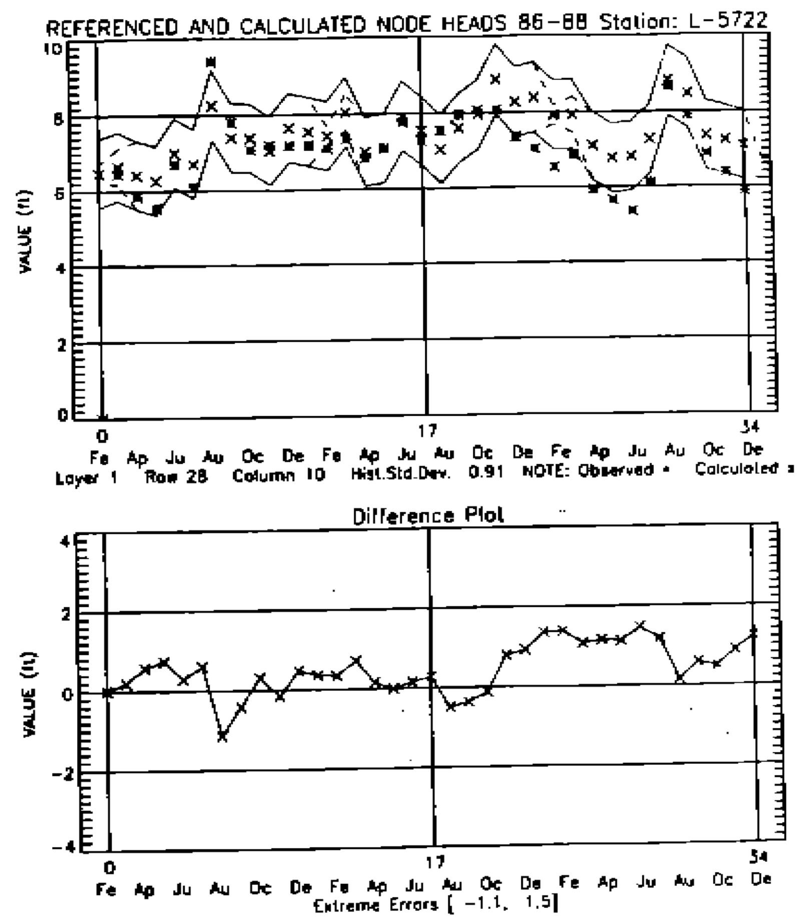

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5665
VALUE (ft)
Layer 1 Row 24 Column 17 Hist.Std.Dev. 1.01 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-0.8, 3.7]

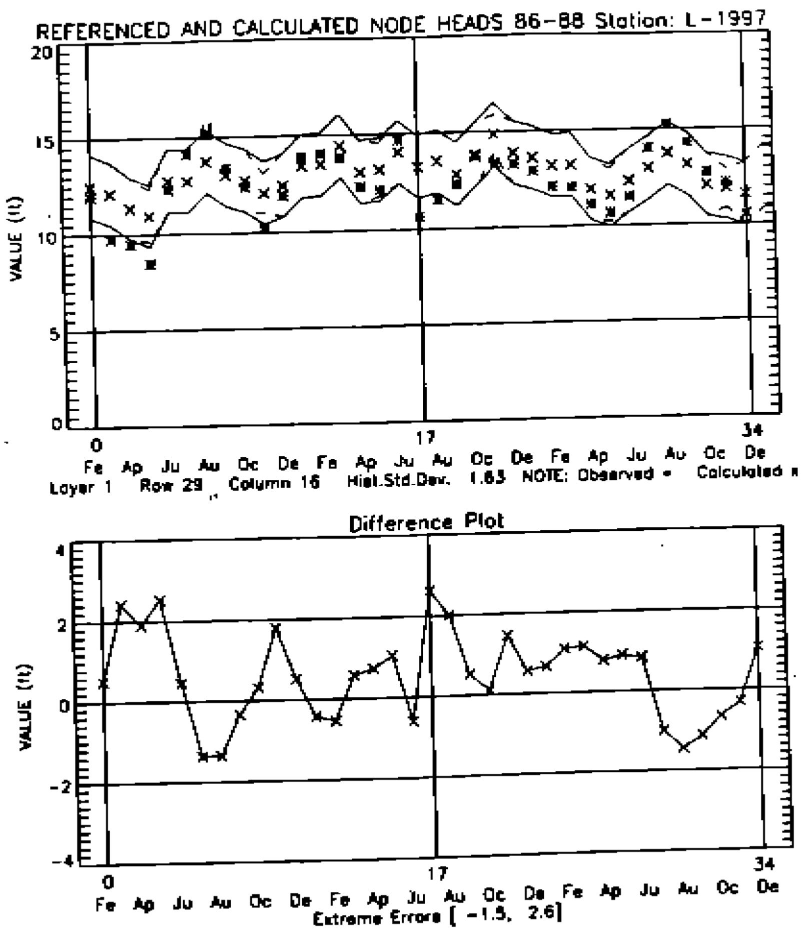

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5669
VALUE (ft)
Layer 1 Row 24 Column 10 Hist.Std.Dev. 1.17 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-3.0, 1.0]

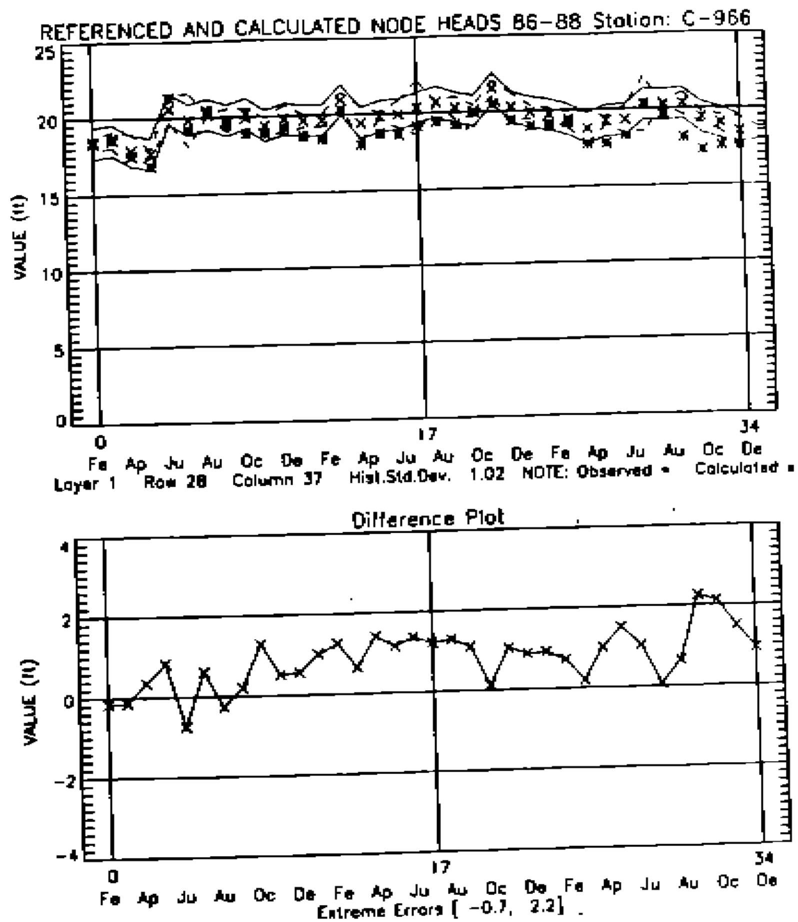

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-981
VALUE (ft)
20
15
10
5
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 27 Column 29 Hist.Std.Dev. 1.10 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
6
4
2
0
-2
-4
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [1.1, 5.3]

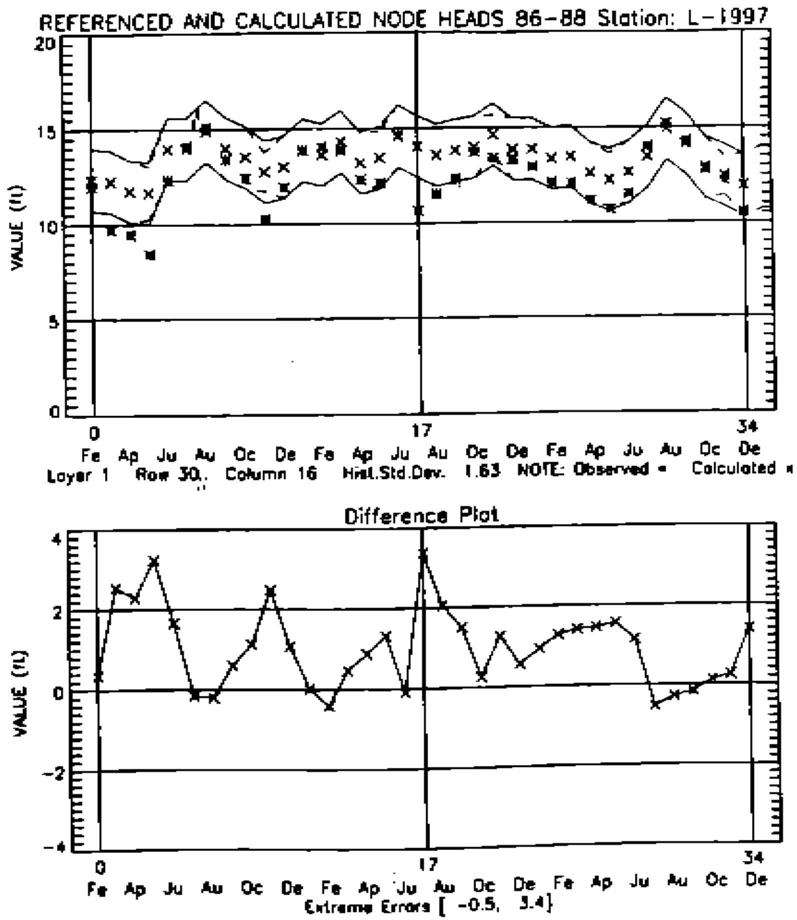

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-131
VALUE (ft)
40
20
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 24 Column 42 Hist.Std.Dev. 1.52 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
4
2
0
-2
-4
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-0.8, 3.7]

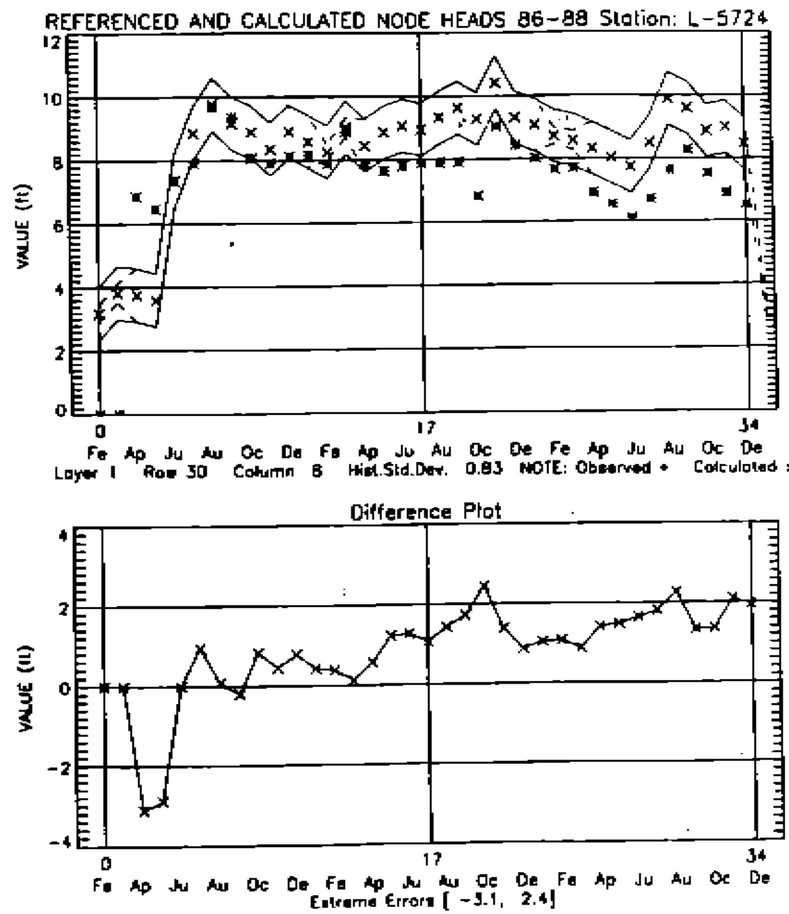

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-978
VALUE (ft)
Layer 1 Row 28 Column 21 Hist.Std.Dev. 1.11 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.5, 1.8]

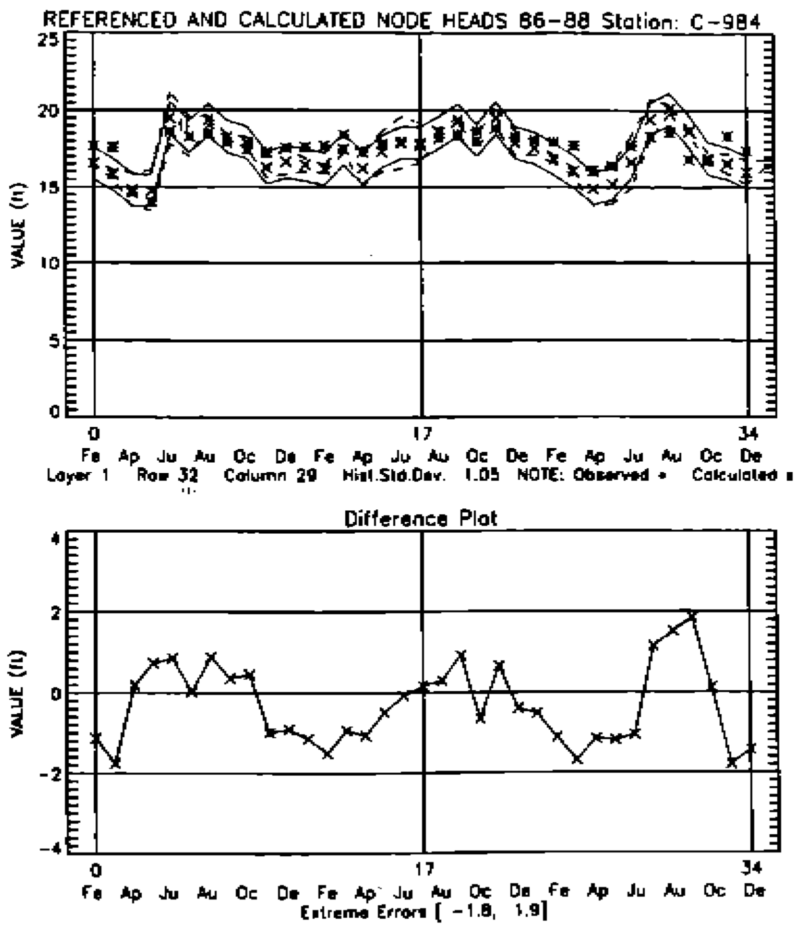

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5722
VALUE (ft)
Layer 1 Row 28 Column 10 Hist.Std.Dev. 0.91 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-1.1, 1.5]

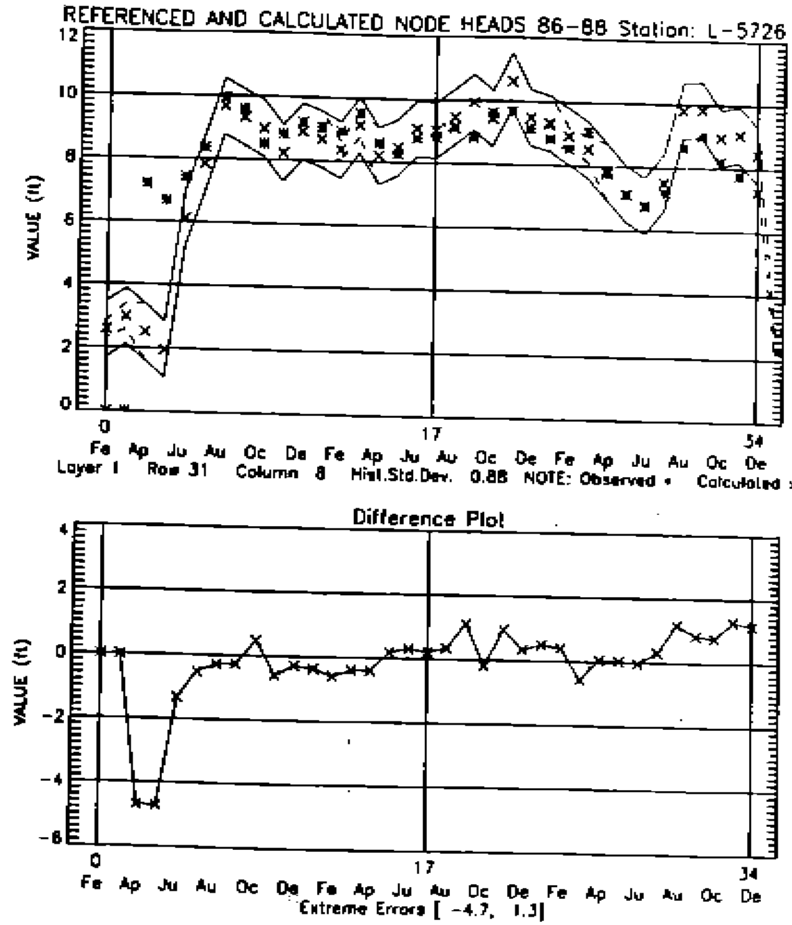

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1997
VALUE (ft)
Layer 1 Row 29 Column 16 Hist.Std.Dev. 1.63 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-1.5, 2.6]

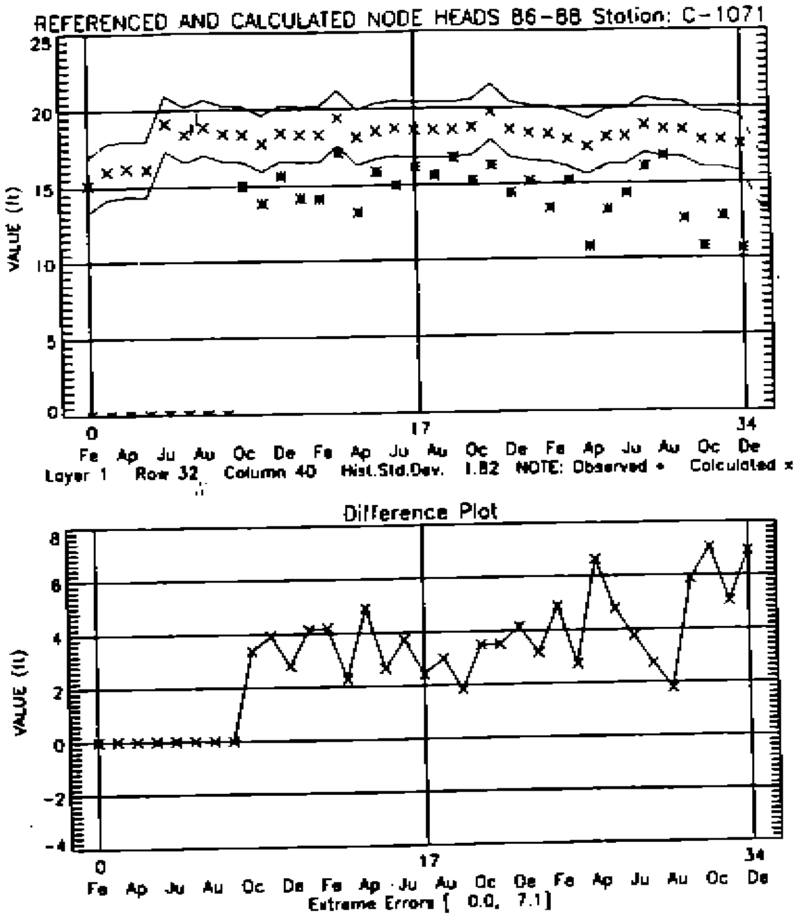

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-966
VALUE (ft)
Layer 1 Row 28 Column 37 Hist.Std.Dev. 1.02 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-0.7, 2.2]

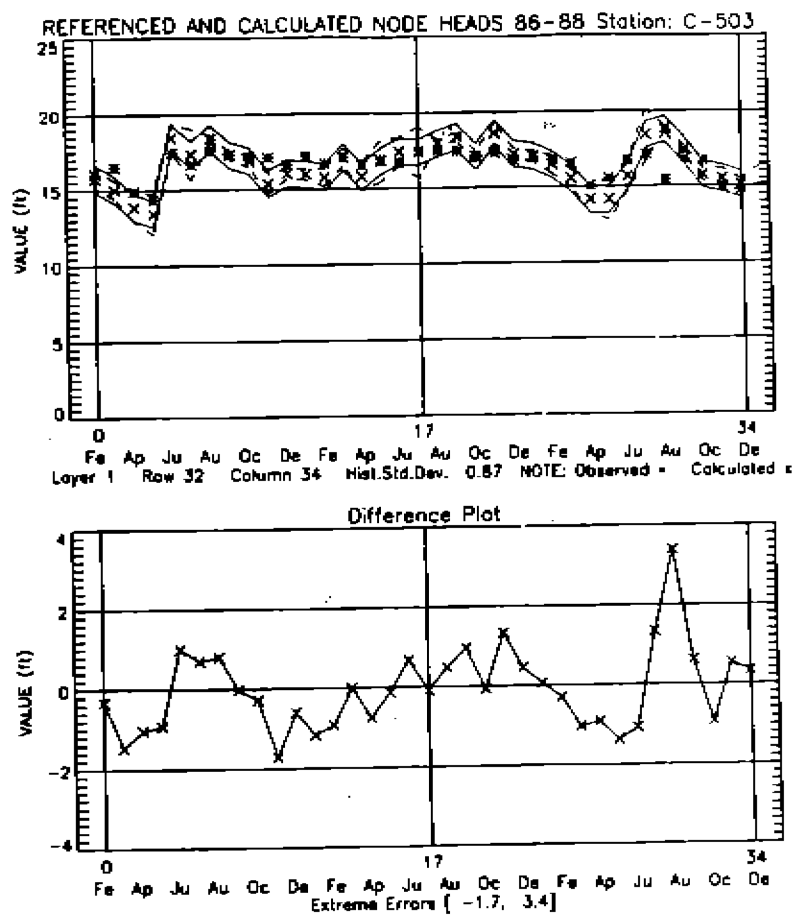

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1997
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 30 Column 16 Hist.Std.Dev. 1.63 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-0.5, 3.4]

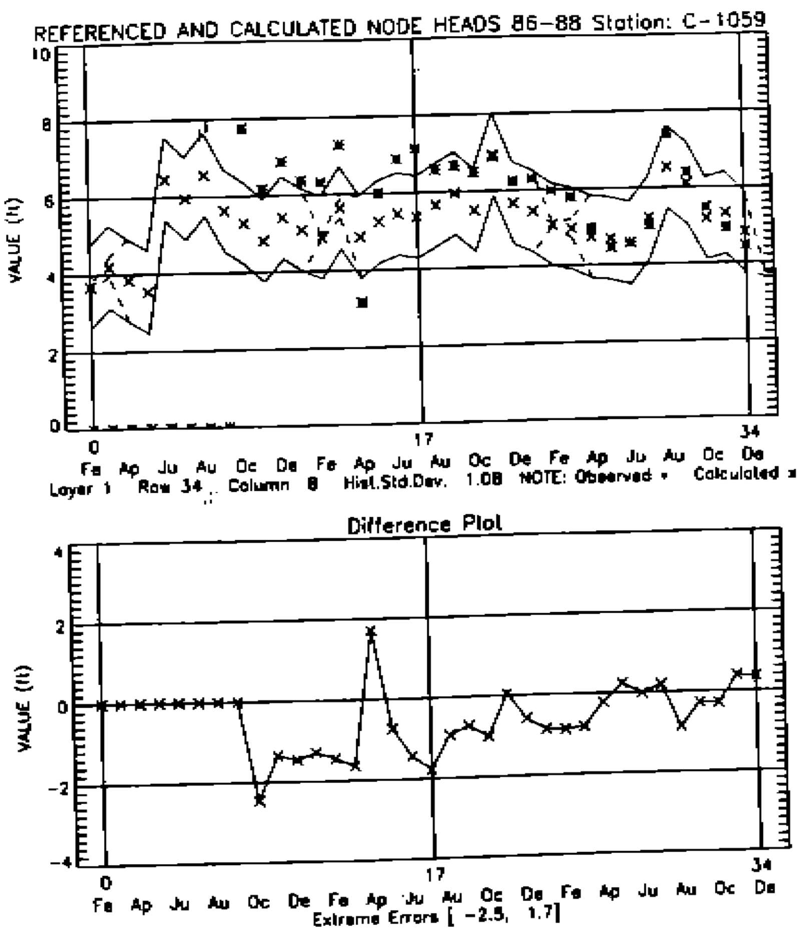

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5724
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 30 Column 8 Hist.Std.Dev. 0.83 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-3.1, 2.4]

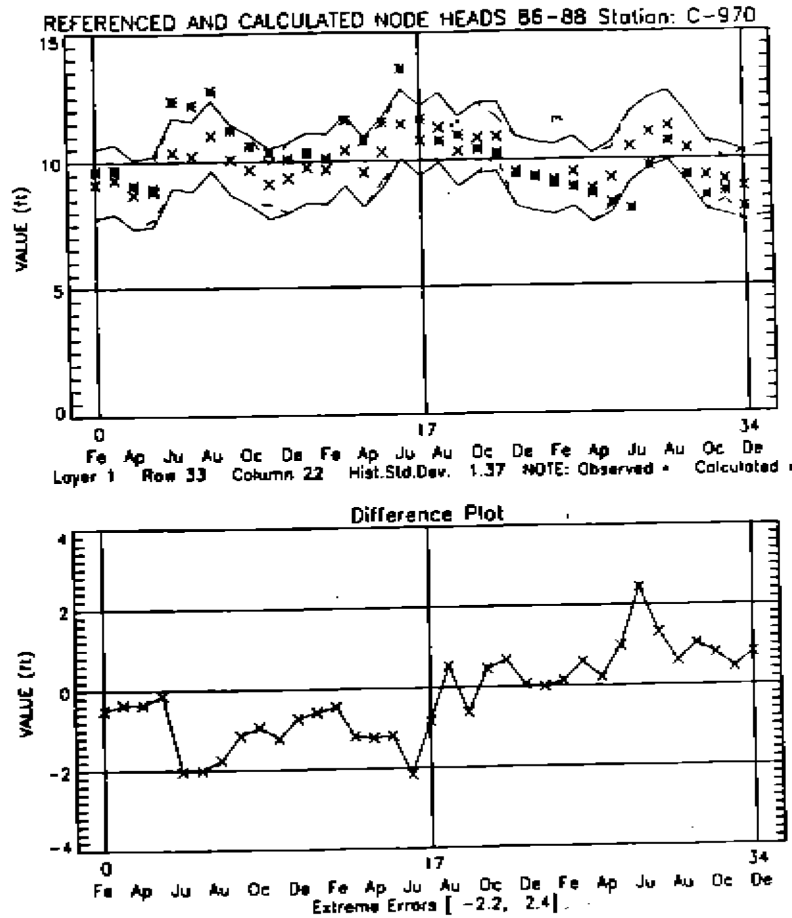

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-984
VALUE (ft)
25
20
15
10
5
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 32 Column 29 Hist.Std.Dev. 1.05 NOTE: Observed • Calculated x
Difference Plot
VALUE (ft)
4
2
0
-2
-4
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-1.8, 1.9]

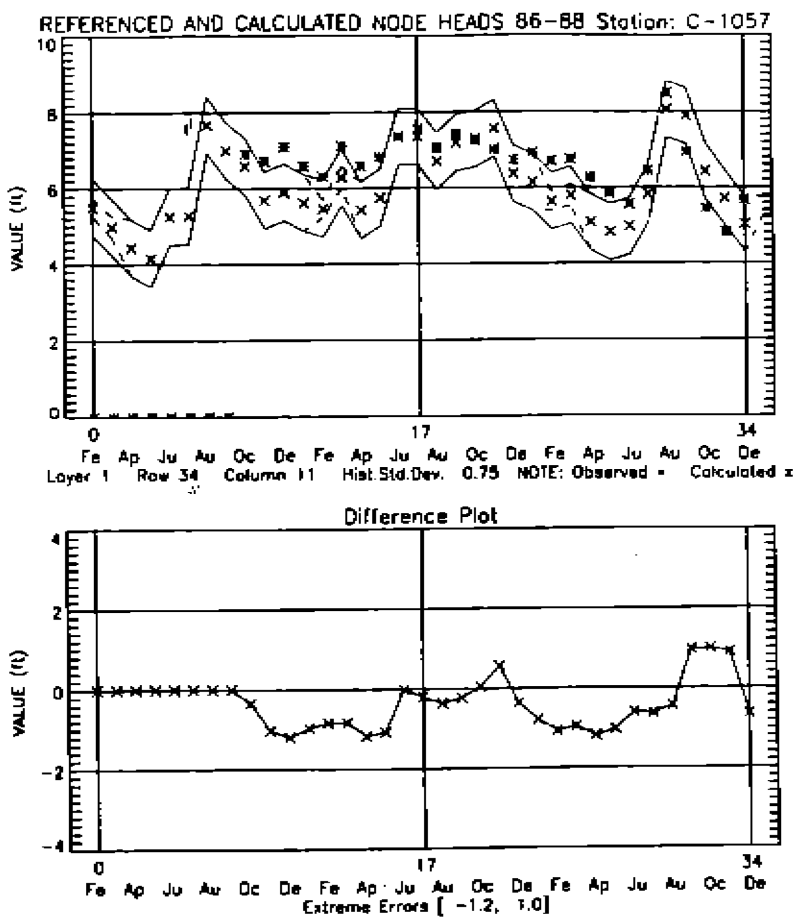

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5726
VALUE (ft)
12
10
8
6
4
2
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 31 Column 8 Hist.Std.Dev. 0.88 NOTE: Observed • Calculated x
Difference Plot
VALUE (ft)
4
2
0
-2
-4
-6
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-4.7, 1.3]

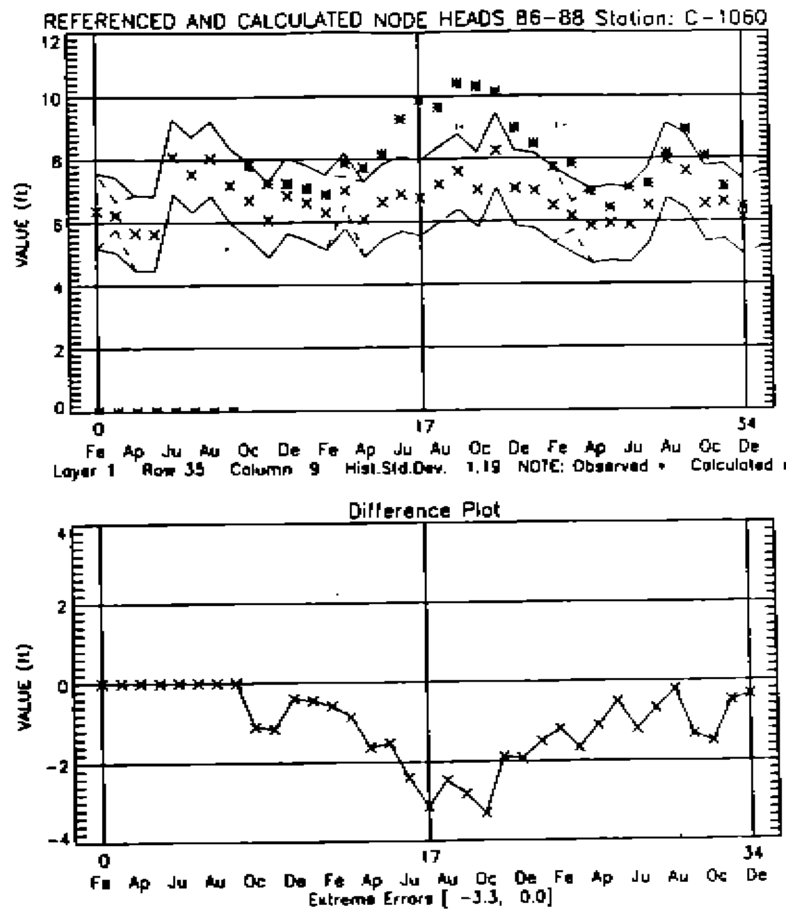

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1071
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 32 Column 40 Hist.Std.Dev. 1.82 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [0.0, 7.1]

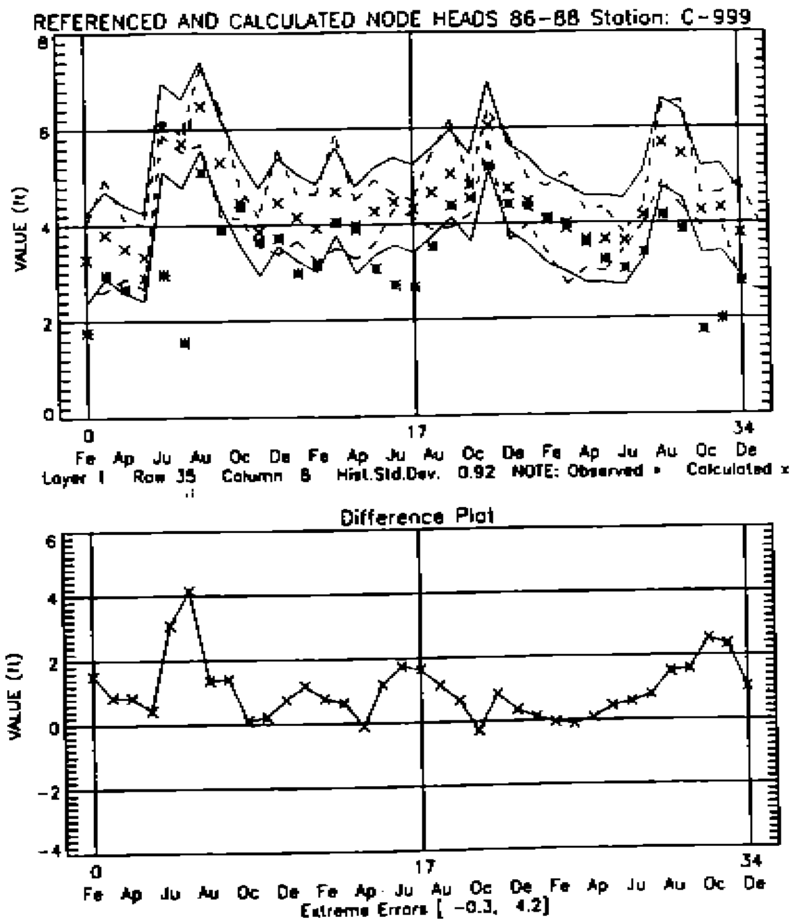

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-503
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 32 Column 34 Hist.Std.Dev. 0.87 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.7, 3.4]

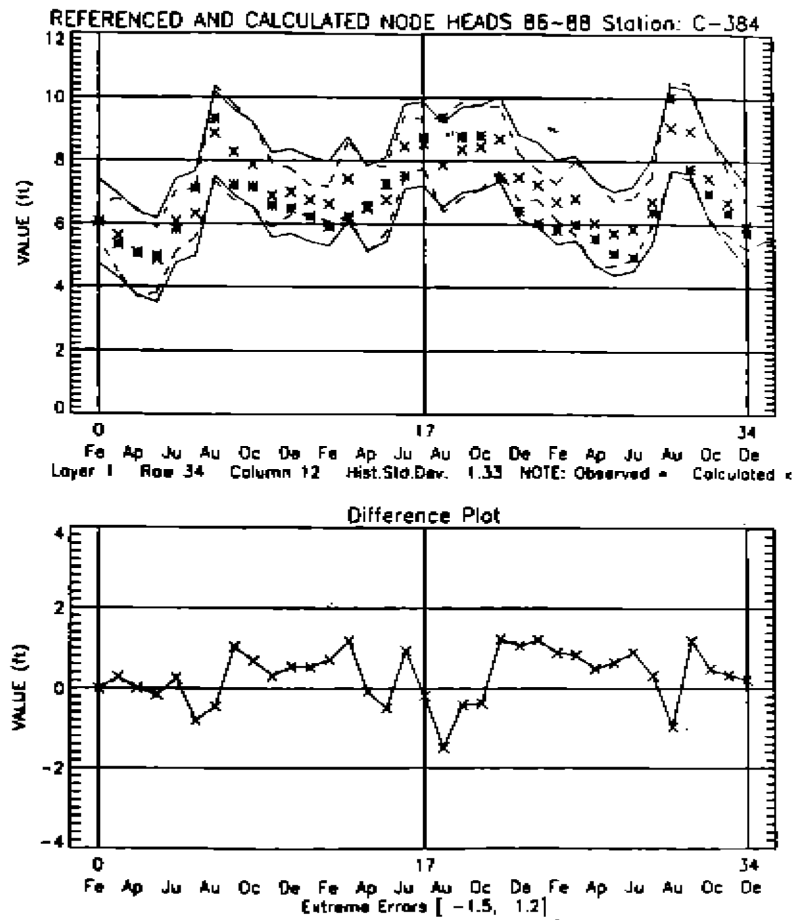

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1059
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 34 Column 8 Hist.Std.Dev. 1.08 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-2.5, 1.7]

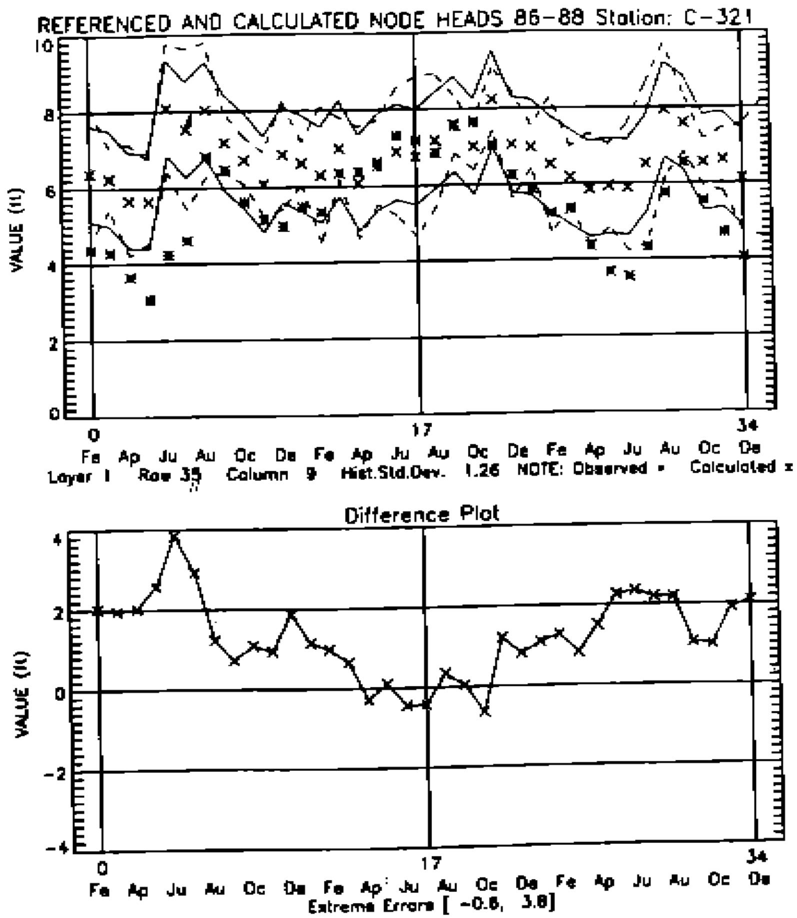

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-970
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 33 Column 22 Hist.Std.Dev. 1.37 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-2.2, 2.4]

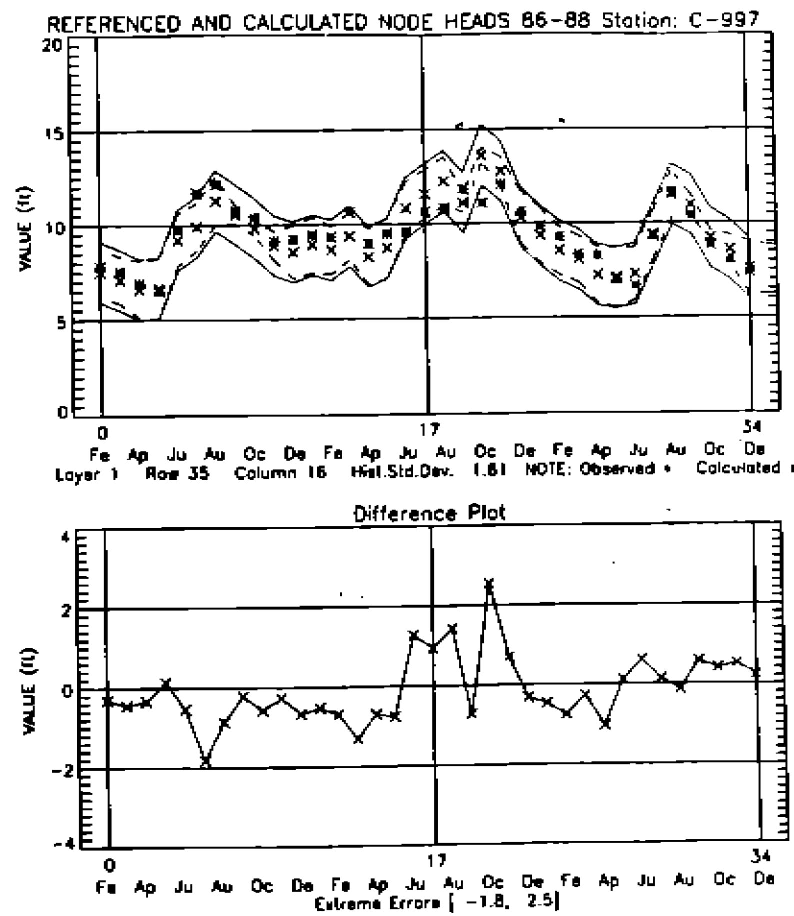

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1057
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 34 Column 11 Hist.Std.Dev. 0.75 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-1.2, 1.0]

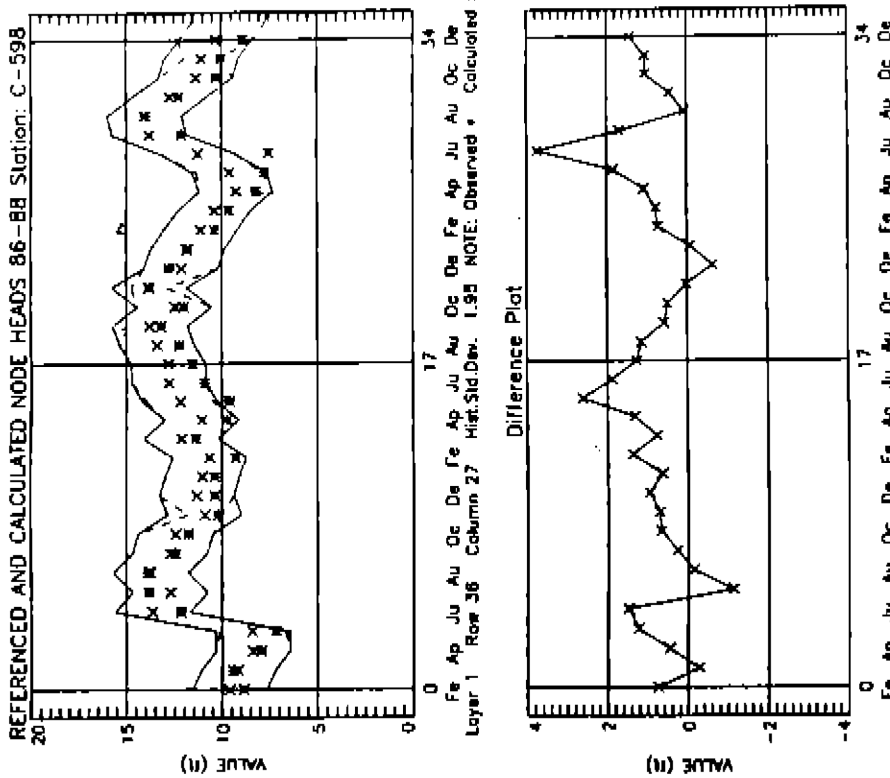

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1060
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 35 Column 9 Hist.Std.Dev. 1.19 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-3.3, 0.0]

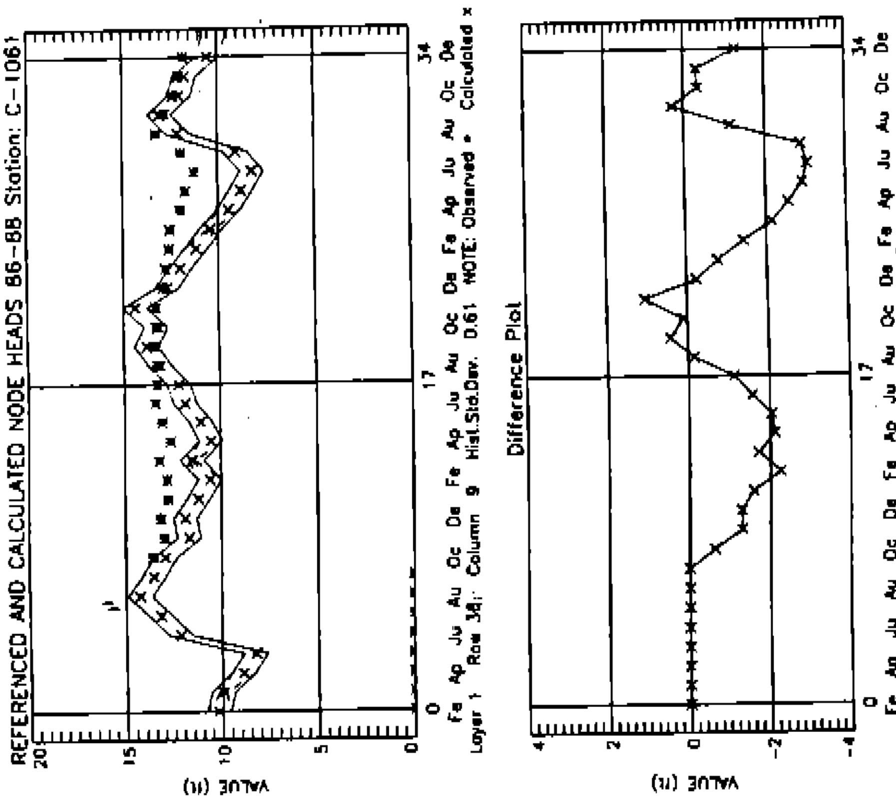

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-999
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer I Row 35 Column 8 Hist.Std.Dev. 0.92 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-0.3, 4.2]

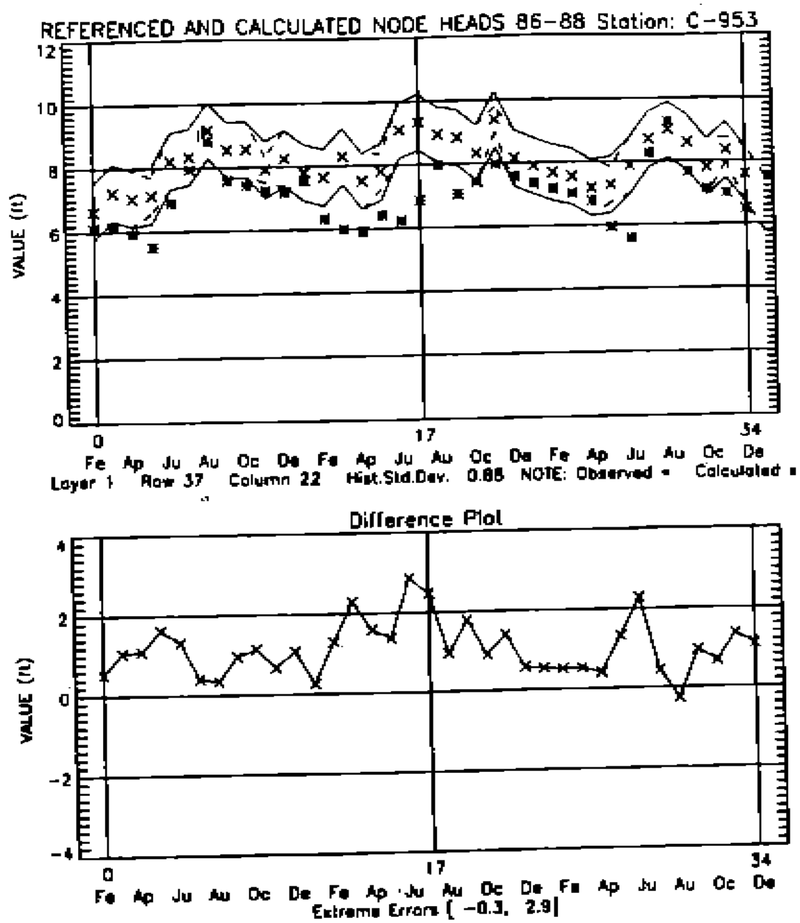

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-384
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer I Row 34 Column 12 Hist.Std.Dev. 1.33 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.5, 1.2]

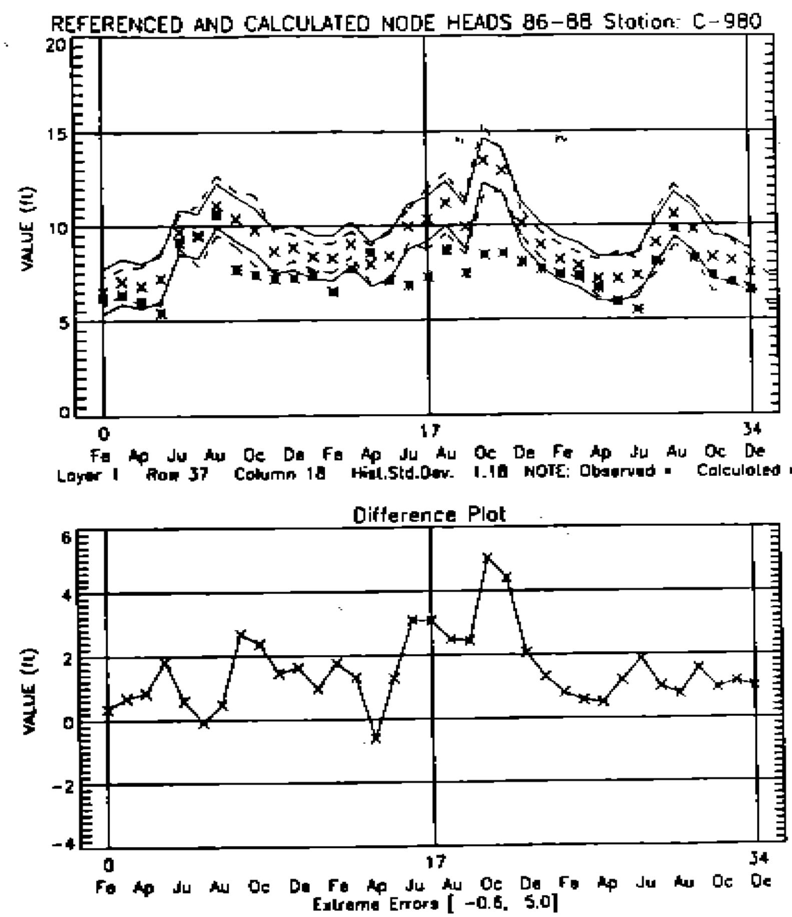

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-321
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 35 Column 9 Hist.Std.Dev. 1.26 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.6, 3.8]

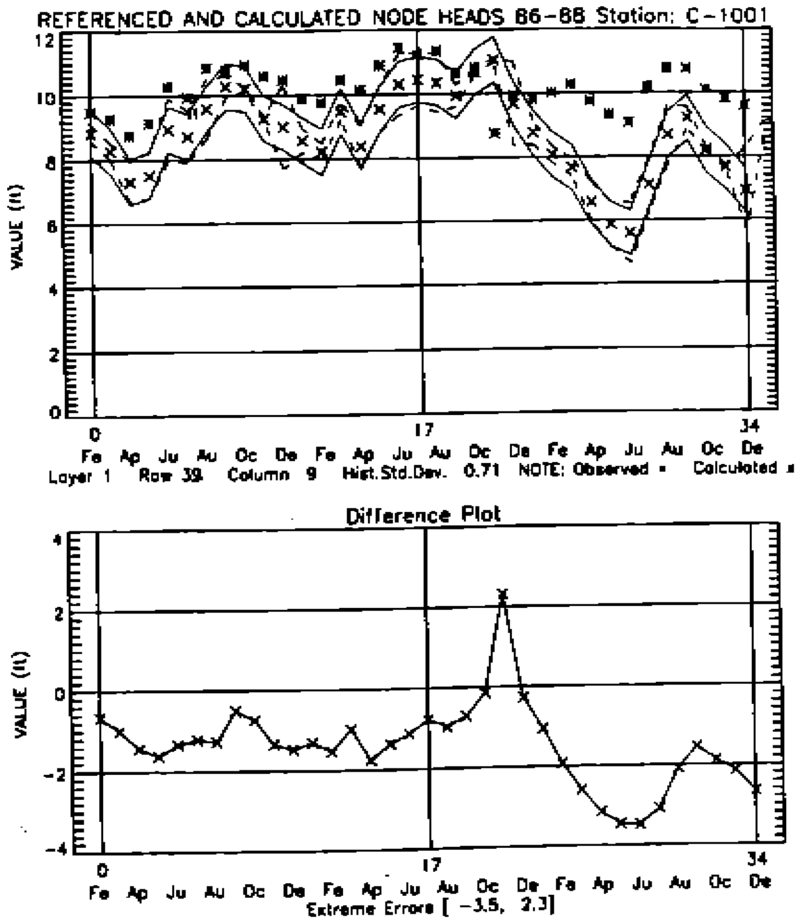

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-997
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 35 Column 16 Hist.Std.Dev. 1.81 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-1.8, 2.5]

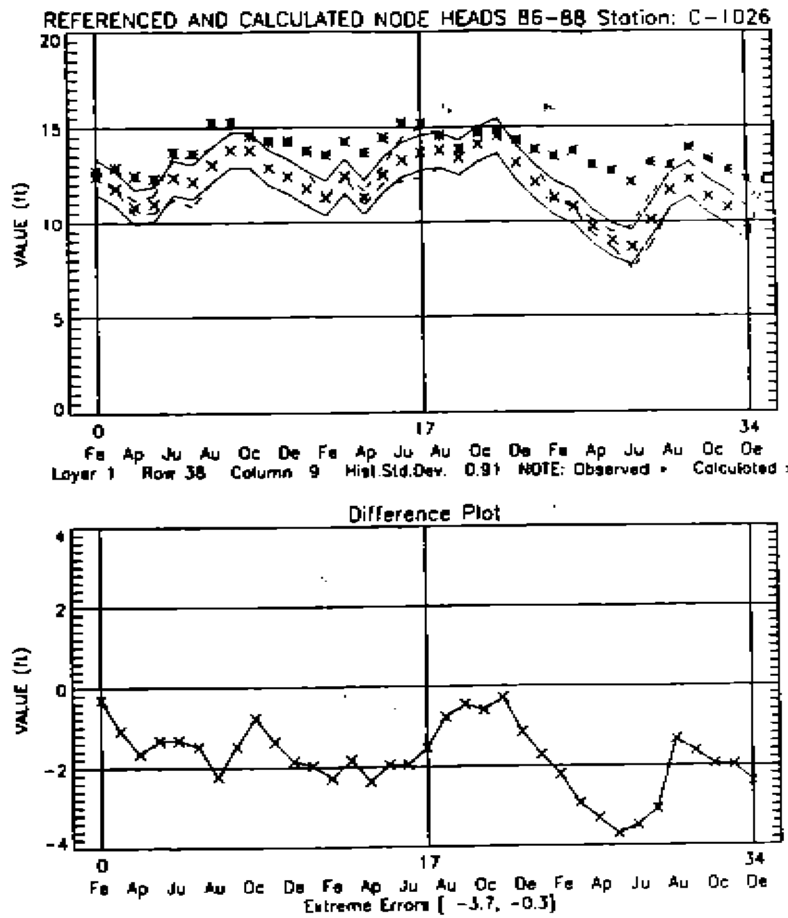

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-598
VALUE (ft)
Layer 1 Row 36 Column 27 Hist.Std.Dev. 1.98 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors (-1.1, 3.8)

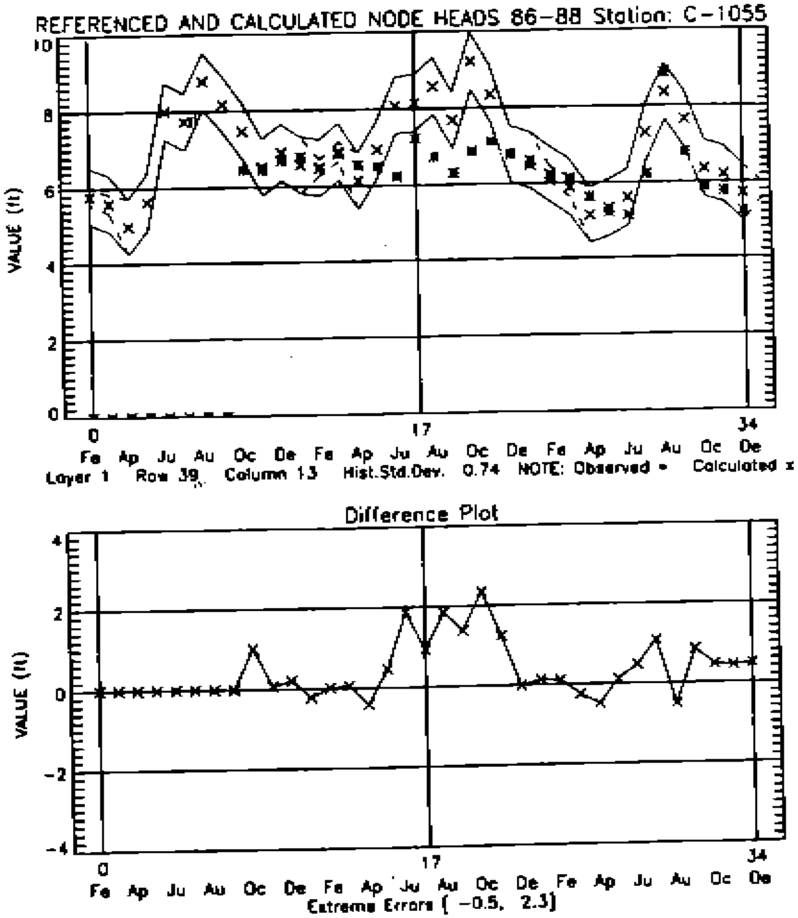

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1061
VALUE (ft)
Layer 1 Row 34; Column 9 Hist.Std.Dev. 0.61 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors (-3.0, 1.1)

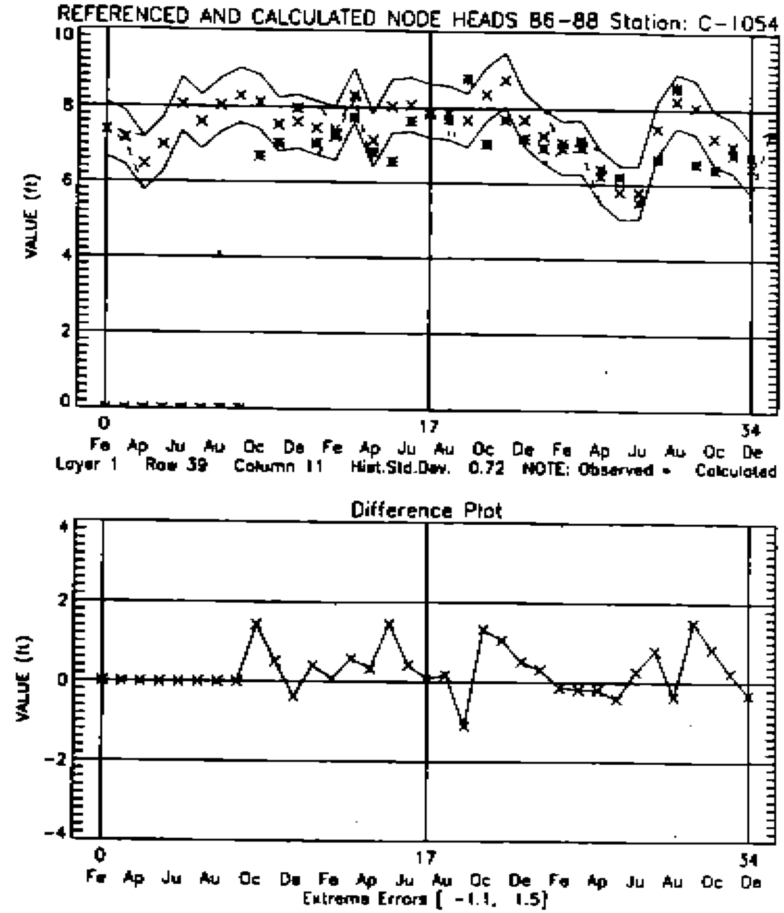

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-953
VALUE (ft)
0 2 4 6 8 10 12
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 37 Column 22 Hist.Std.Dev. 0.88 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
-4 -2 0 2 4
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-0.3, 2.9]

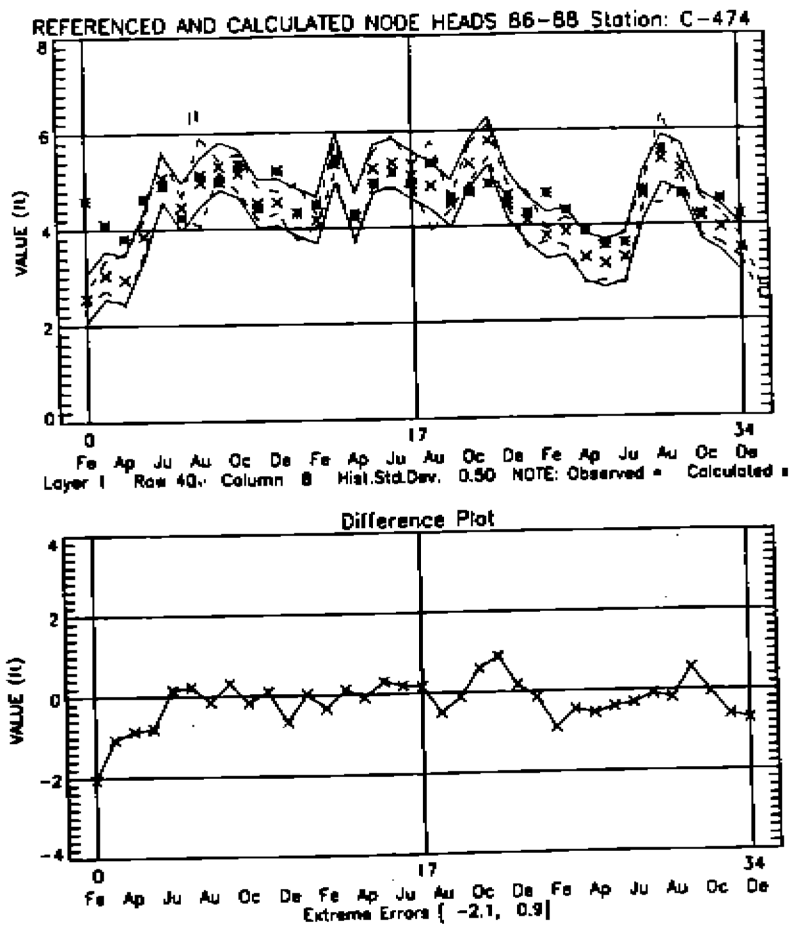

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-980
VALUE (ft)
0 5 10 15 20
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 37 Column 18 Hist.Std.Dev. 1.18 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
-4 -2 0 2 4 6
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-0.6, 5.0]

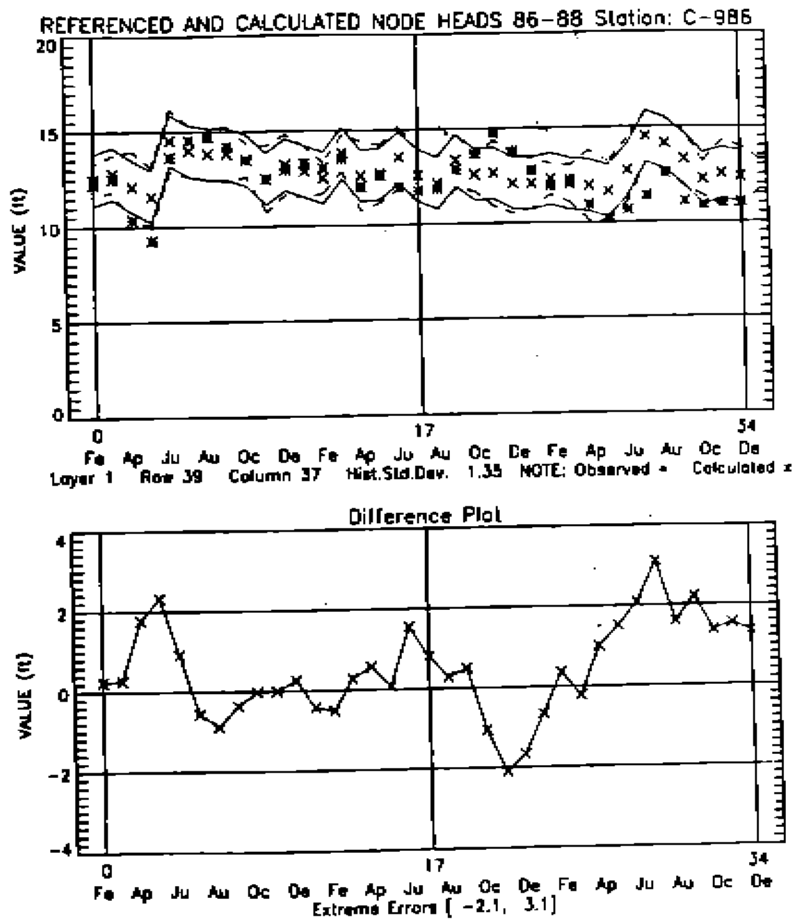

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1001
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 39 Column 9 Hist.Std.Dev. 0.71 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-3.5, 2.3]

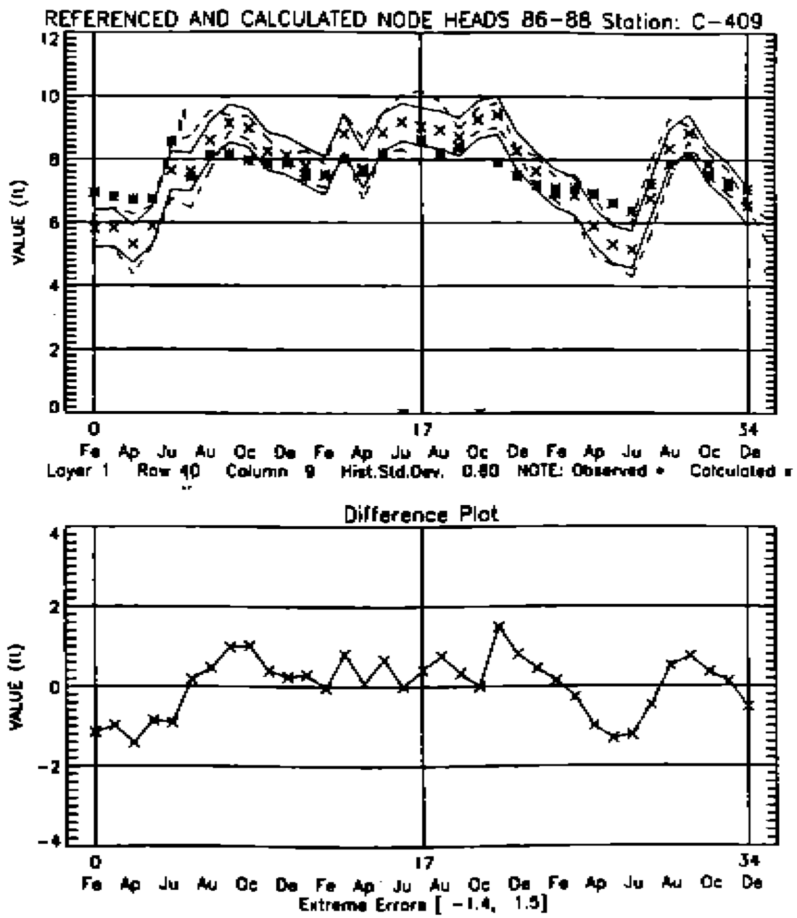

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1026
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 38 Column 9 Hist.Std.Dev. 0.91 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-3.7, -0.3]

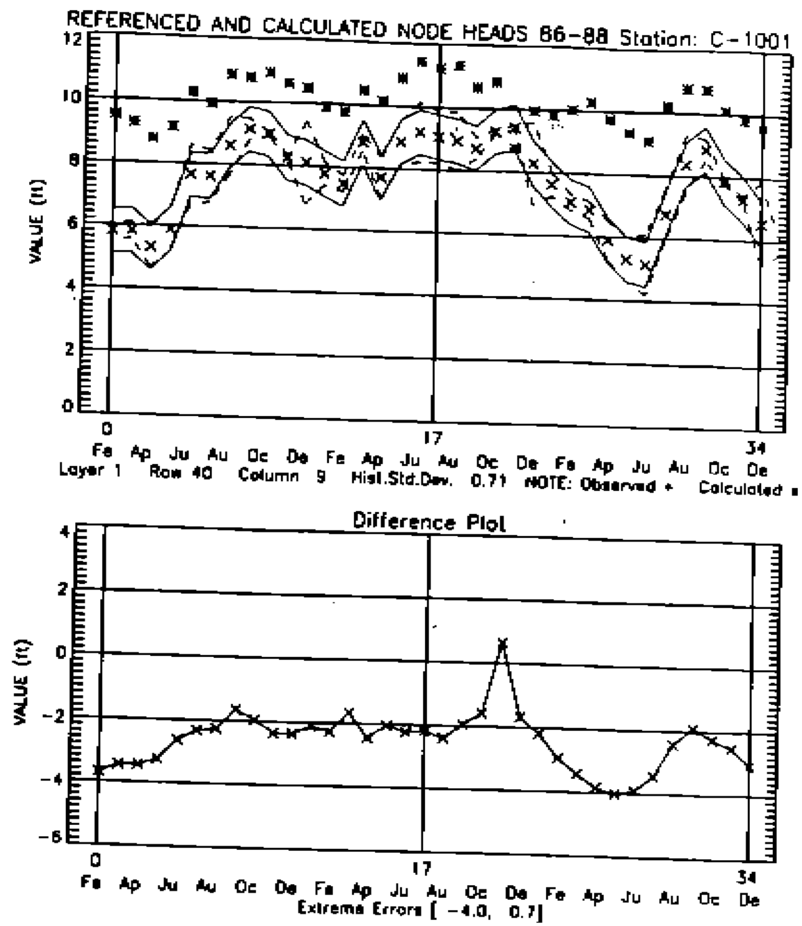

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1055
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 39 Column 13 Hist.Std.Dev. 0.74 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-0.5, 2.3]

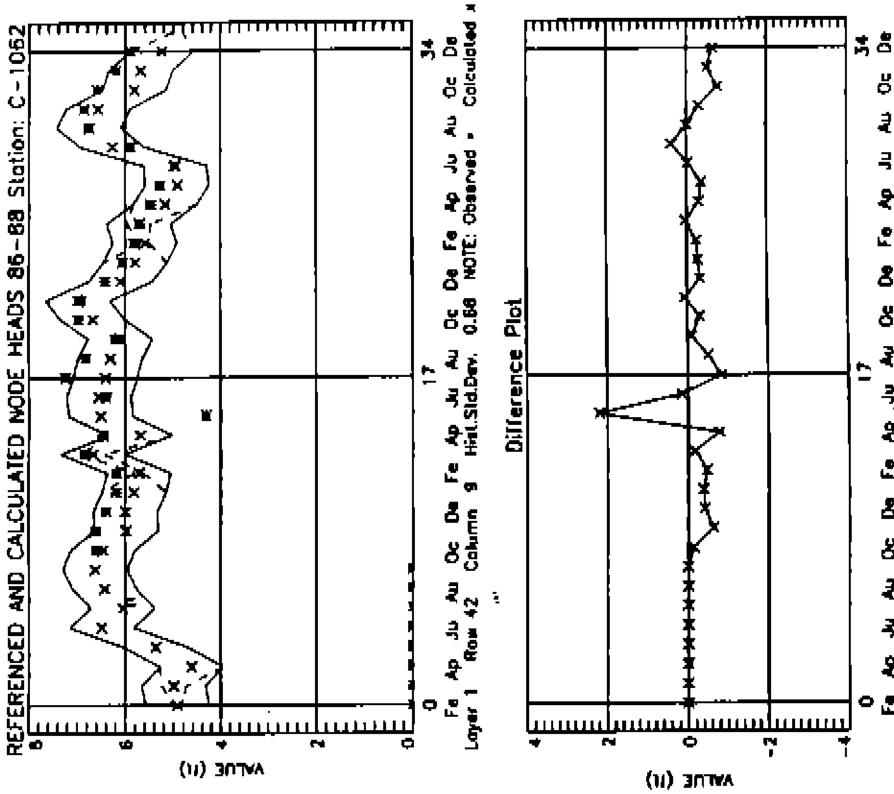

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1054
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 39 Column 11 Hist.Std.Dev. 0.72 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.1, 1.5]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-474
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 40 Column 8 Hist.Std.Dev. 0.50 NOTE: Observed = Calculated x
Difference Plot
Extreme Errors [-2.1, 0.9]

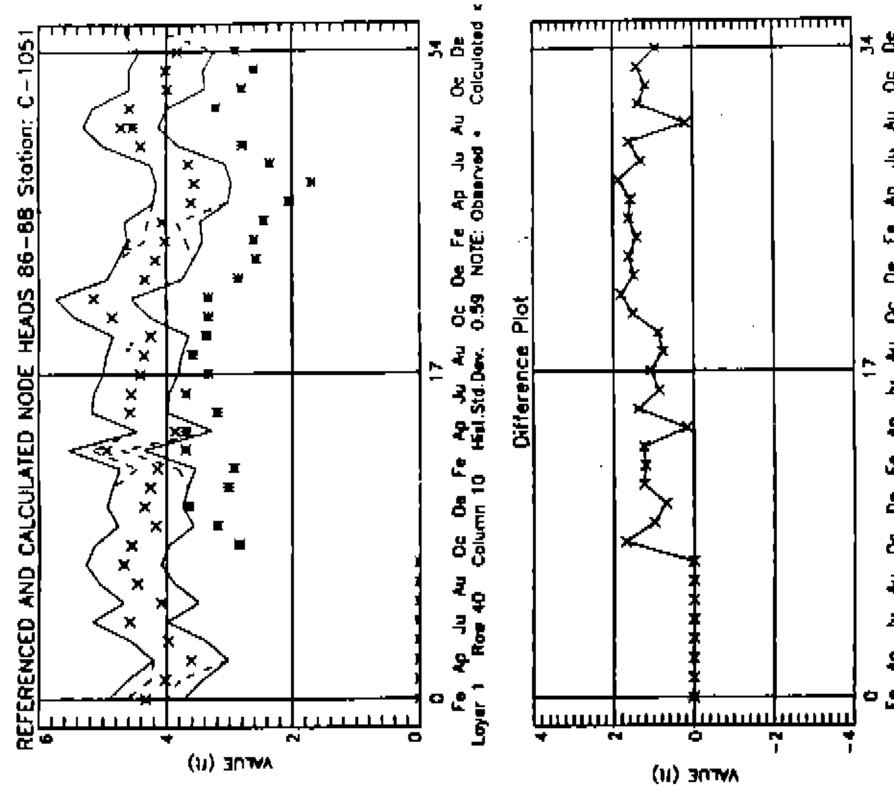

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-986
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 39 Column 37 Hist.Std.Dev. 1.35 NOTE: Observed = Calculated x
Difference Plot
Extreme Errors [-2.1, 3.1]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-409
VALUE (ft)
12
10
8
6
4
2
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 40 Column 9 Hist.Std.Dev. 0.80 NOTE: Observed * Calculated x
Difference Plot
-2
-4
Extreme Errors [-1.4, 1.5]

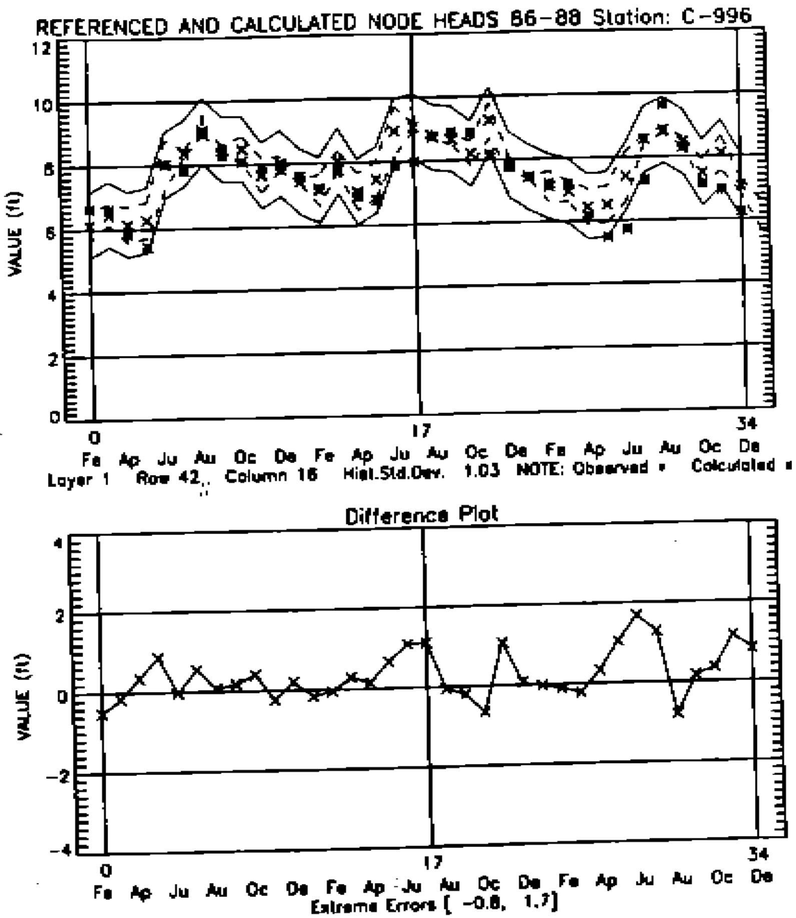

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1001
VALUE (ft)
12
10
8
6
4
2
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 40 Column 9 Hist.Std.Dev. 0.71 NOTE: Observed * Calculated x
Difference Plot
-2
-4
-6
Extreme Errors [-4.0, 0.7]

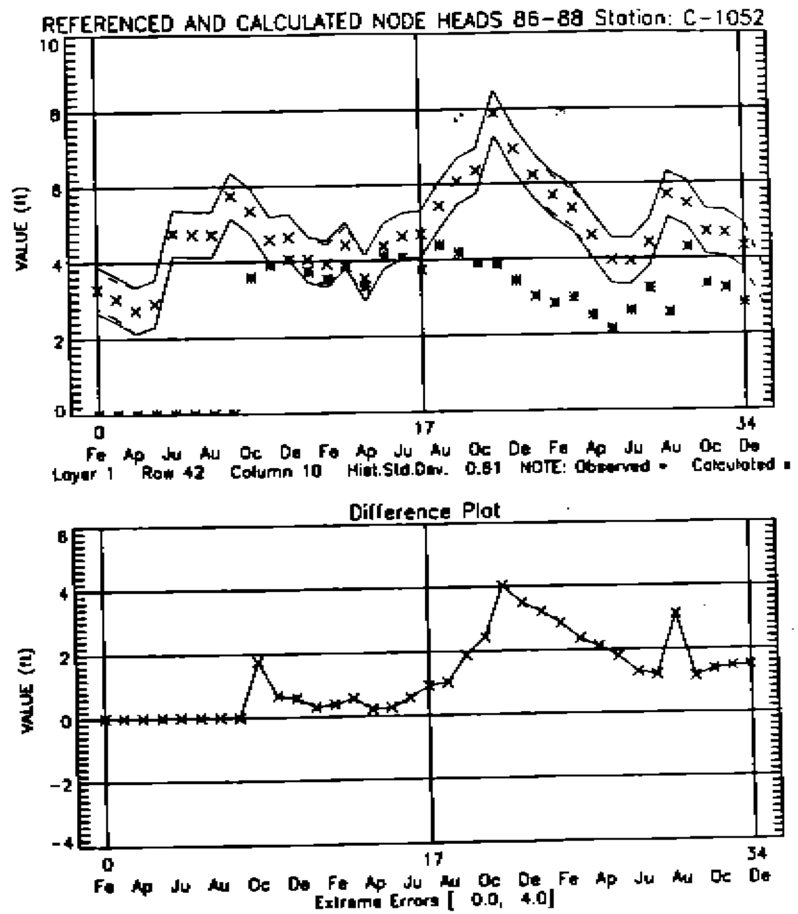


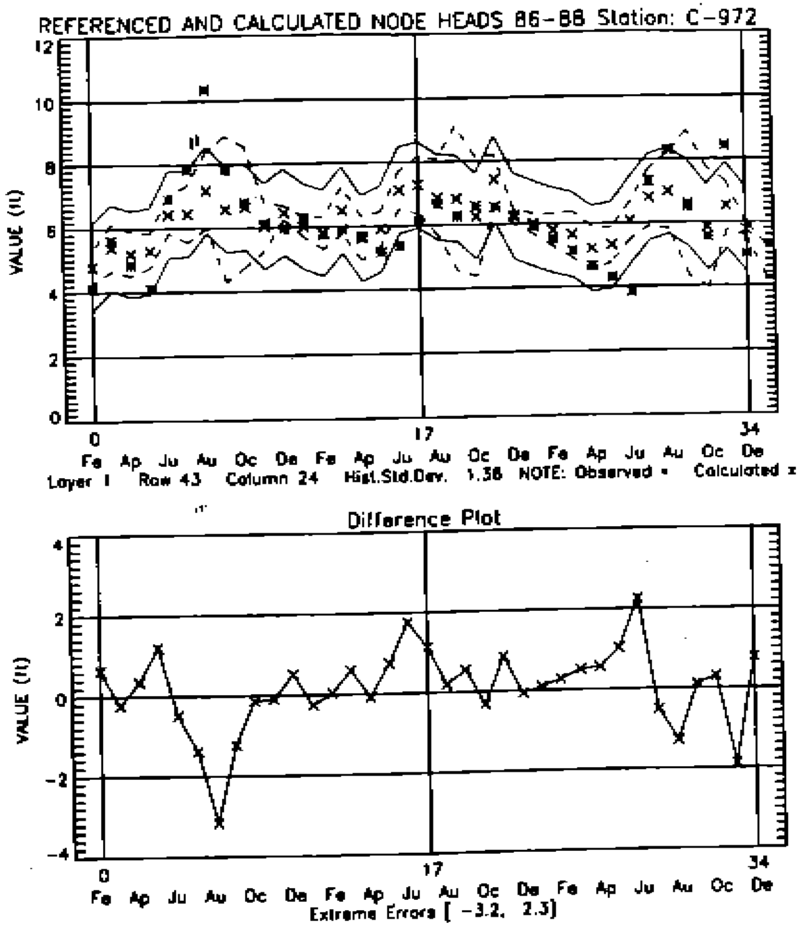
REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1062
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
0 17 34
Layer 1 Row 42 Column 9 Hist.Std.Dev. 0.68 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-0.8, 2.2]

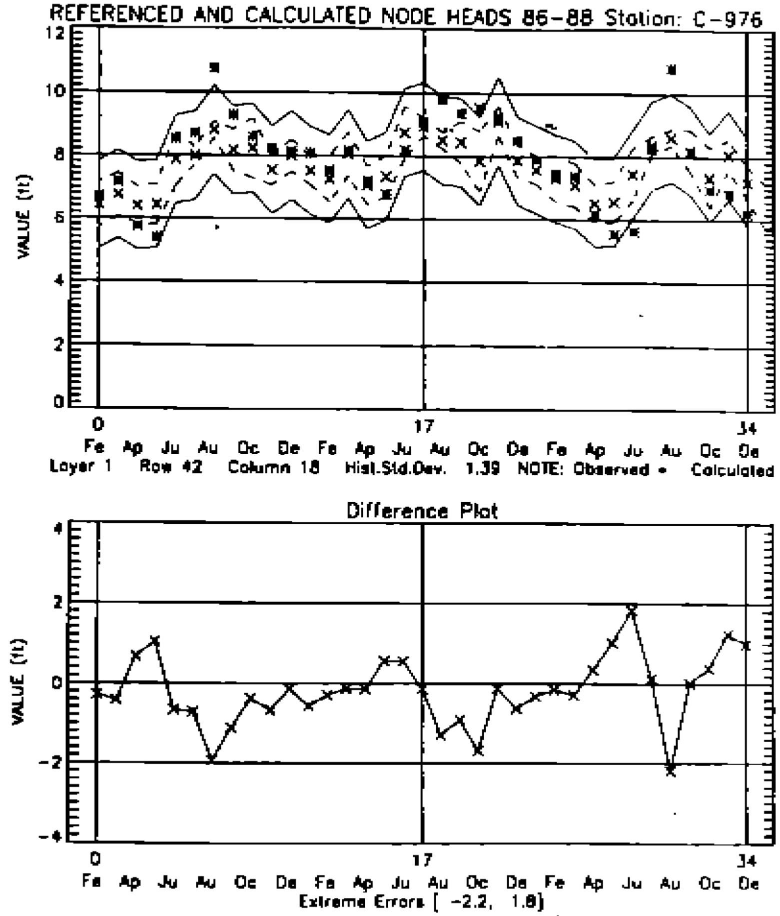


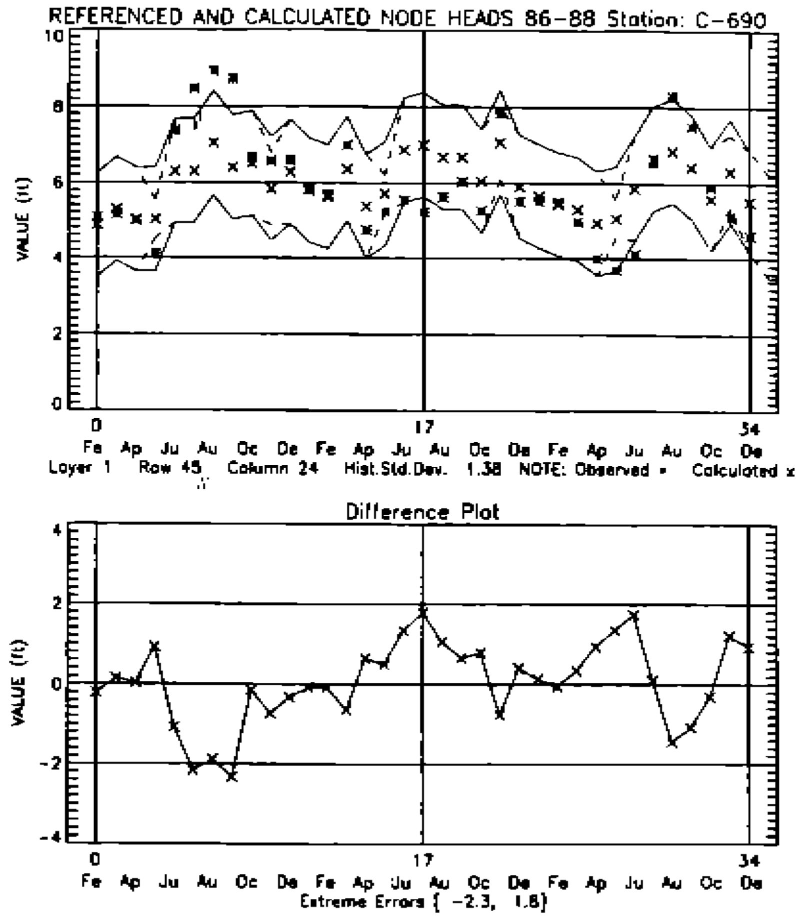
REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1051
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
0 17 34
Layer 1 Row 40 Column 10 Hist.Std.Dev. 0.59 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [0.0, 1.9]

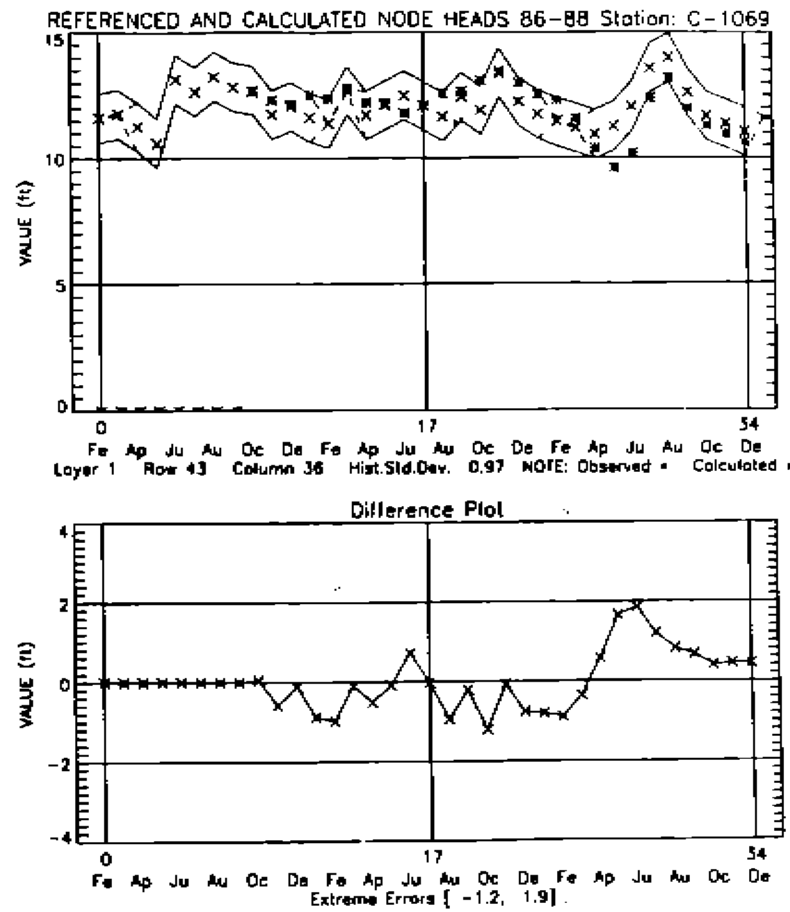

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-996
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 42 Column 16 Hist.Std.Dev. 1.03 NOTE: Observed = Calculated =
Difference Plot
Extreme Errors [-0.8, 1.7]

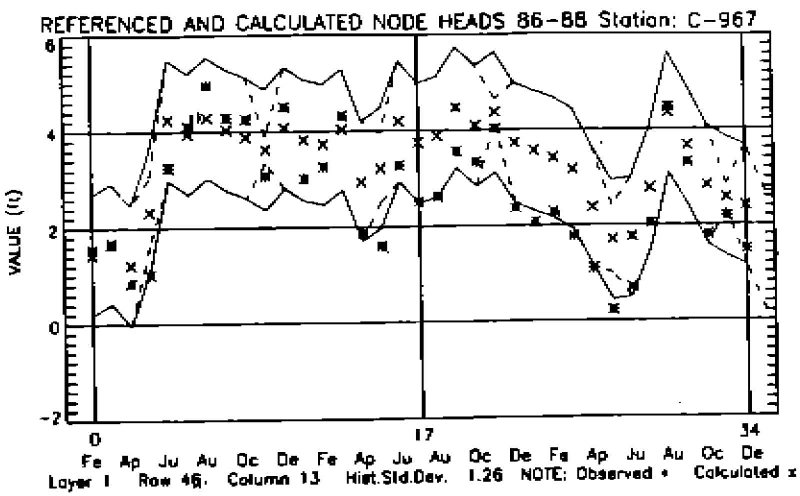

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1052
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 42 Column 10 Hist.Std.Dev. 0.81 NOTE: Observed = Calculated =
Difference Plot
Extreme Errors [0.0, 4.0]

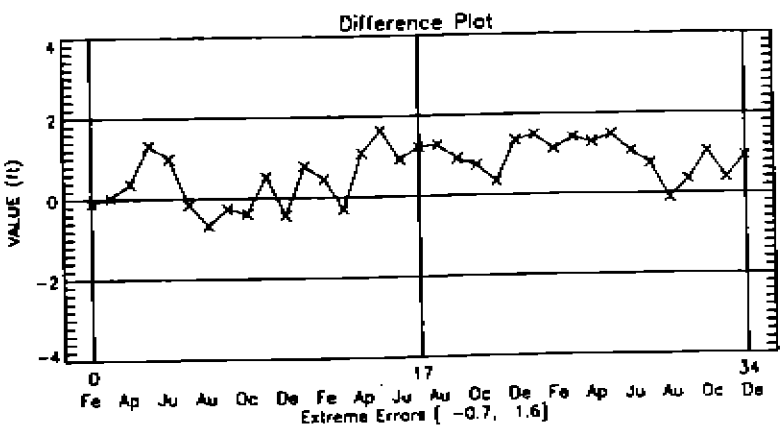

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-972
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 43 Column 24 Hist.Std.Dev. 1.36 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-3.2, 2.3]

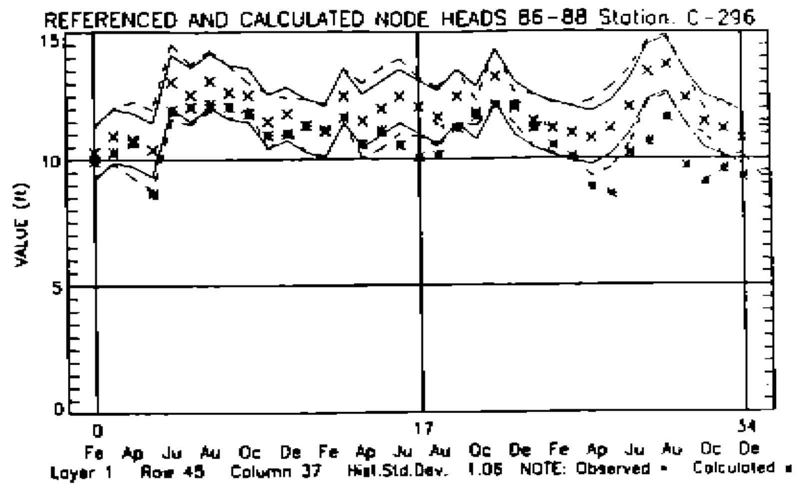

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-976
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 42 Column 18 Hist.Std.Dev. 1.39 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-2.2, 1.8]

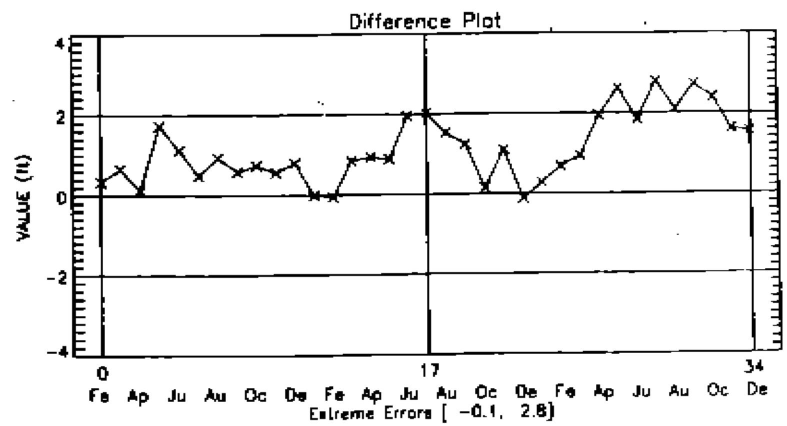

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-690
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 45 Column 24 Hist.Std.Dev. 1.38 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-2.3, 1.8]

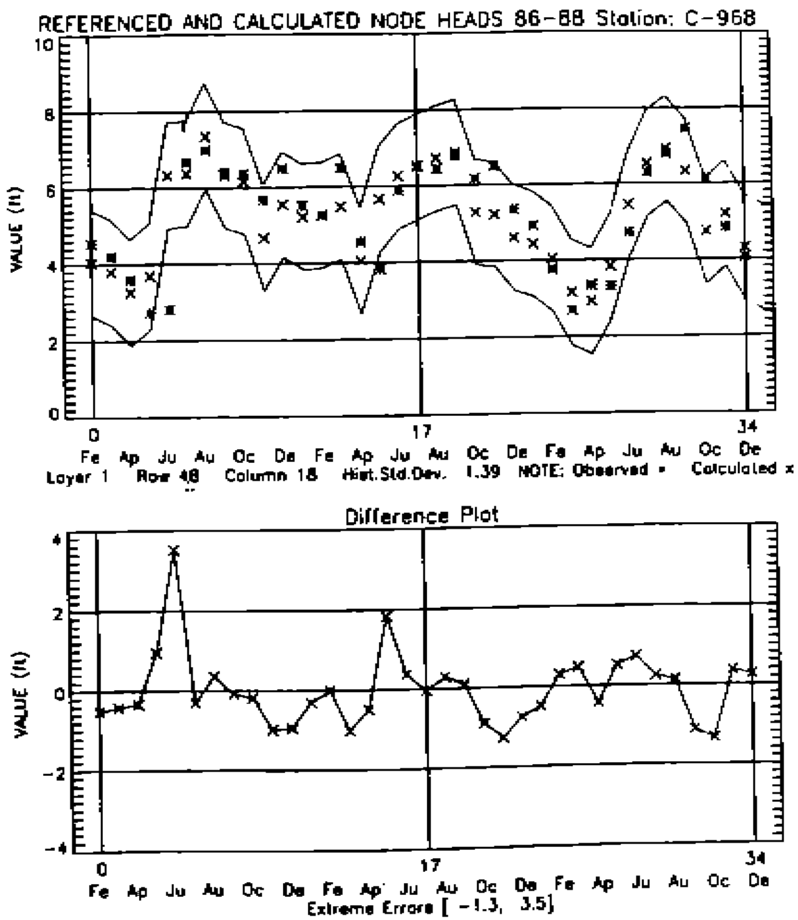

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1069
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 43 Column 36 Hist.Std.Dev. 0.97 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-1.2, 1.9]

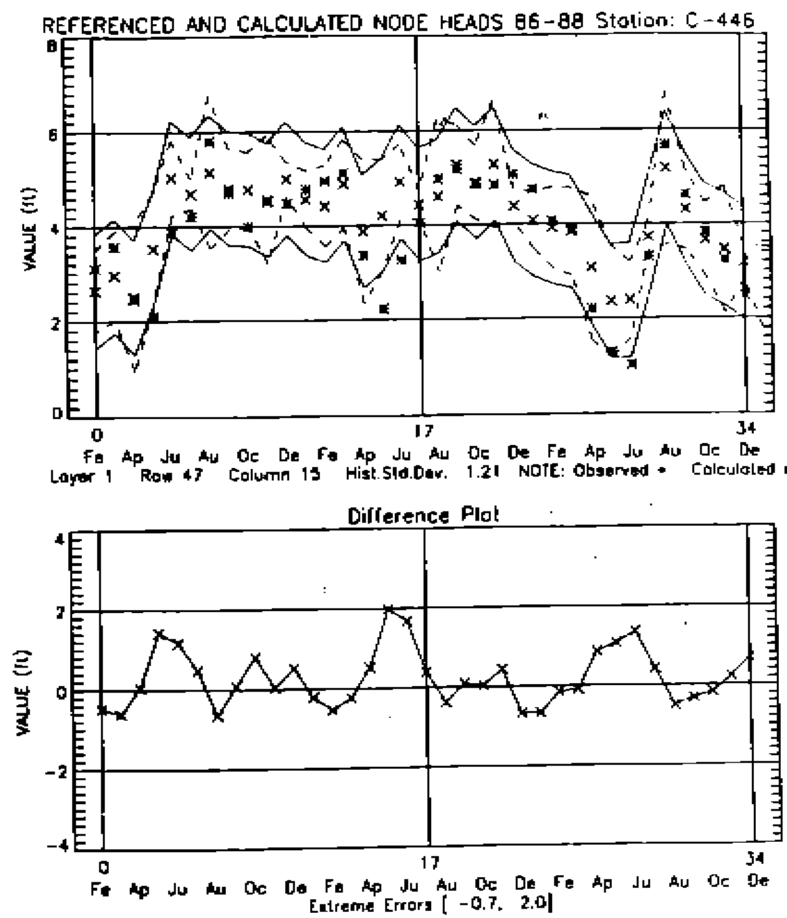

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-967
VALUE (ft)
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 46 Column 13 Hist.Std.Dev. 1.26 NOTE: Observed * Calculated x

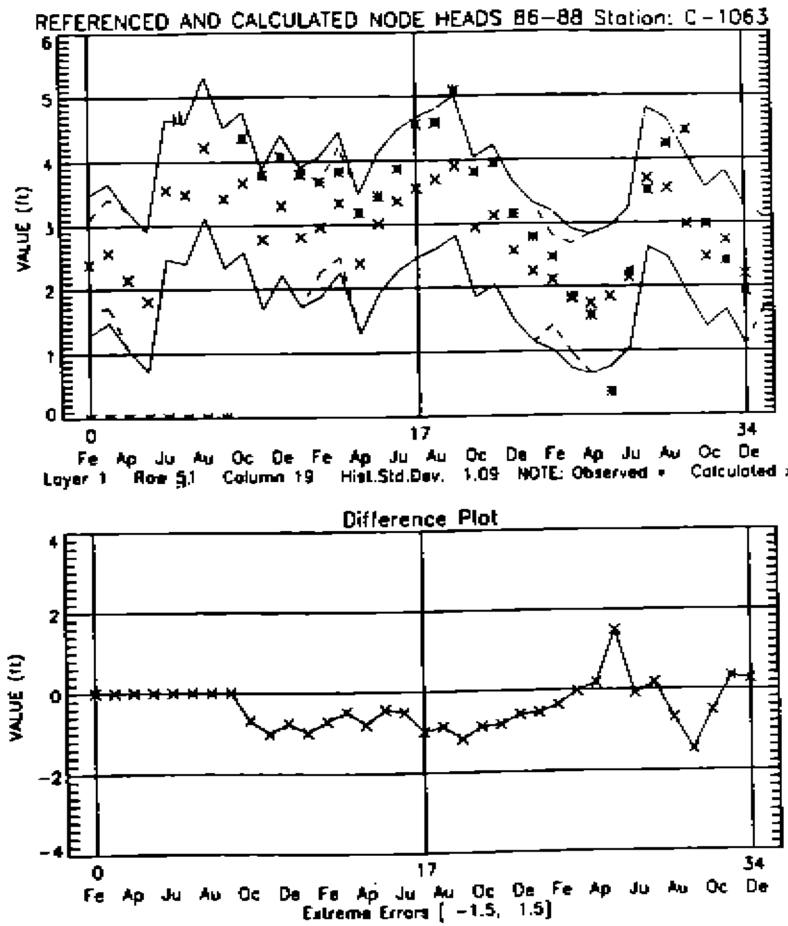

Difference Plot
VALUE (ft)
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-0.7, 1.6]

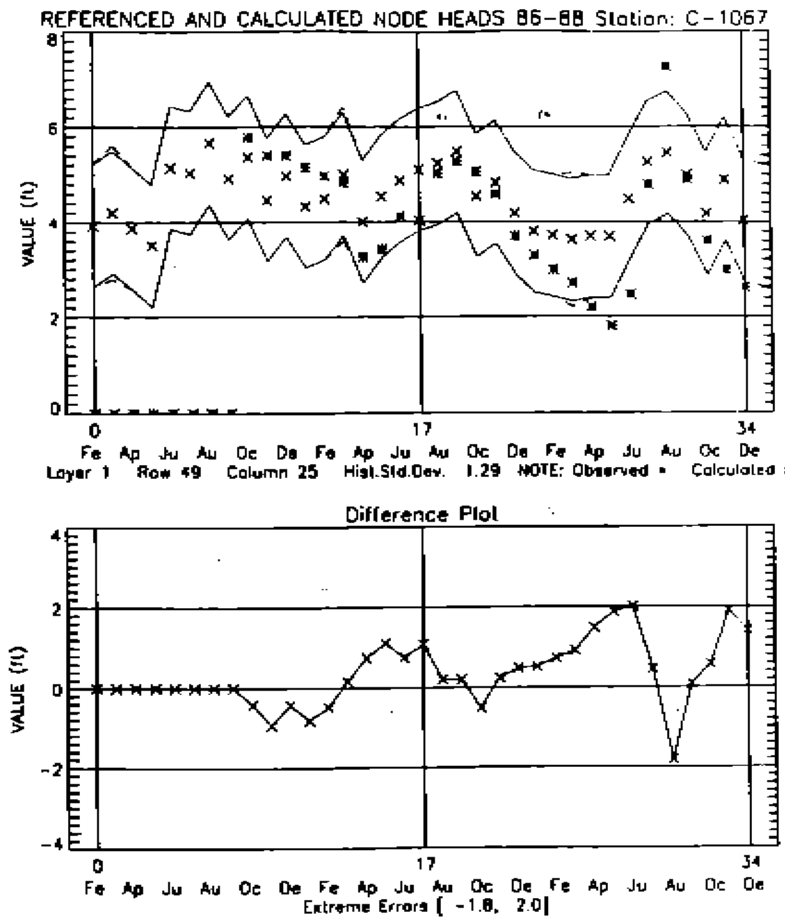

REFERENCED AND CALCULATED NODE HEADS 86-88 Station. C-296
VALUE (ft)
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 45 Column 37 Hist.Std.Dev. 1.06 NOTE: Observed * Calculated x

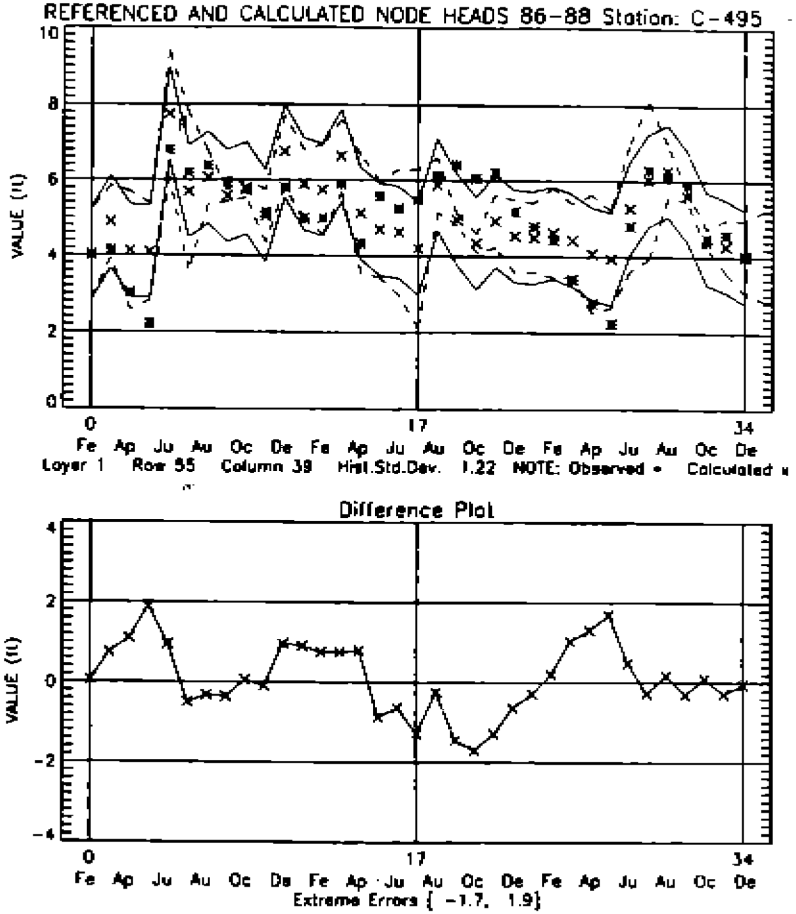

Difference Plot
VALUE (ft)
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-0.1, 2.8]

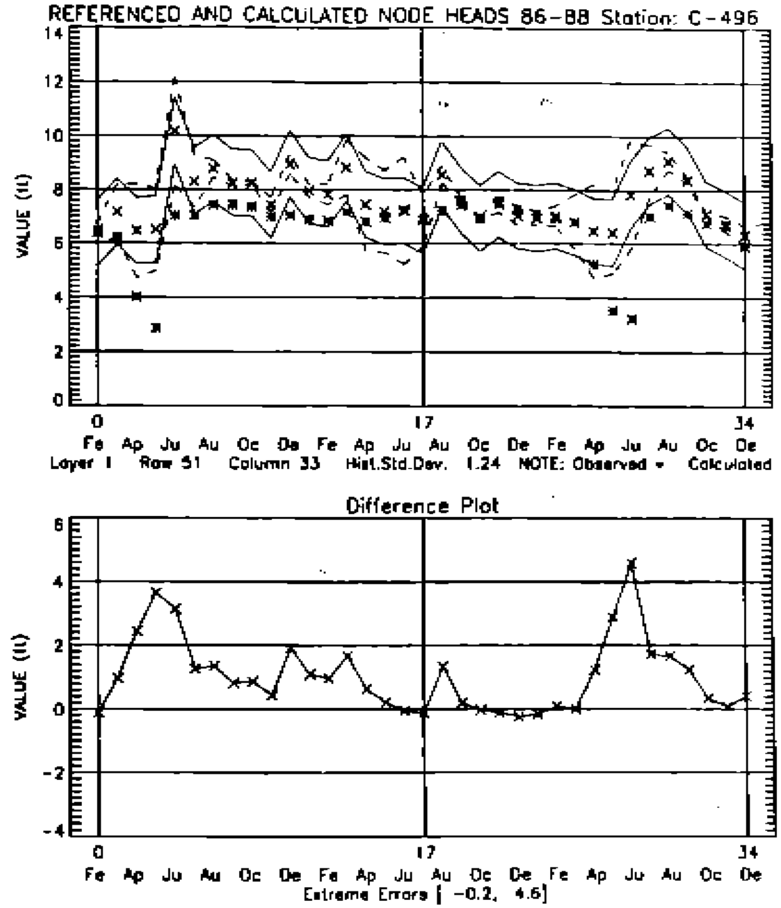

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-968
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 48 Column 18 Hist.Std.Dev. 1.39 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-1.3, 3.5]

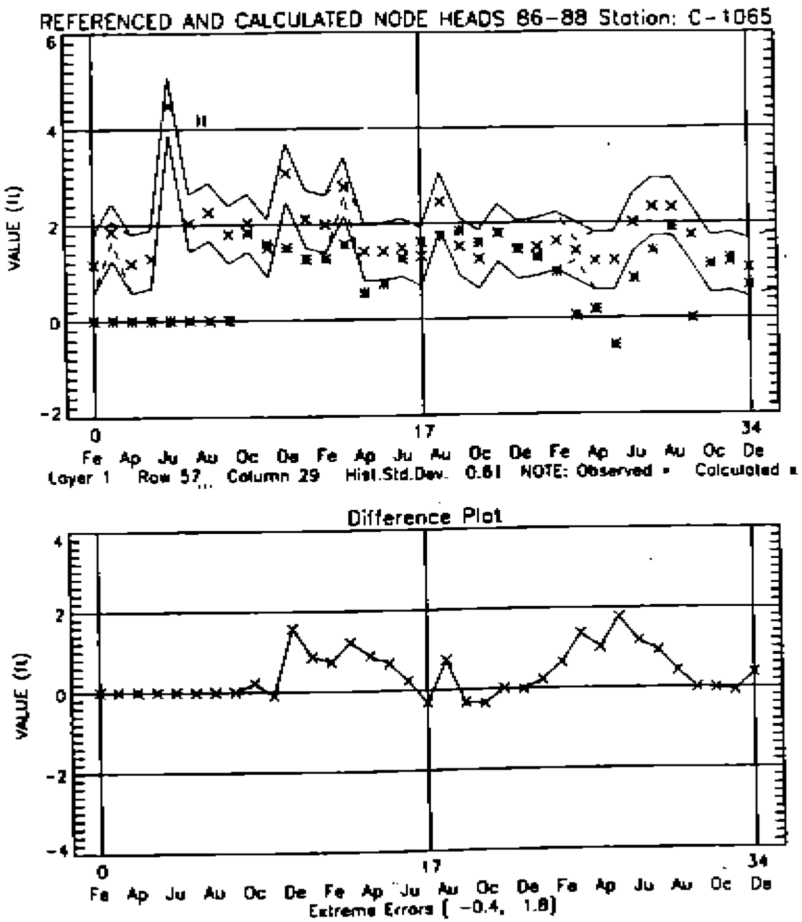

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-446
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 47 Column 15 Hist.Std.Dev. 1.21 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.7, 2.0]

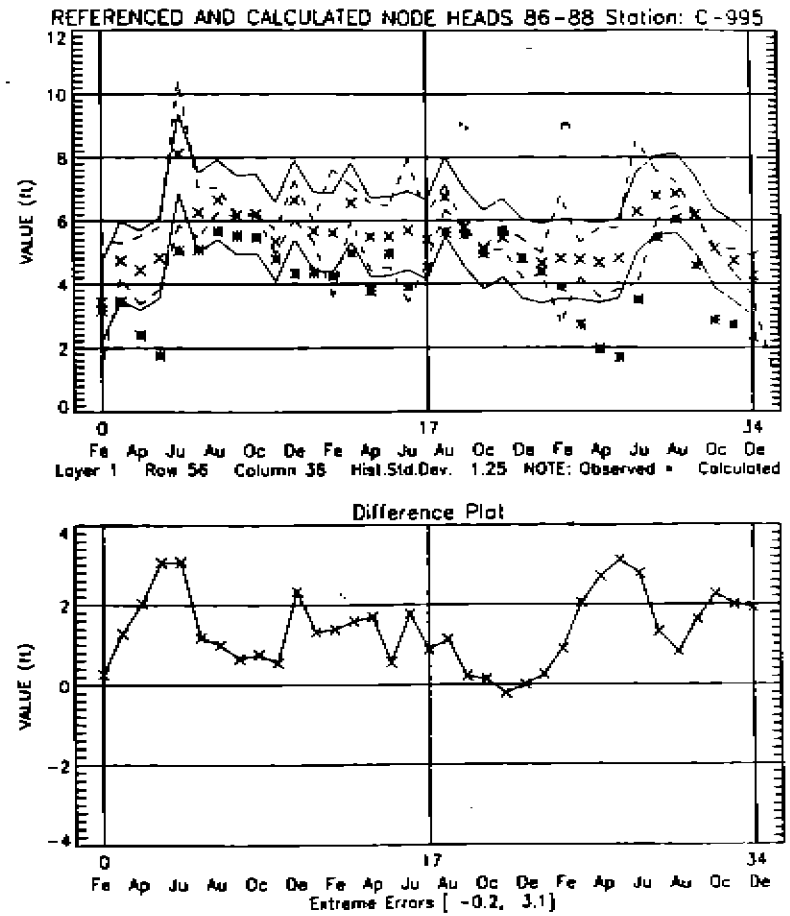

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1063
VALUE (ft)
0 1 2 3 4 5 6
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 51 Column 19 Hist.Std.Dev. 1.09 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
-4 -2 0 2 4
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-1.5, 1.5]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1067
VALUE (ft)
0 2 4 6 8
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 49 Column 25 Hist.Std.Dev. 1.29 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
-4 -2 0 2 4
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-1.8, 2.0]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-495
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 55 Column 39 Hist.Std.Dev. 1.22 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.7, 1.9]

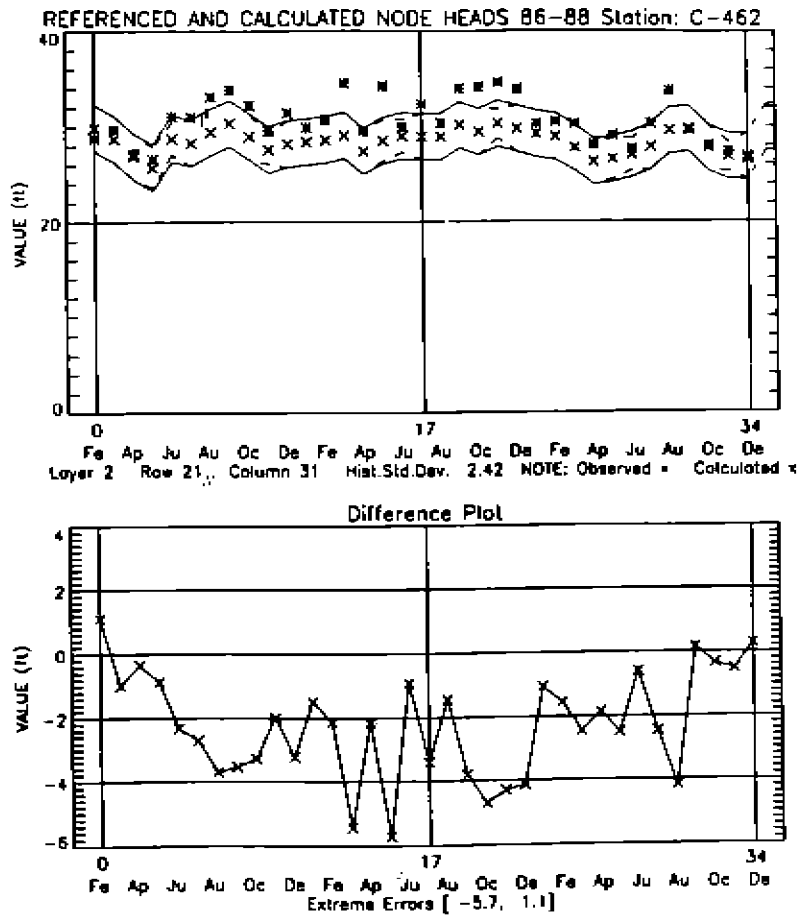

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-496
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 51 Column 33 Hist.Std.Dev. 1.24 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-0.2, 4.6]

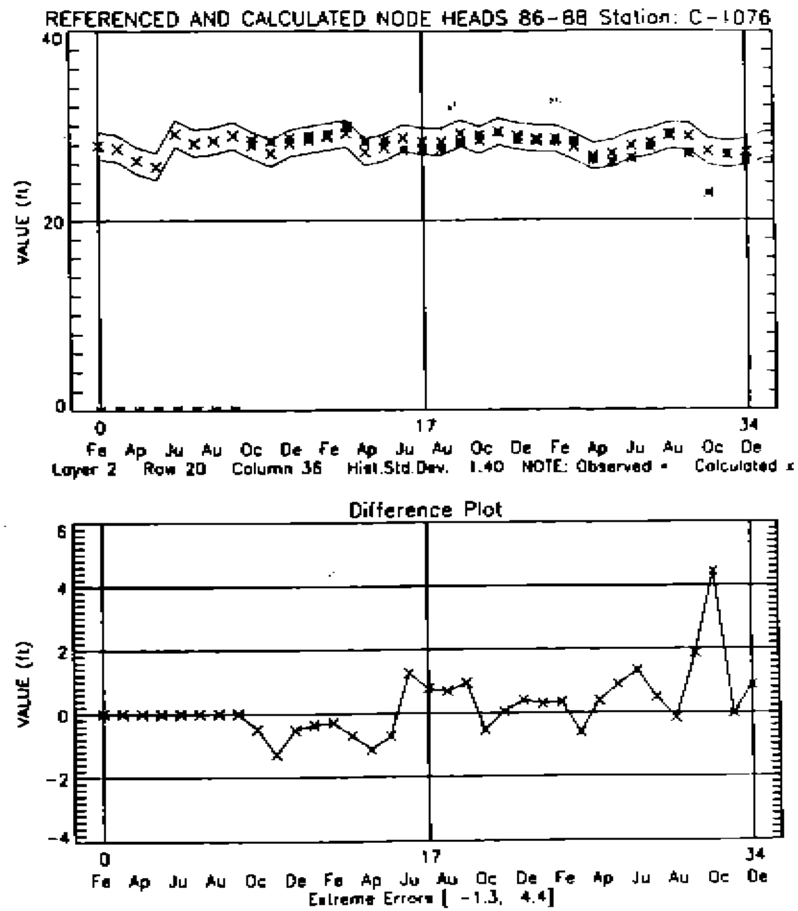

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1065
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 57 Column 29 Hist.Std.Dev. 0.61 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.4, 1.8]

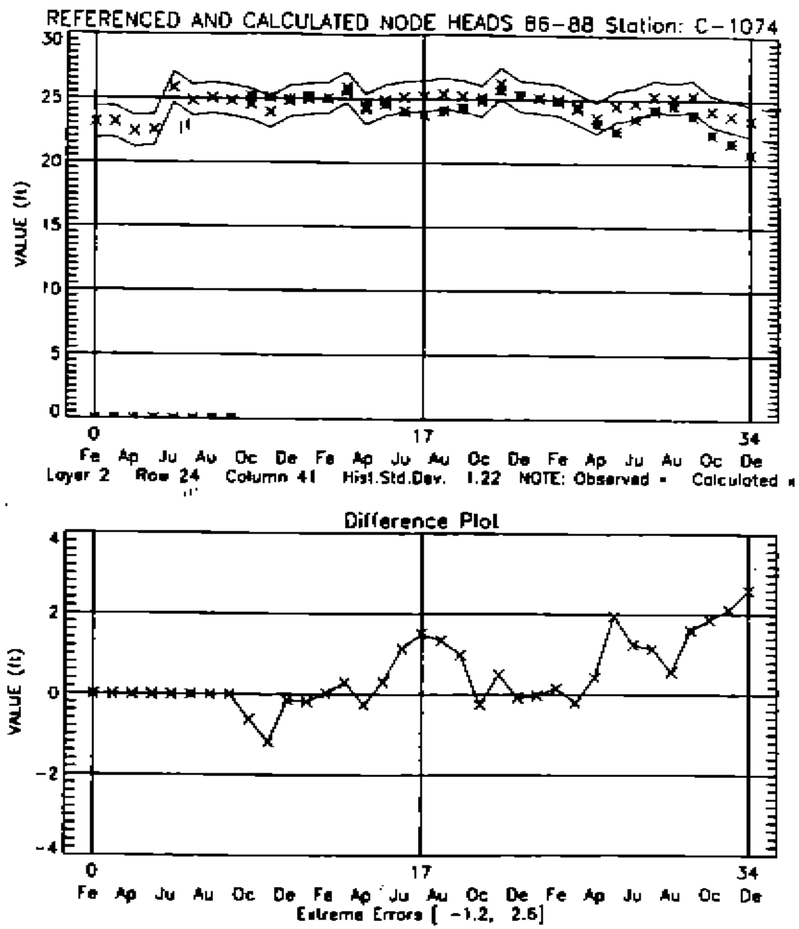

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-995
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 1 Row 56 Column 36 Hist.Std.Dev. 1.25 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.2, 3.1]

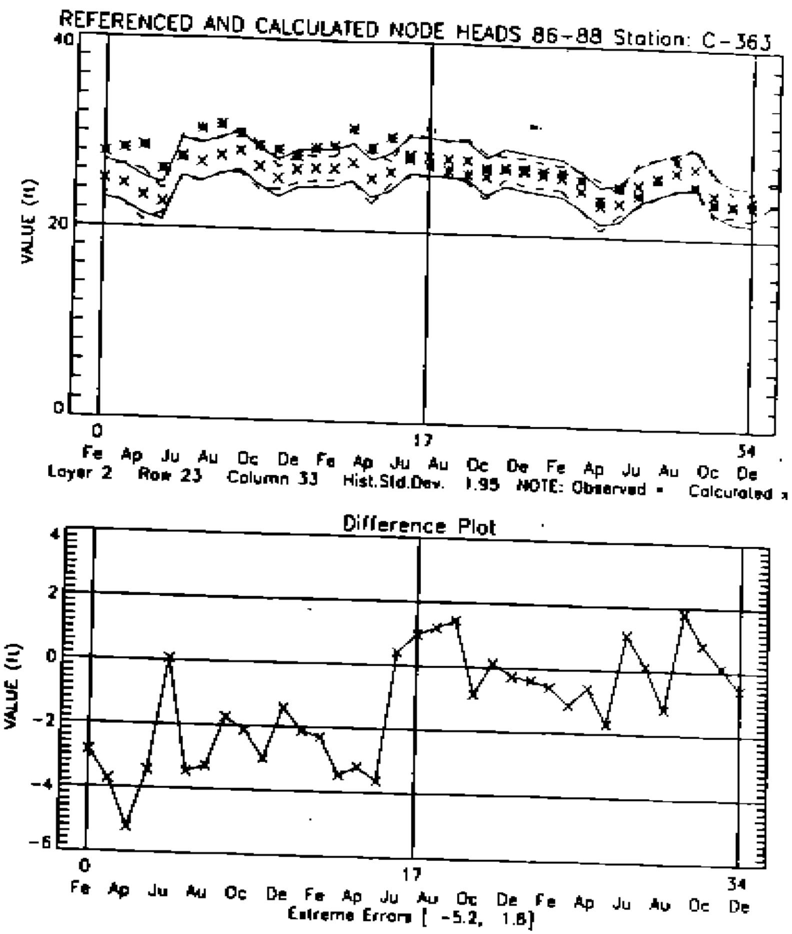
LAYER 2

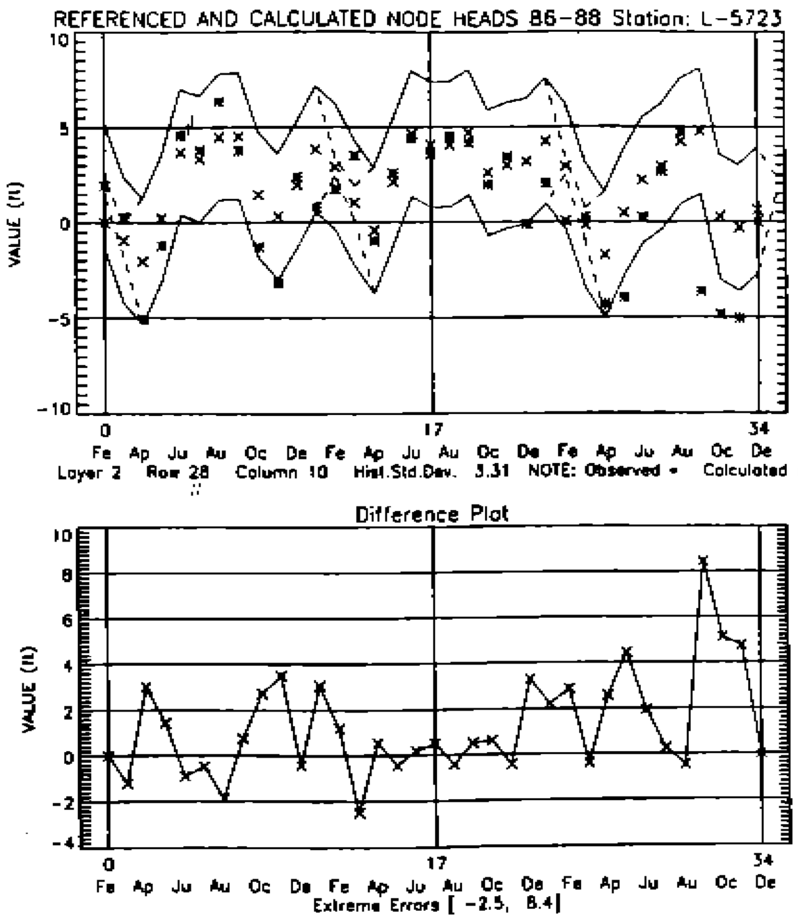
LOWER TAMIAMI AQUIFER COMPARATIVE HYDROGRAPHS

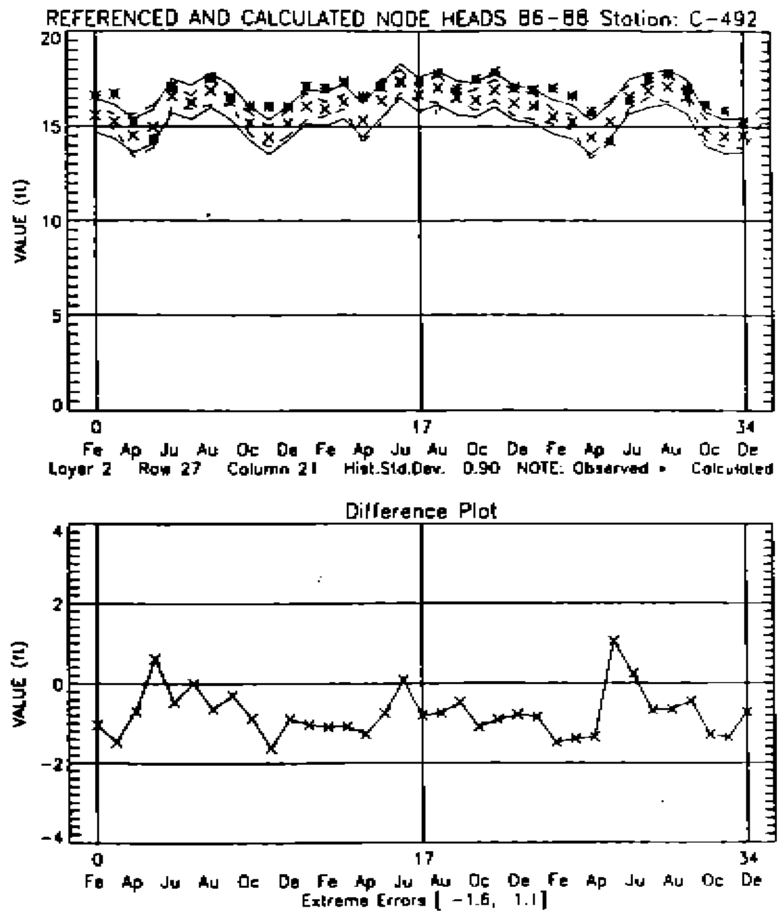

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-462
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 21 Column 31 Hist.Std.Dev. 2.42 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-5.7, 1.1]

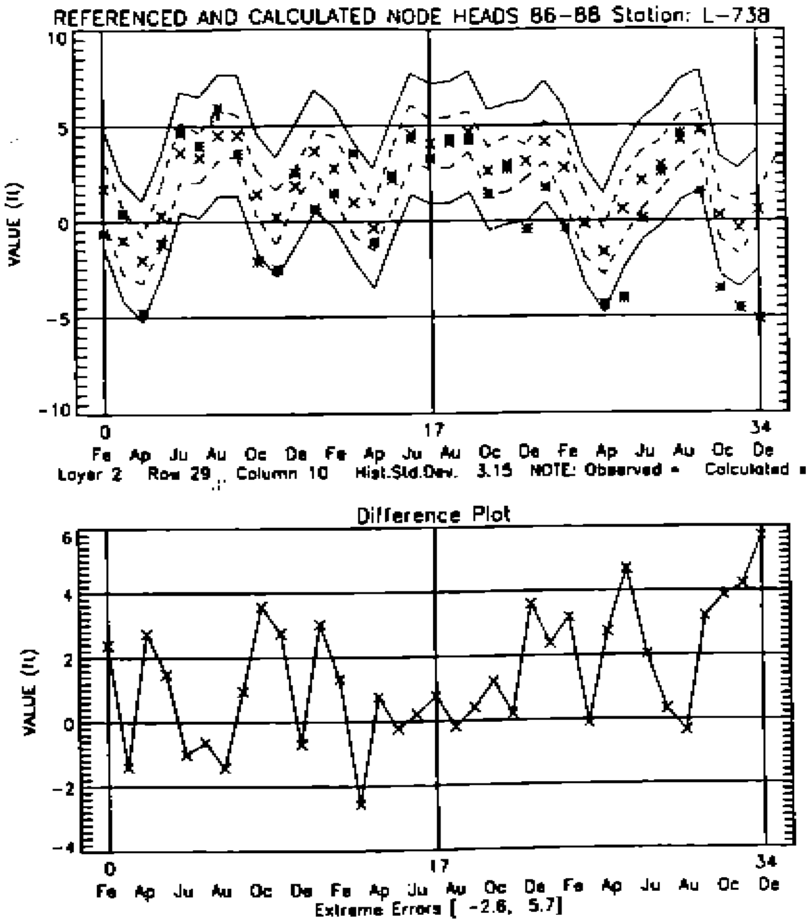

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1076
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 20 Column 36 Hist.Std.Dev. 1.40 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.3, 4.4]

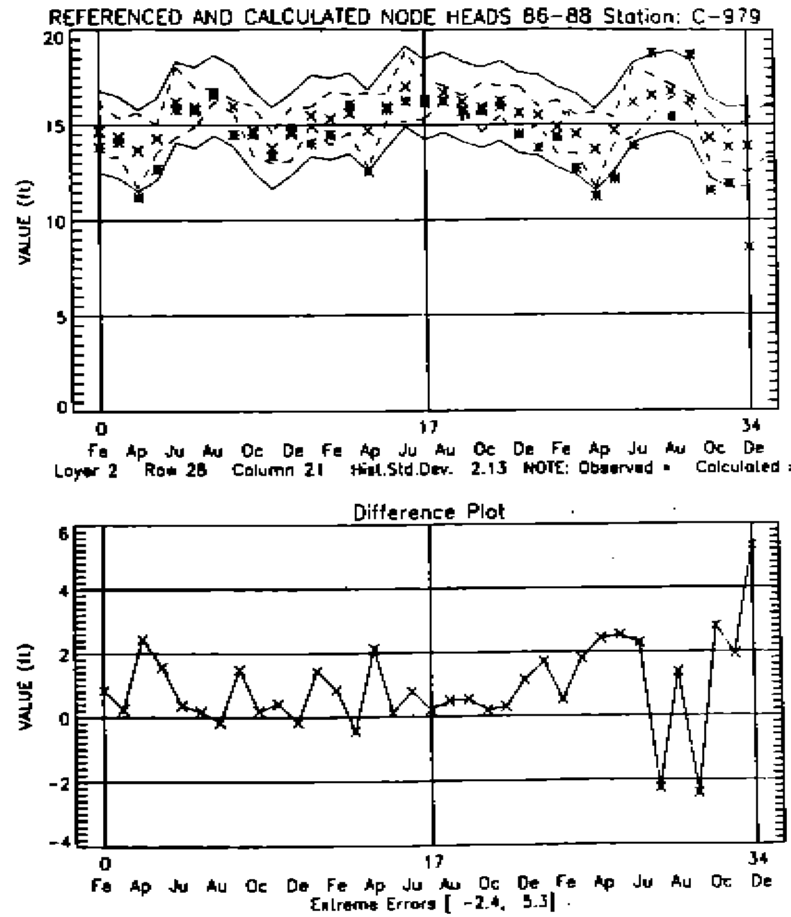

REFERENCED AND CALCULATED NODE HEADS 86–88 Station: C-1074
VALUE (ft)
Layer 2 Row 24 Column 41 Hist.Std.Dev. 1.22 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.2, 2.6]

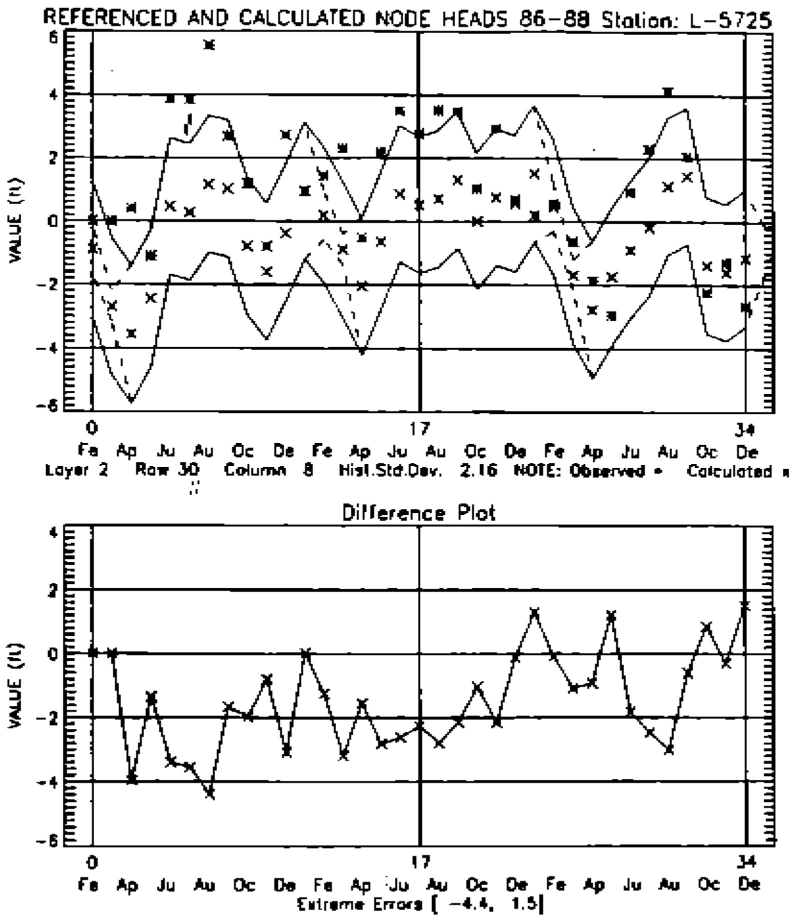

REFERENCED AND CALCULATED NODE HEADS 86–88 Station: C-363
VALUE (ft)
Layer 2 Row 23 Column 33 Hist.Std.Dev. 1.95 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-5.2, 1.8]

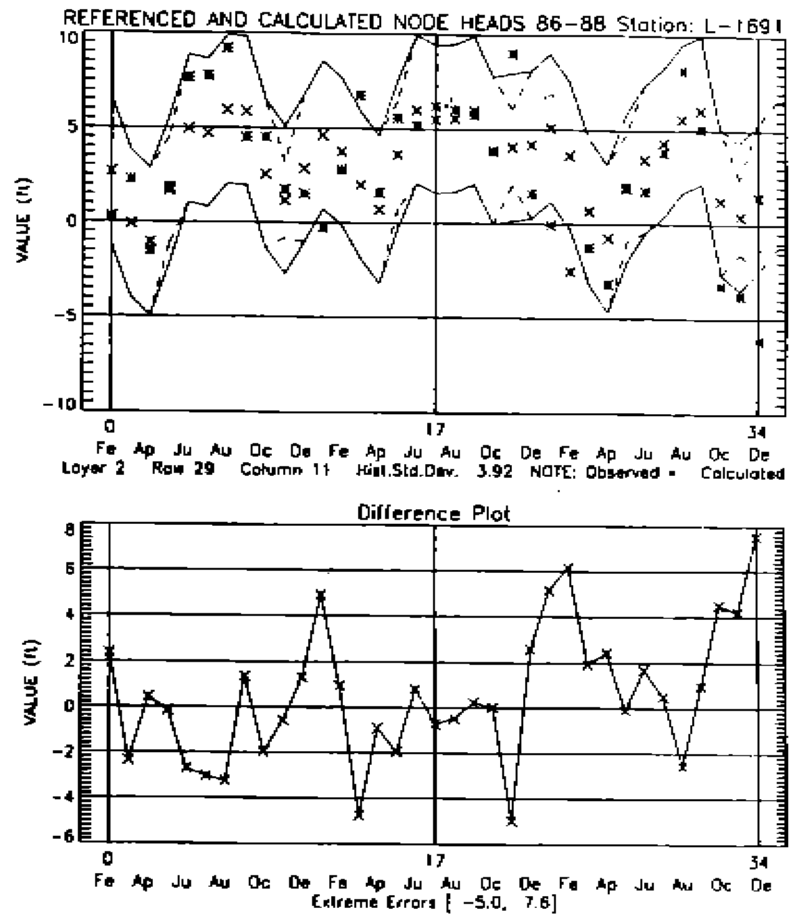

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5723
VALUE (ft)
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 28 Column 10 Hist.Std.Dev. 3.31 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-2.5, 8.4]

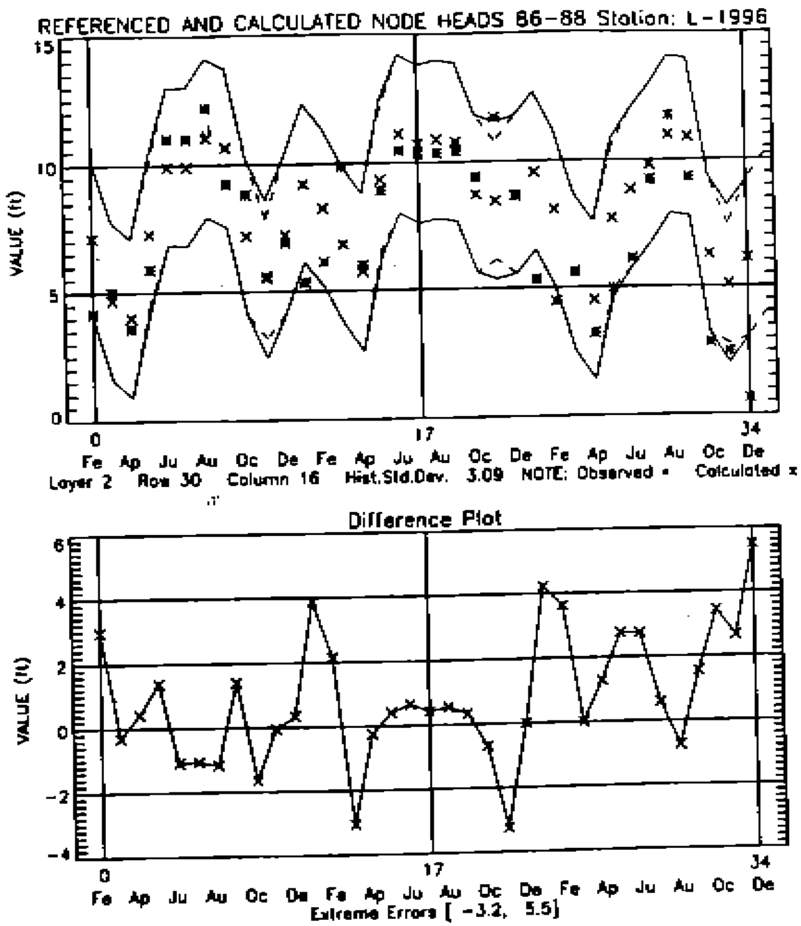

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-492
VALUE (ft)
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 27 Column 21 Hist.Std.Dev. 0.90 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.6, 1.1]

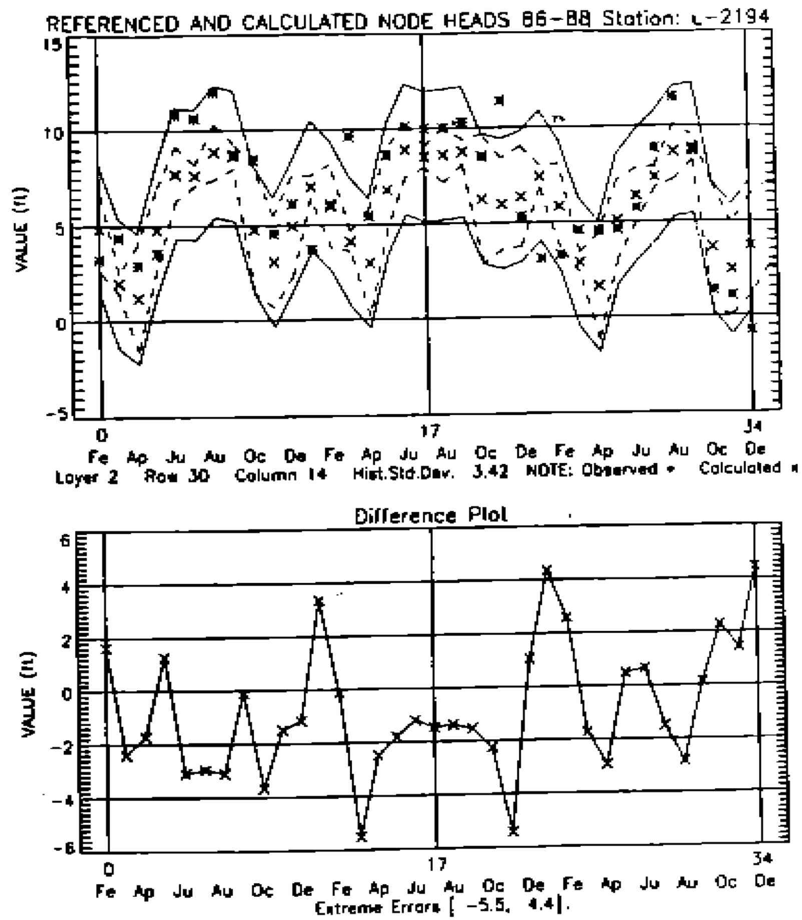

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-738
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 29 Column 10 Hist.Std.Dev. 3.15 NOTE: Observed = Calculated x
Difference Plot
Extreme Errors [-2.6, 5.7]

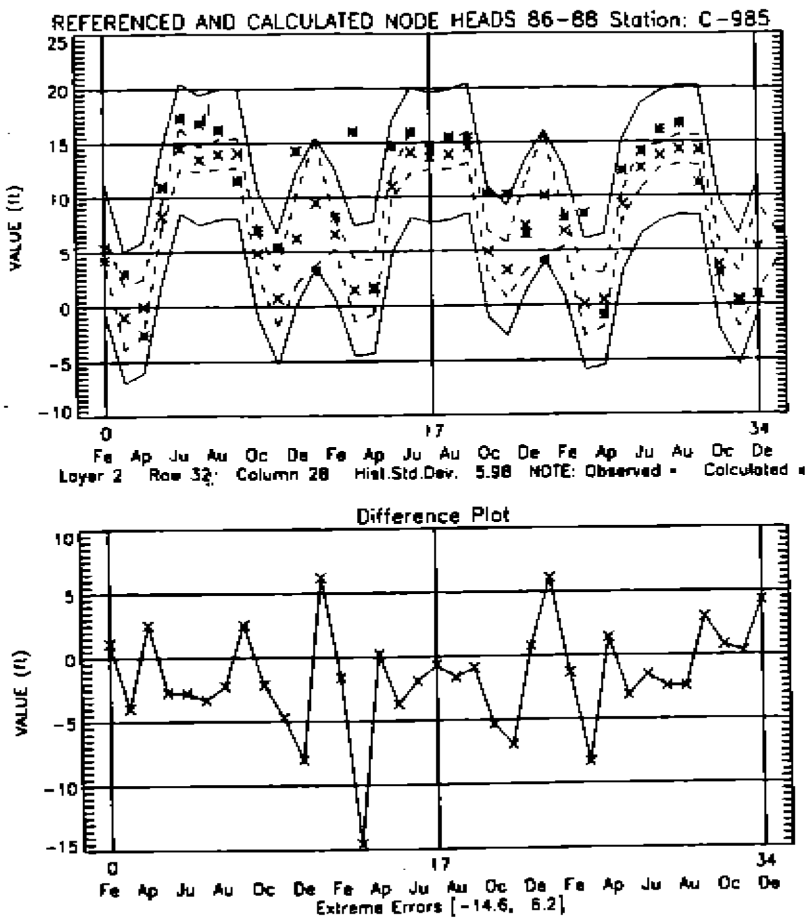

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-979
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 28 Column 21 Hist.Std.Dev. 2.13 NOTE: Observed = Calculated x
Difference Plot
Extreme Errors [-2.4, 5.3]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5725
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 30 Column 8 Hist.Std.Dev. 2.16 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-4.4, 1.5]

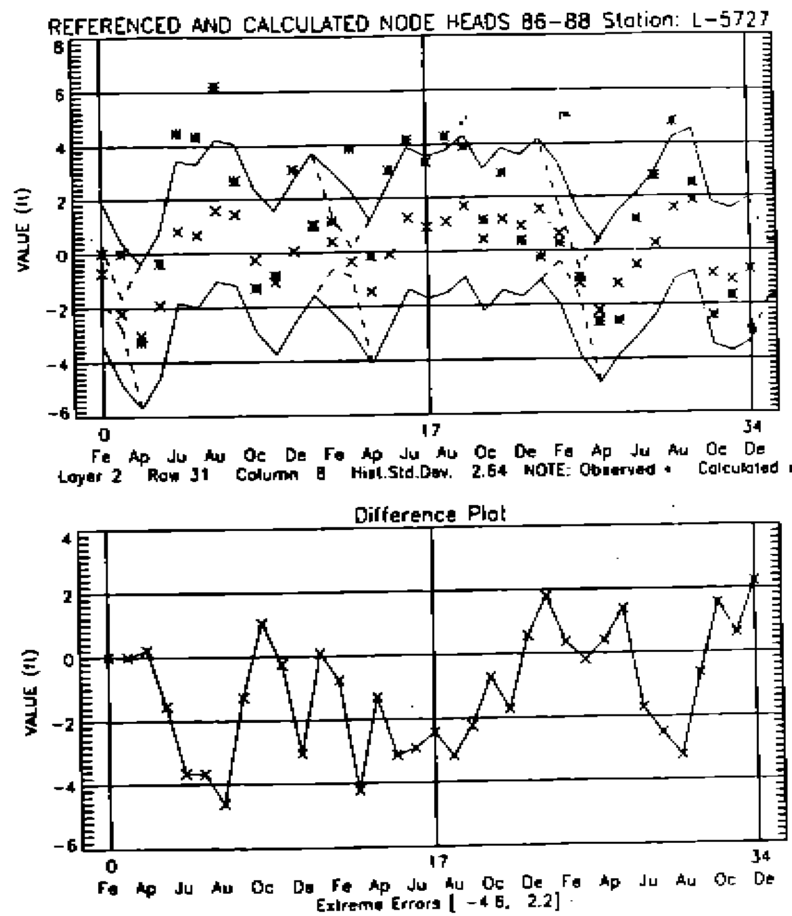

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1691
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 29 Column 11 Hist.Std.Dev. 3.92 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-5.0, 7.6]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1996
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 30 Column 16 Hist.Std.Dev. 3.09 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-3.2, 5.5]

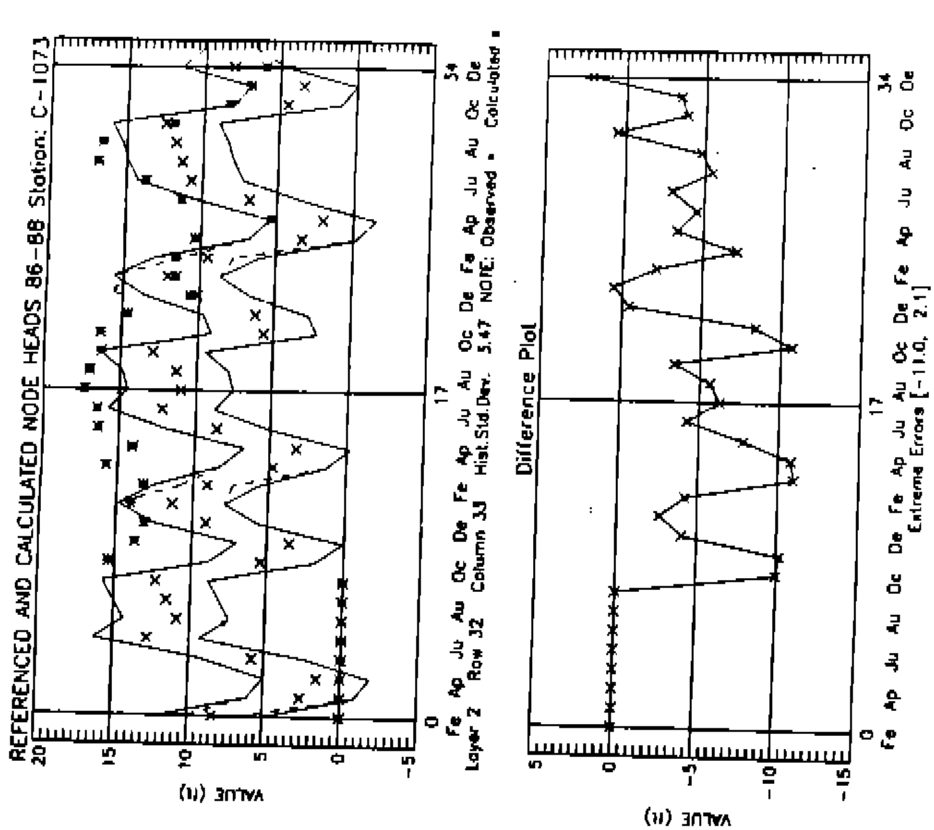

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-2194
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 30 Column 14 Hist.Std.Dev. 3.42 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-5.5, 4.4].

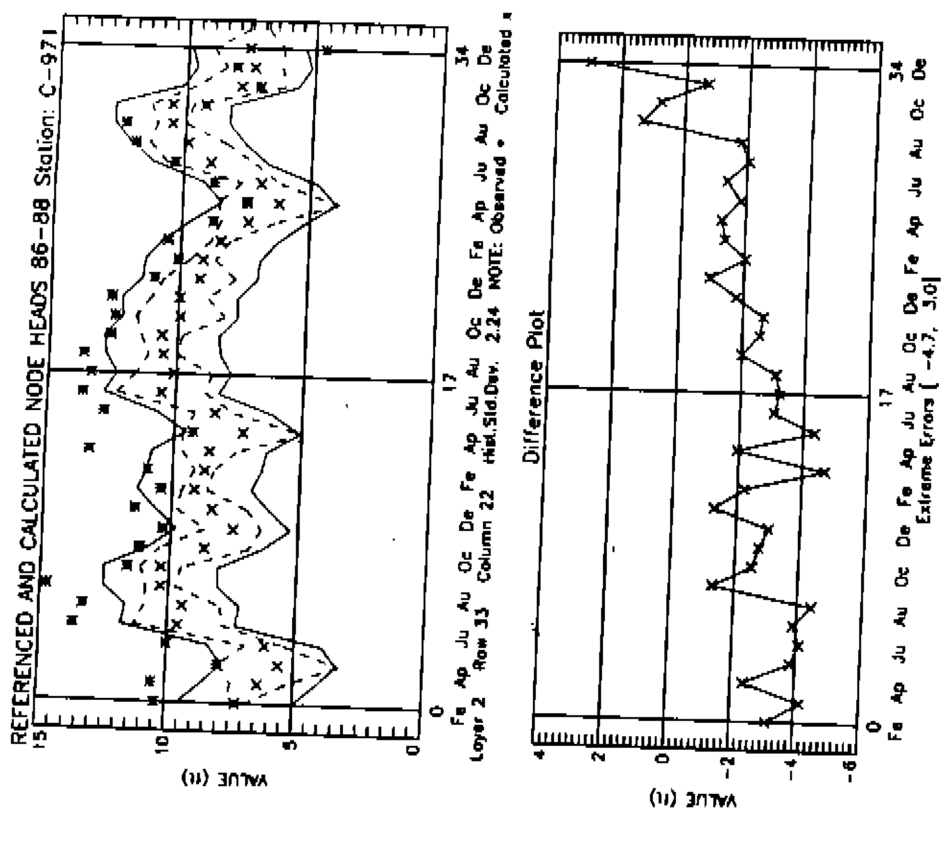


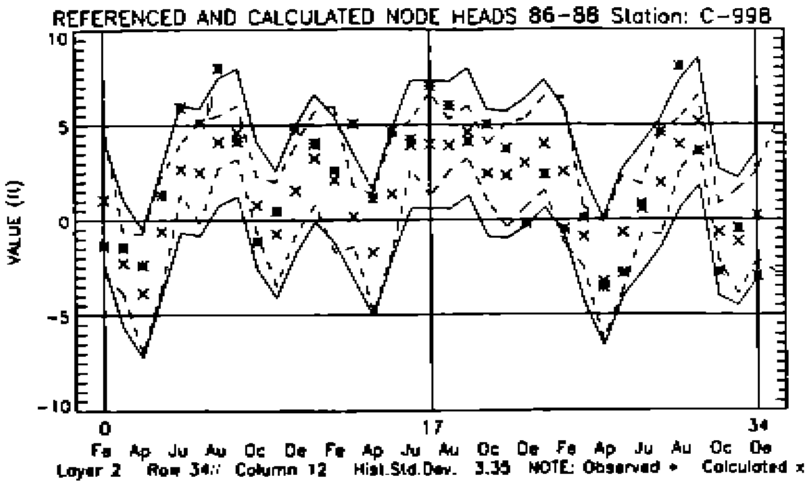
REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-985
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 32 Column 28 Hist.Std.Dev. 5.98 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-14.6, 6.2]

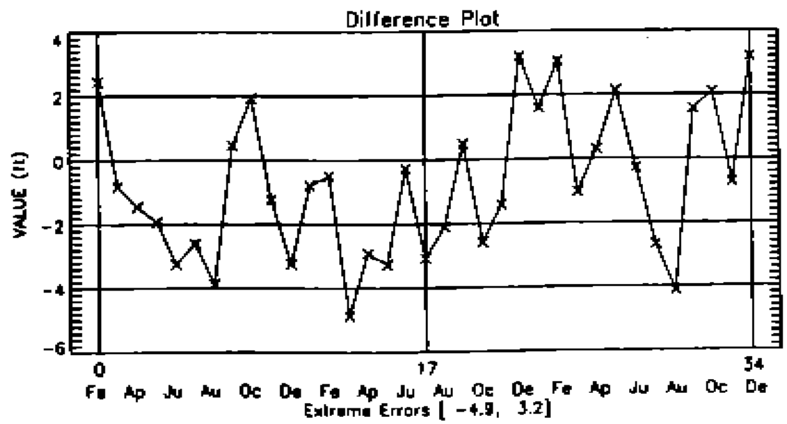


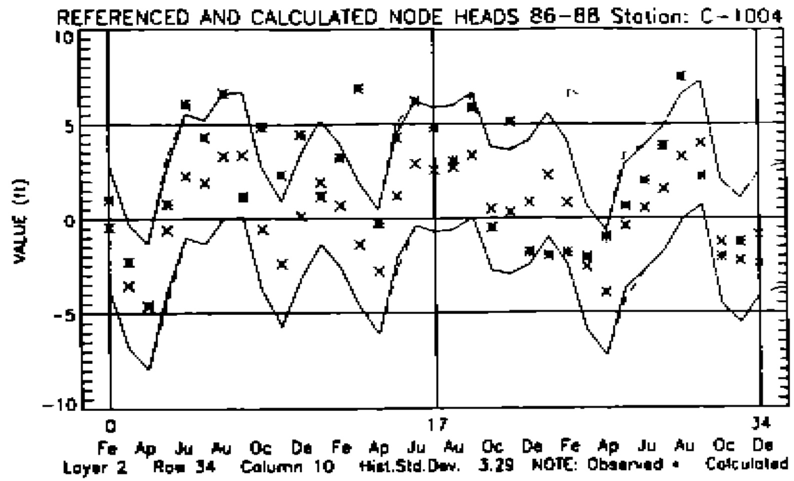
REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5727
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 31 Column 8 Hist.Std.Dev. 2.64 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-4.6, 2.2]

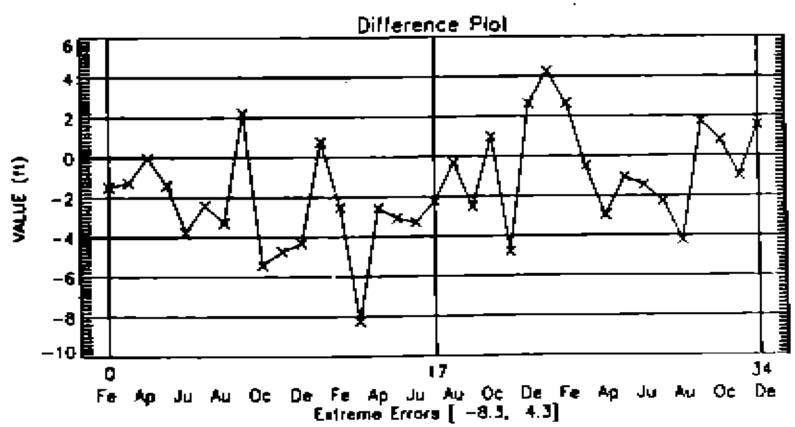

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1073
VALUE (ft)
Layer 2 Row 32 Column 33 Hist.Std.Dev. 3.47 NOTE: Observed ▪ Calculated ×
Difference Plot
Extreme Errors [-11.0, 2.1]

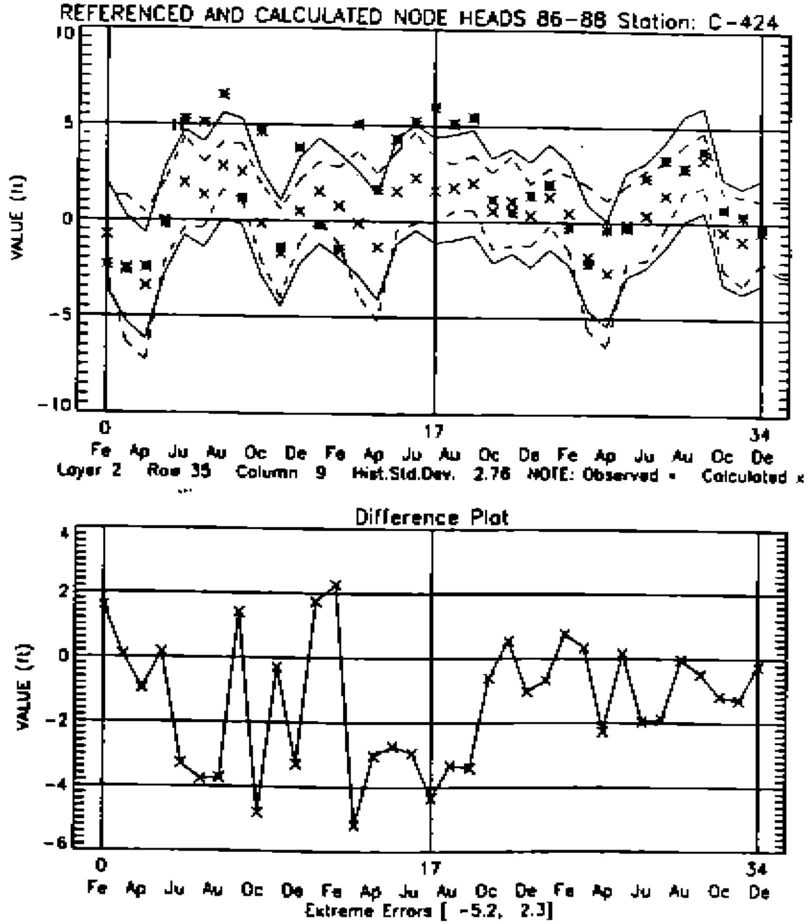

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-971
VALUE (ft)
Layer 2 Row 33 Column 22 Hist.Std.Dev. 2.24 NOTE: Observed ▪ Calculated ×
Difference Plot
Extreme Errors [-4.7, 3.0]

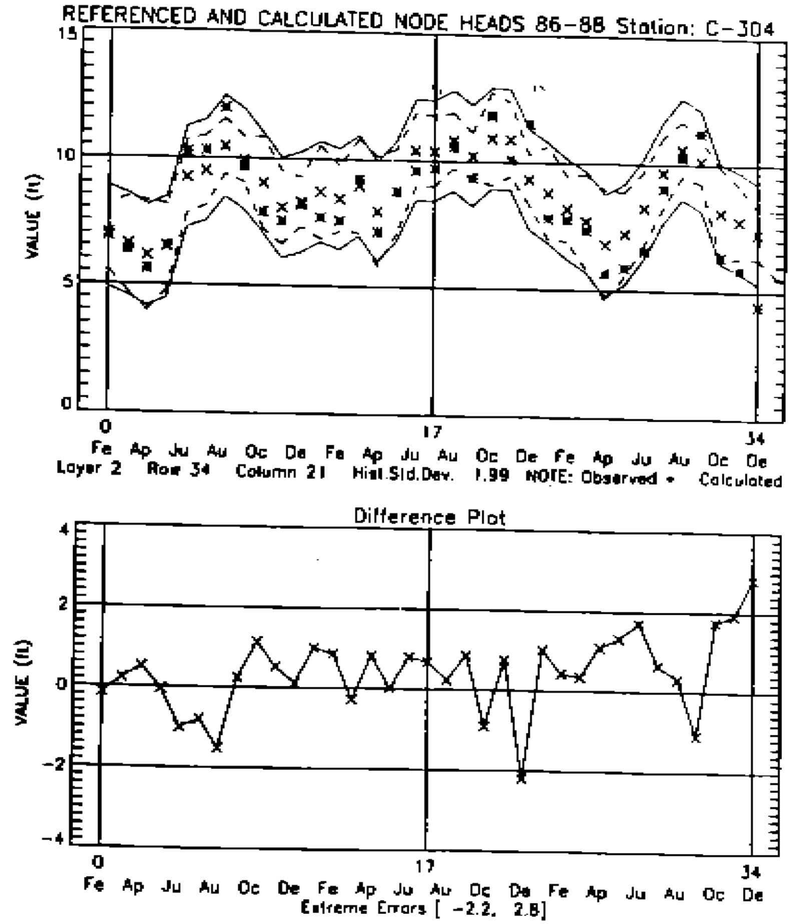

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-998
VALUE (ft)
10
5
0
-5
-10
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 34// Column 12 Hist.Std.Dev. 3.35 NOTE: Observed * Calculated x

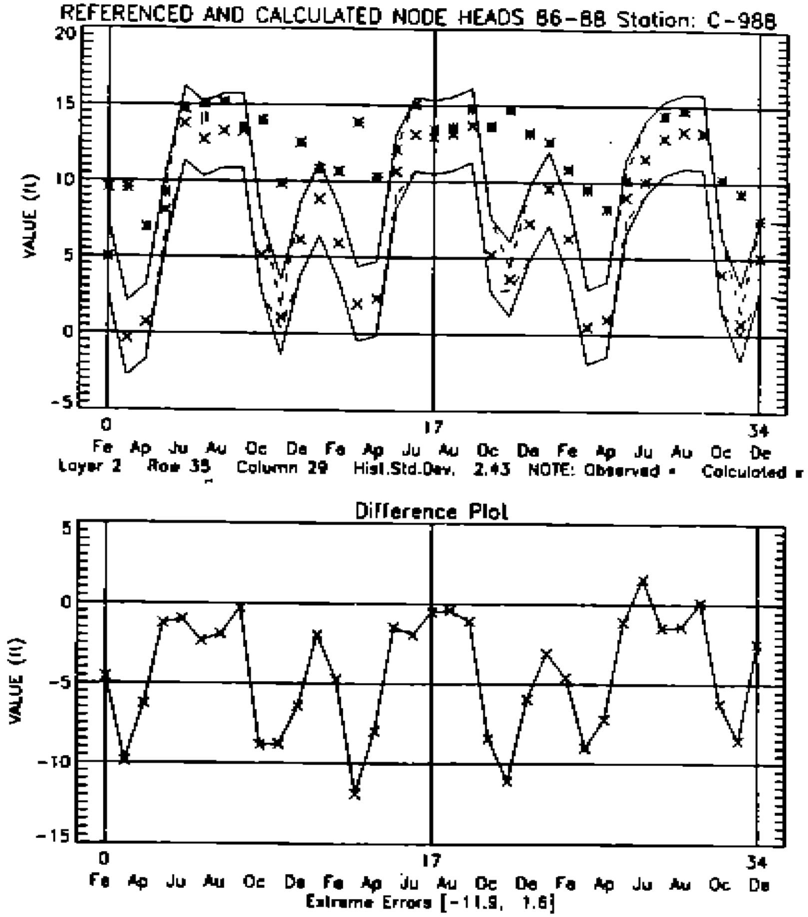

Difference Plot
VALUE (ft)
4
2
0
-2
-4
-6
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-4.9, 3.2]

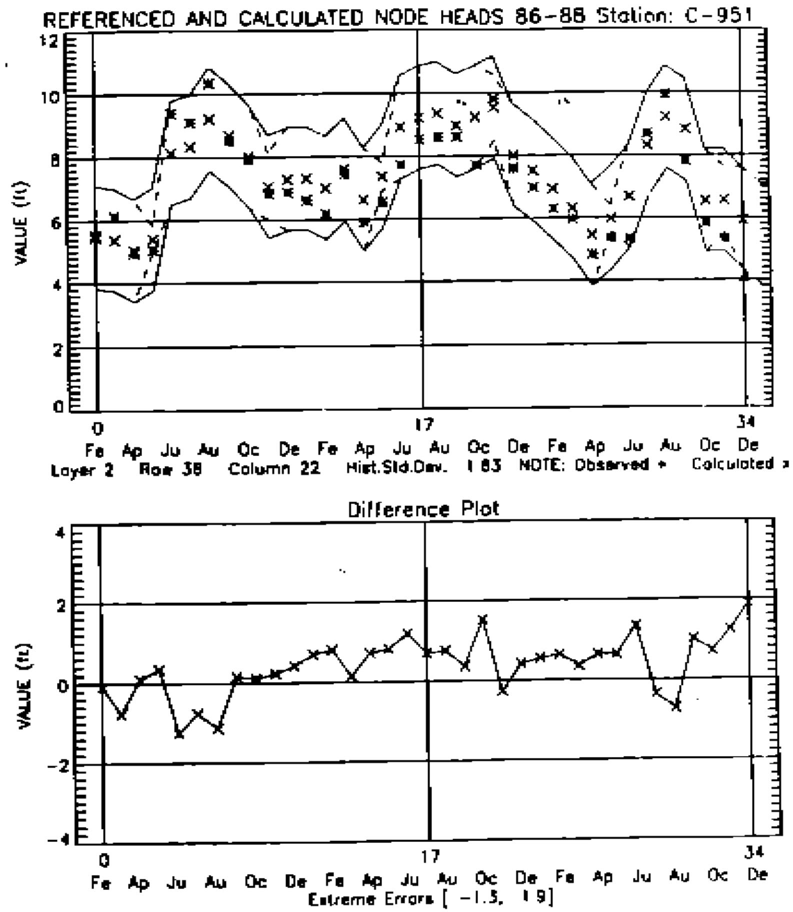

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1004
VALUE (ft)
10
5
0
-5
-10
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 34 Column 10 Hist.Std.Dev. 3.29 NOTE: Observed * Calculated x

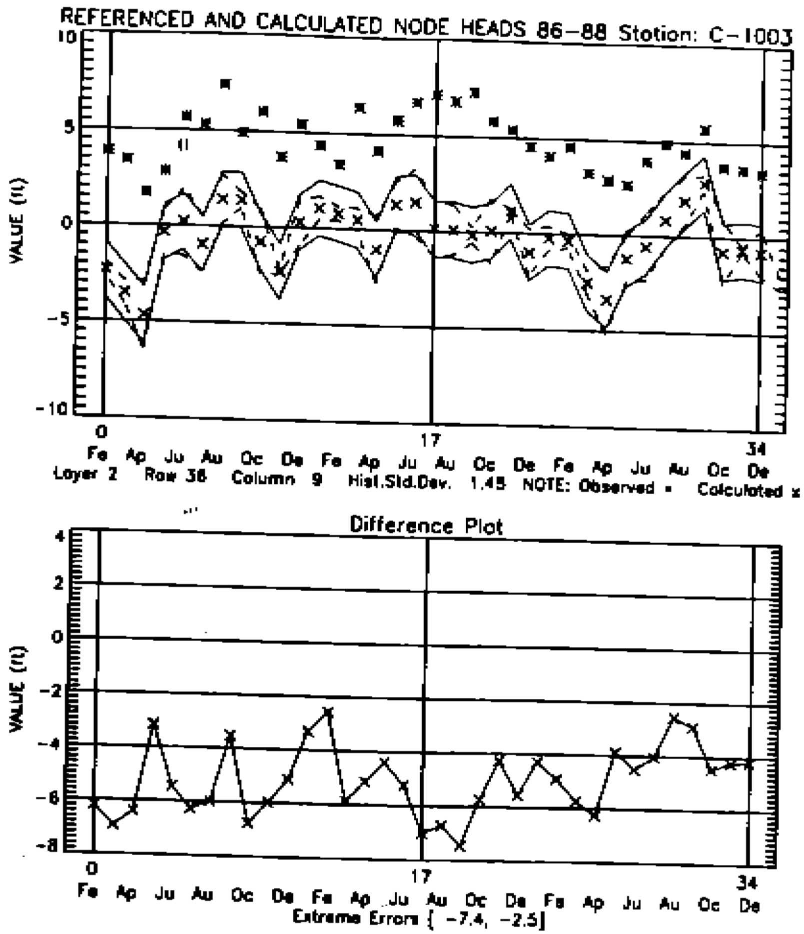

Difference Plot
VALUE (ft)
6
4
2
0
-2
-4
-6
-8
-10
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-8.3, 4.3]

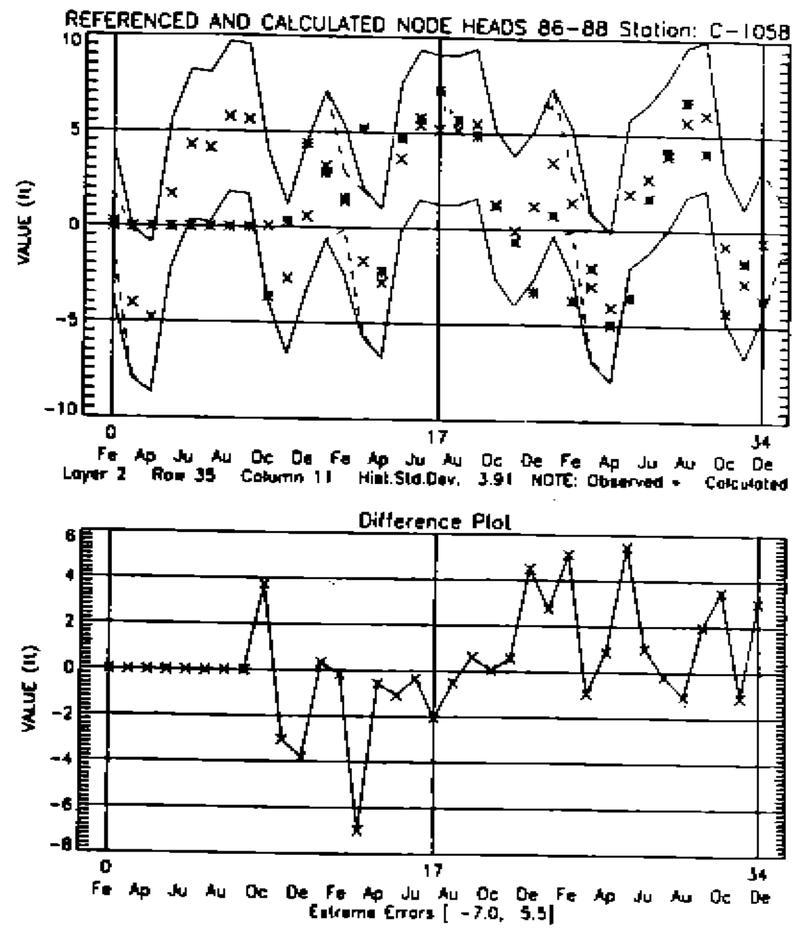

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-424
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 35 Column 9 Hist.Std.Dev. 2.76 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-5.2, 2.3]

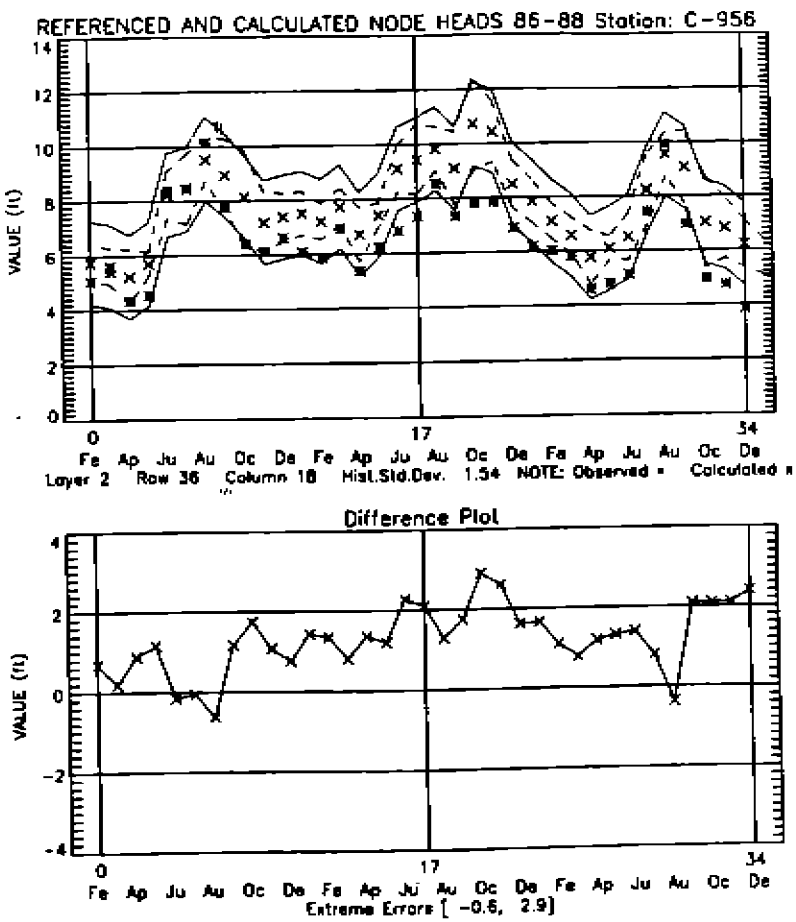

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-304
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 34 Column 21 Hist.Std.Dev. 1.99 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-2.2, 2.8]

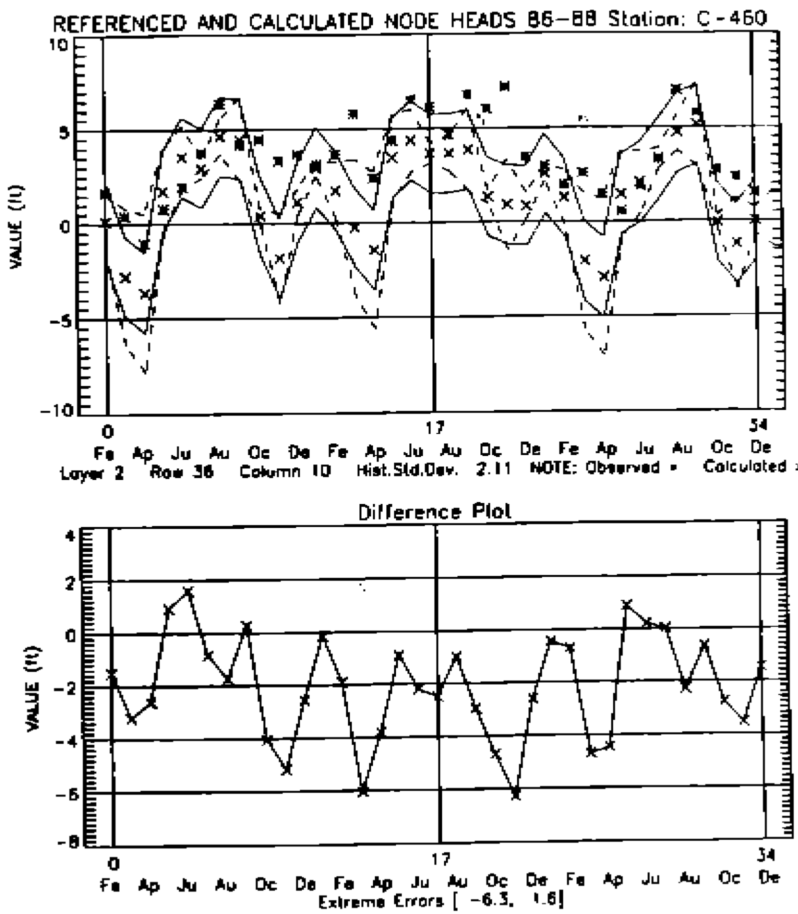

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-988
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 35 Column 29 Hist.Std.Dev. 2.43 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-11.9, 1.6]

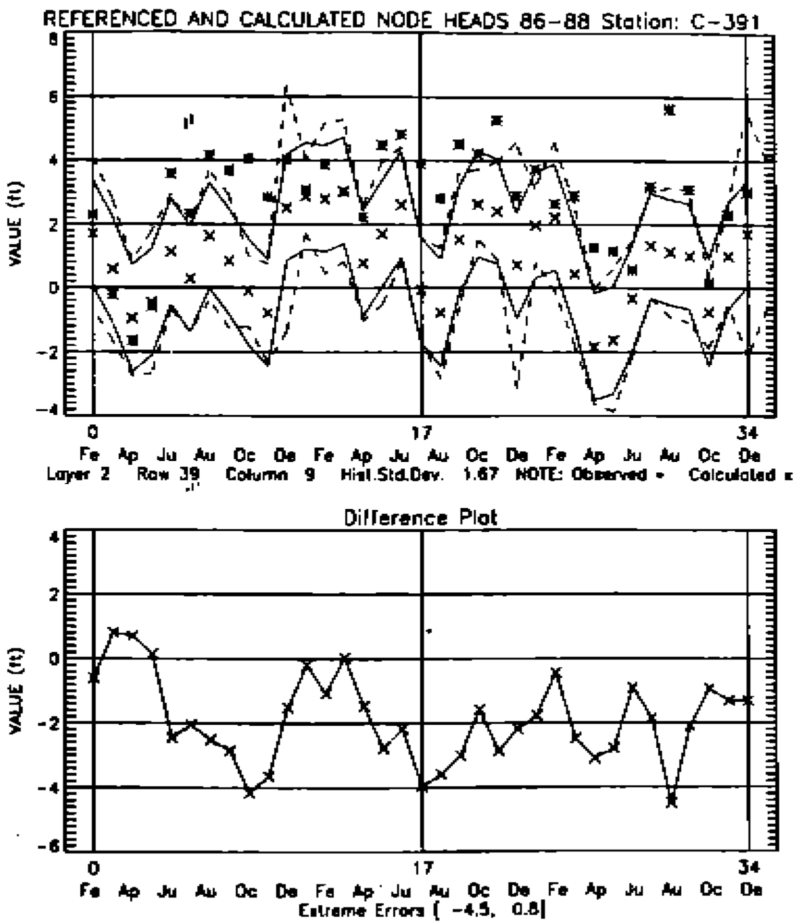

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-951
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 38 Column 22 Hist.Std.Dev. 1.83 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.3, 1.9]

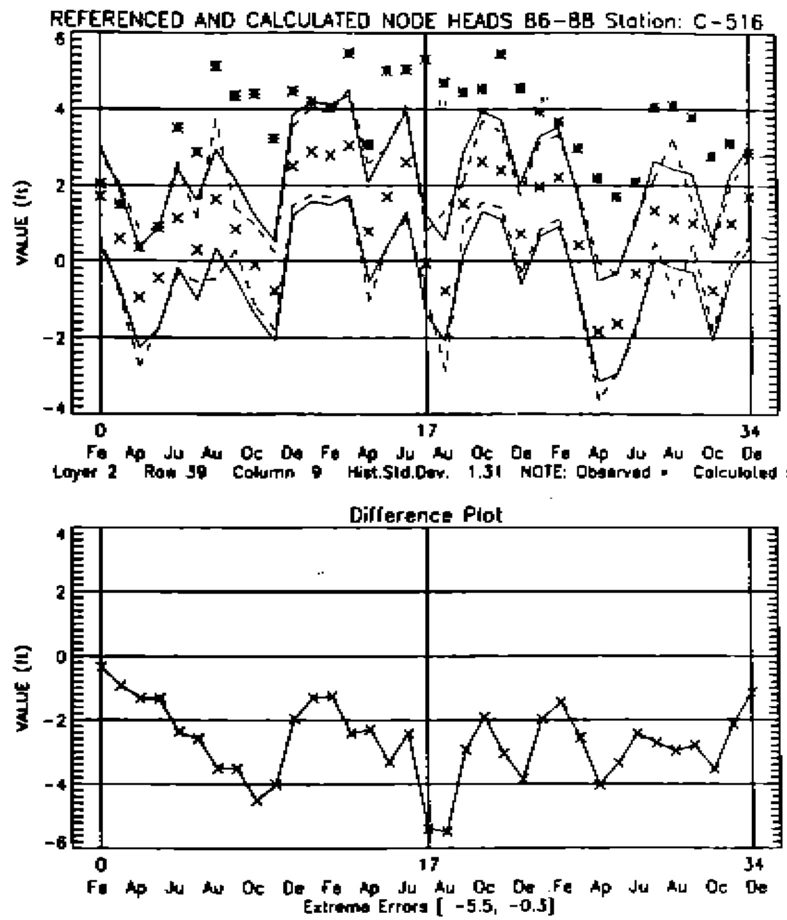

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1003
VALUE (ft)
10
5
0
-5
-10
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 38 Column 9 Hist.Std.Dev. 1.45 NOTE: Observed * Calculated x
Difference Plot
4
2
0
-2
-4
-6
-8
Extreme Errors [-7.4, -2.5]

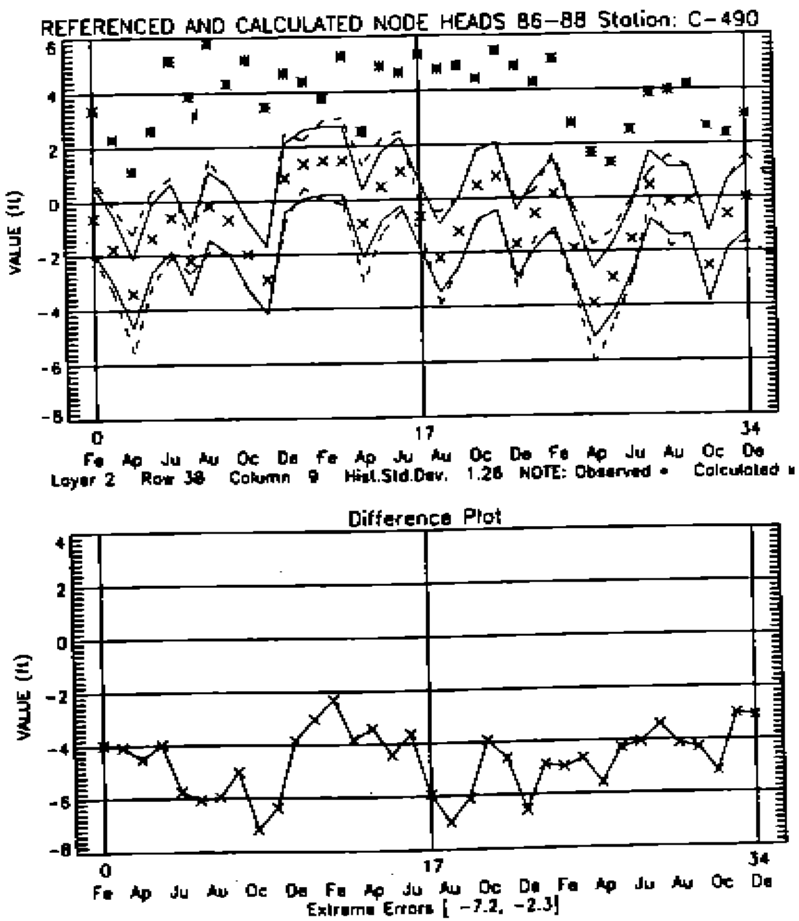

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1058
VALUE (ft)
10
5
0
-5
-10
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 35 Column 11 Hist.Std.Dev. 3.91 NOTE: Observed * Calculated x
Difference Plot
6
4
2
0
-2
-4
-6
-8
Extreme Errors [-7.0, 5.5]

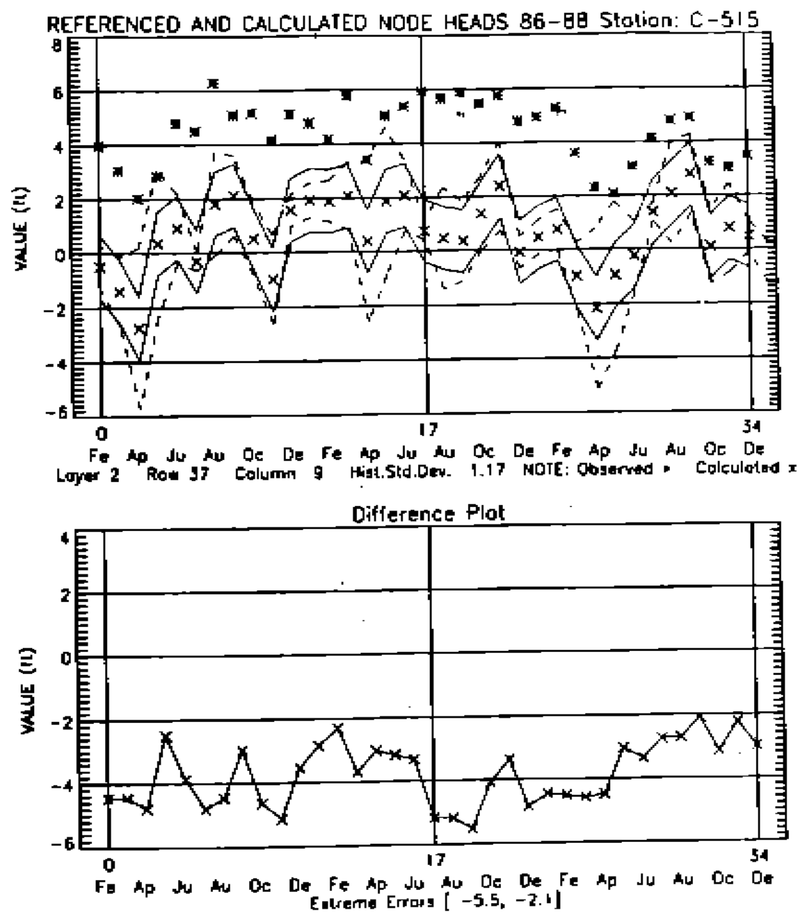

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-956
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 36 Column 18 Hist.Std.Dev. 1.54 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-0.6, 2.9]

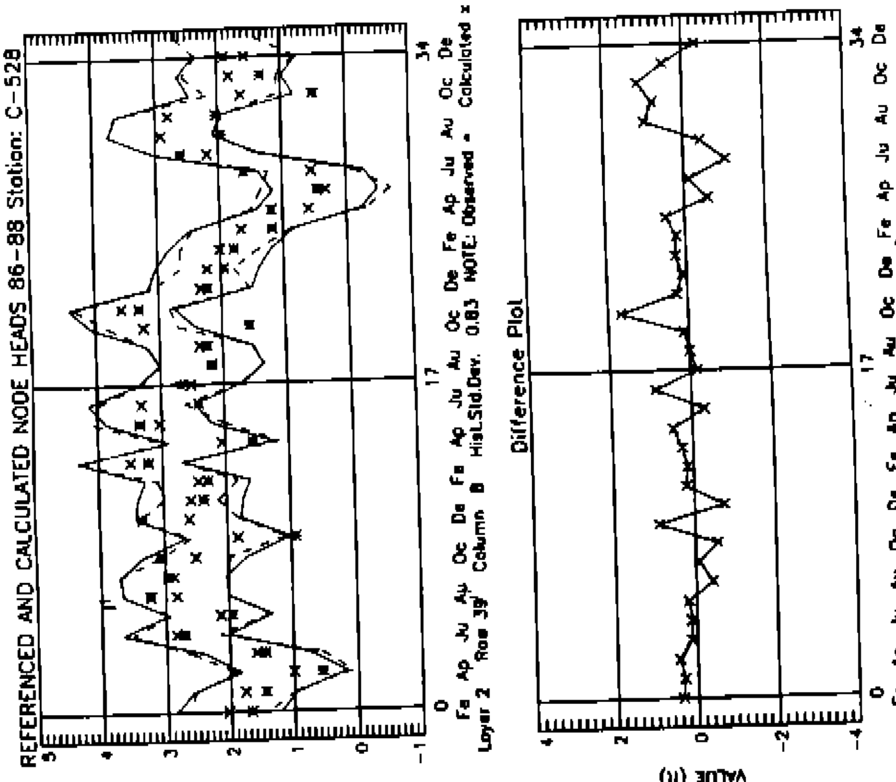

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-460
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 36 Column 10 Hist.Std.Dev. 2.11 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-6.3, 1.6]

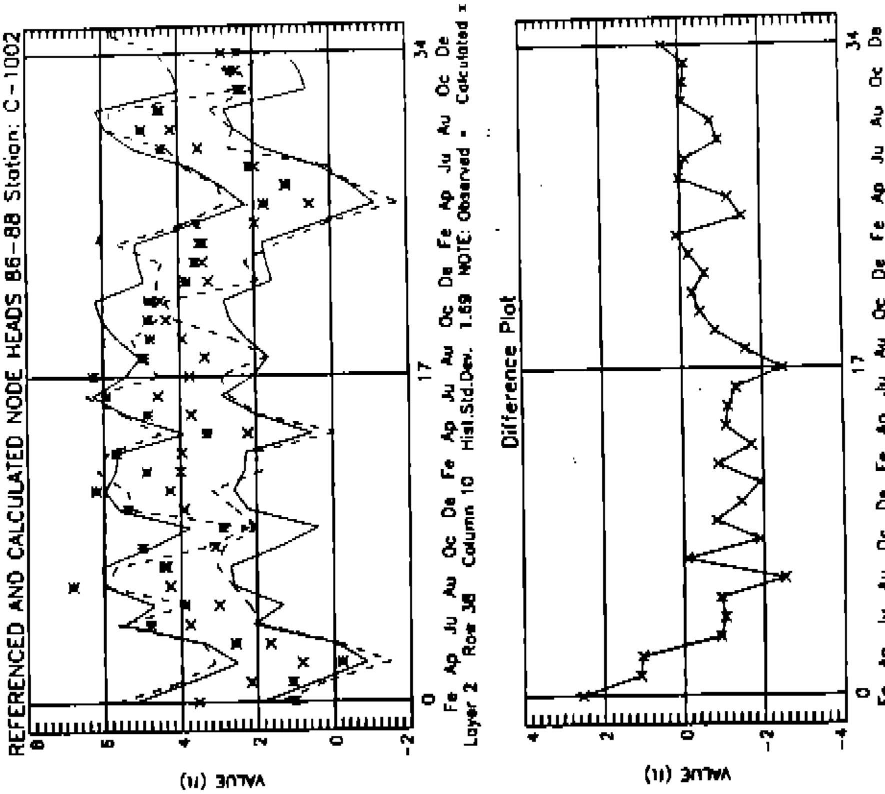

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-391
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 39 Column 9 Hist.Std.Dev. 1.67 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-4.5, 0.8]

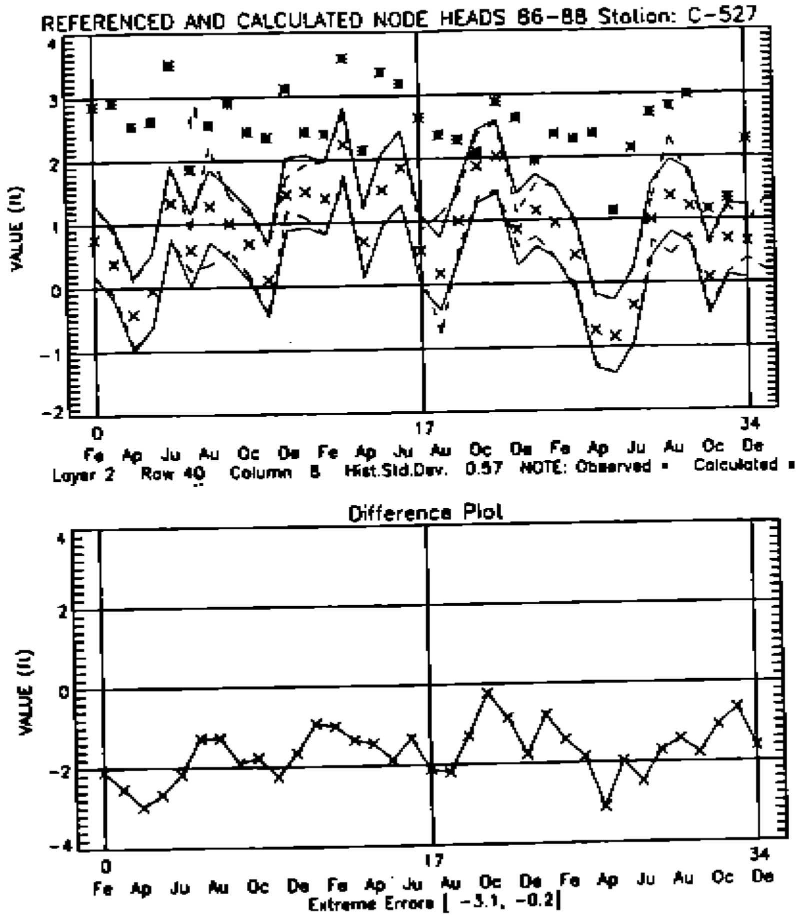

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-516
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 39 Column 9 Hist.Std.Dev. 1.31 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-5.5, -0.3]

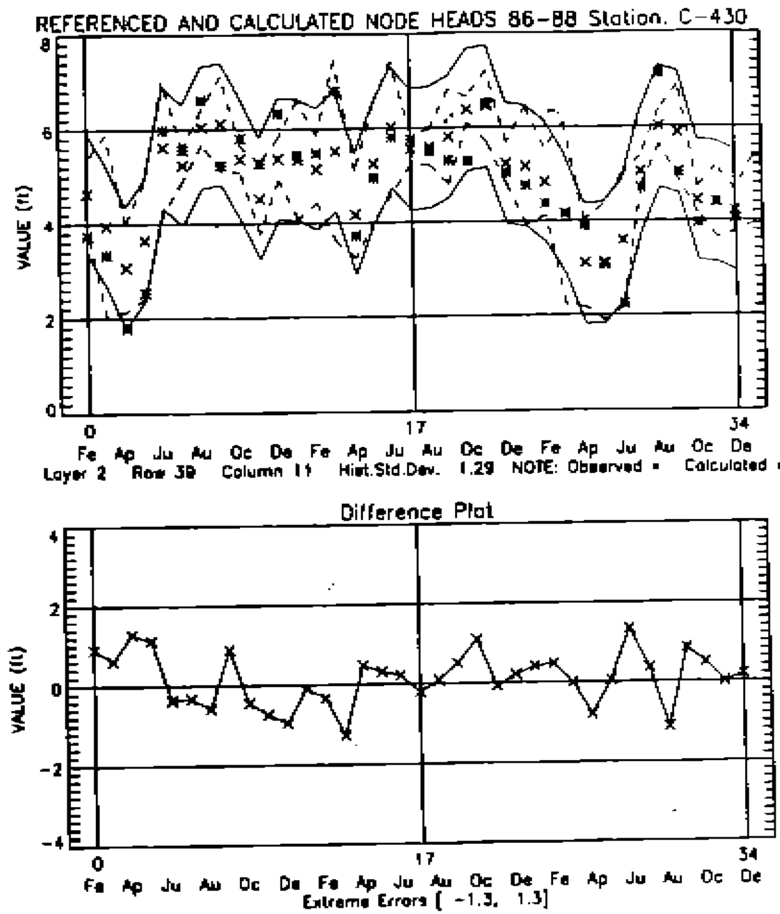

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-490
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 38 Column 9 Hist.Std.Dev. 1.26 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-7.2, -2.3]

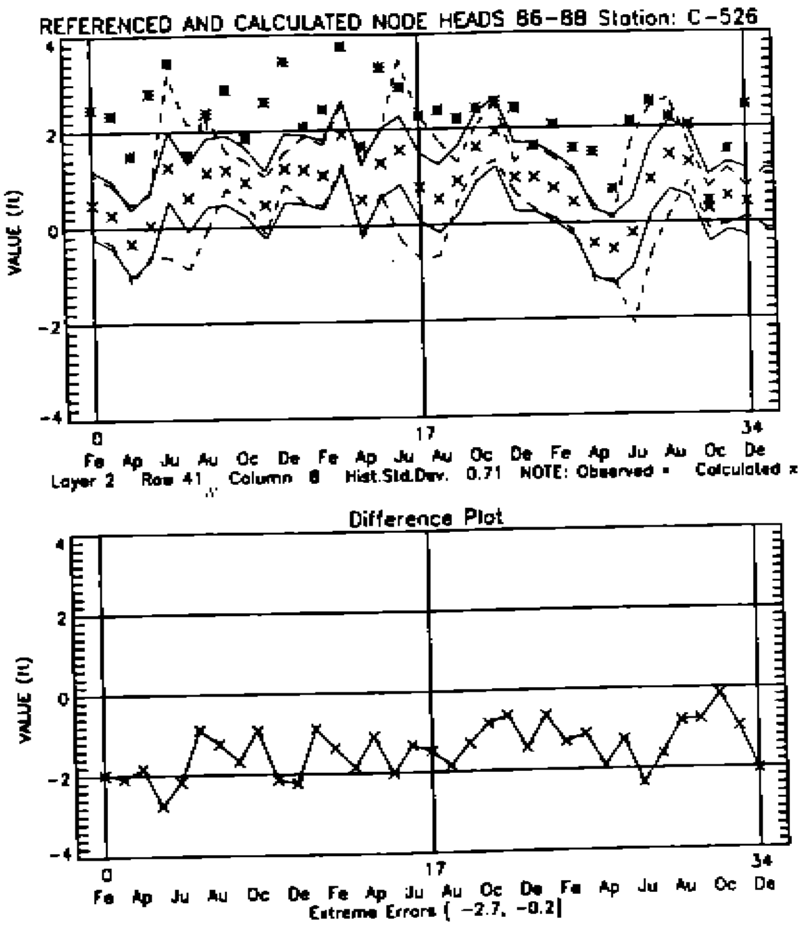

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-515
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 37 Column 9 Hist.Std.Dev. 1.17 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-5.5, -2.1]

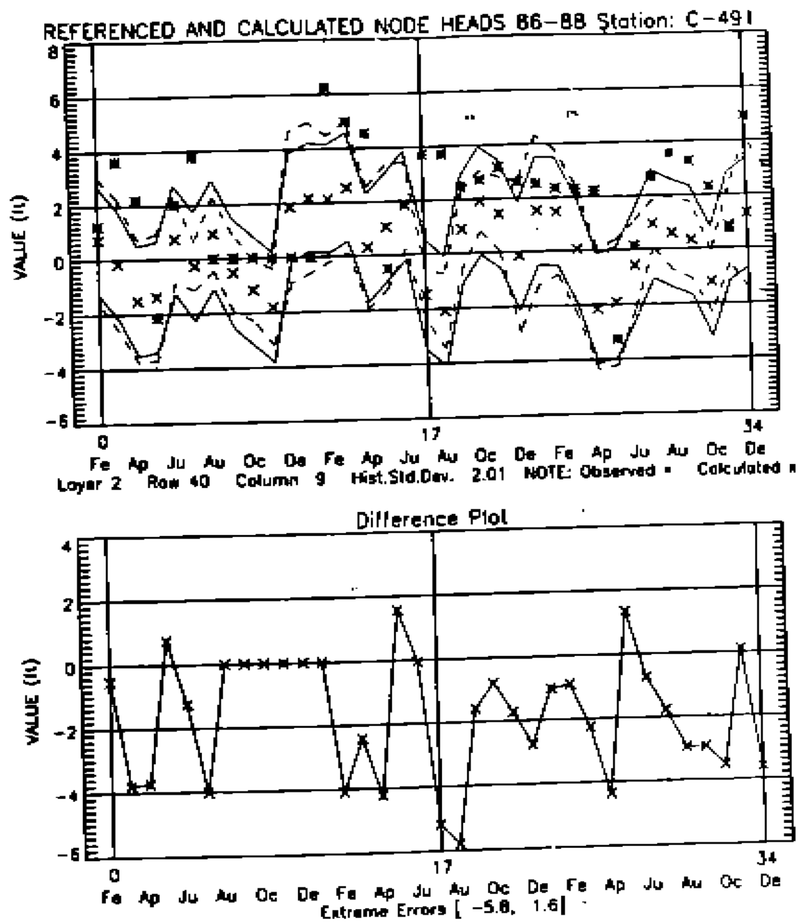

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-528
VALUE (ft)
Layer 2 Row 39 Column 8 Hist.Std.Dev. 0.83 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.1, 1.7]

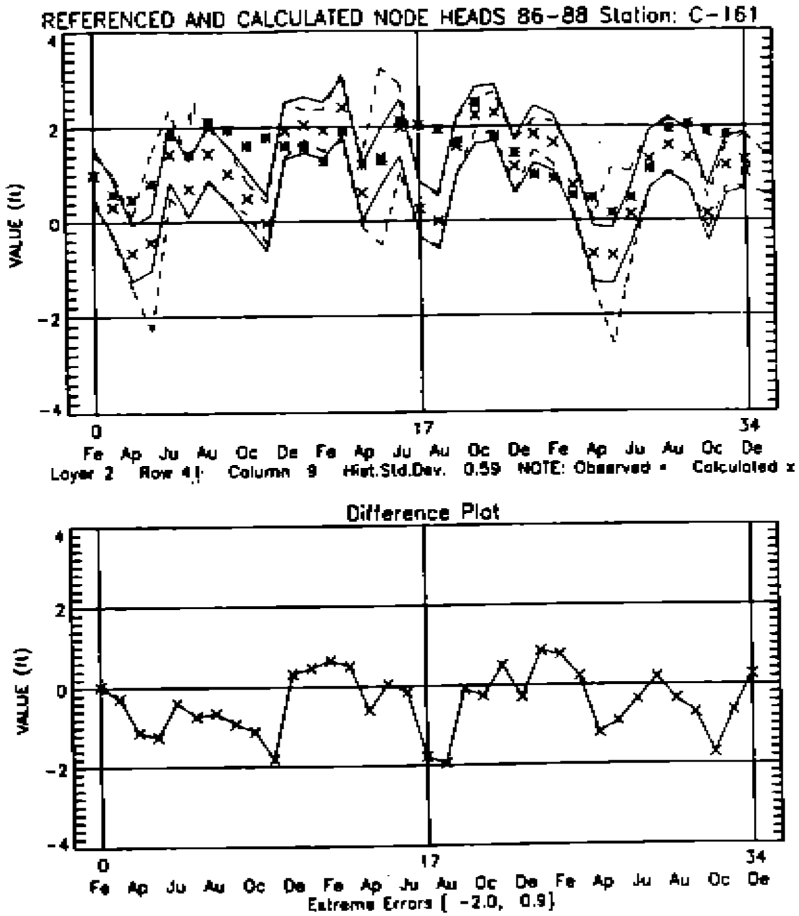

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1002
VALUE (ft)
Layer 2 Row 38 Column 10 Hist.Std.Dev. 1.69 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-2.5, 2.5]

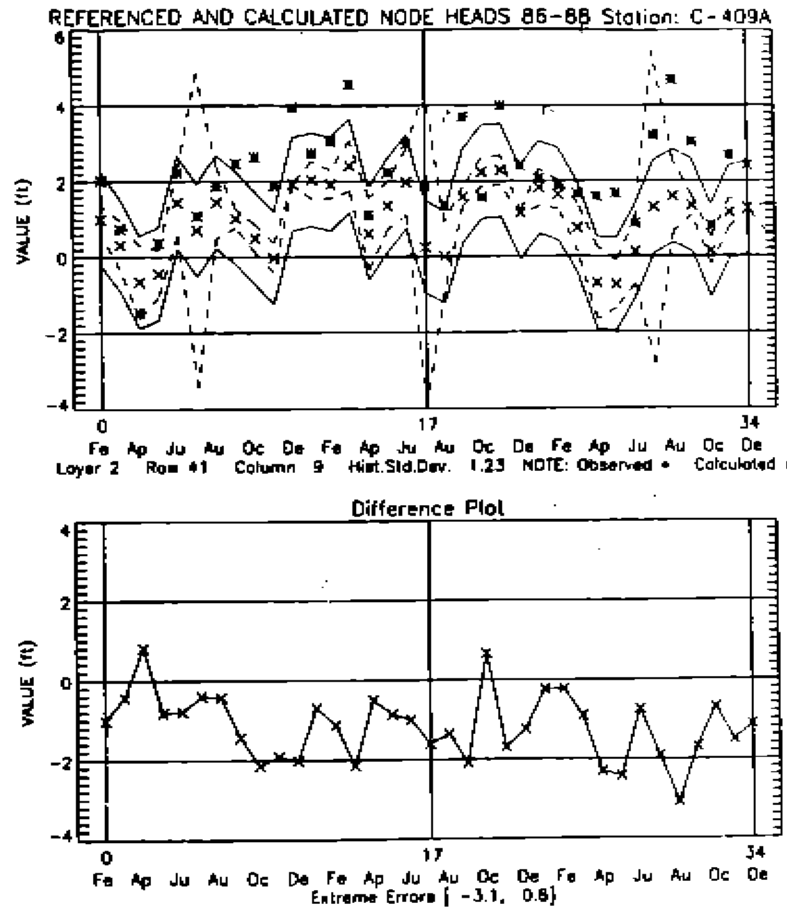

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-527
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 40 Column 5 Hist.Std.Dev. 0.57 NOTE: Observed ▪ Calculated ▪
Difference Plot
Extreme Errors [-3.1, -0.2]

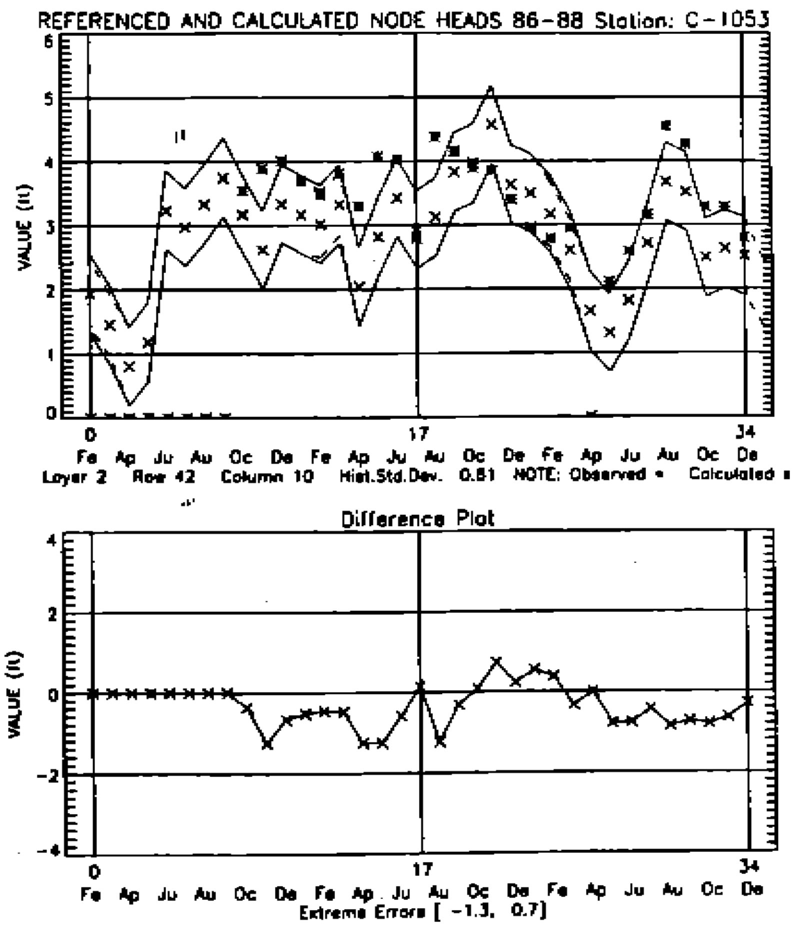

REFERENCED AND CALCULATED NODE HEADS 86-88 Station. C-430
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 39 Column 11 Hist.Std.Dev. 1.29 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-1.3, 1.3]

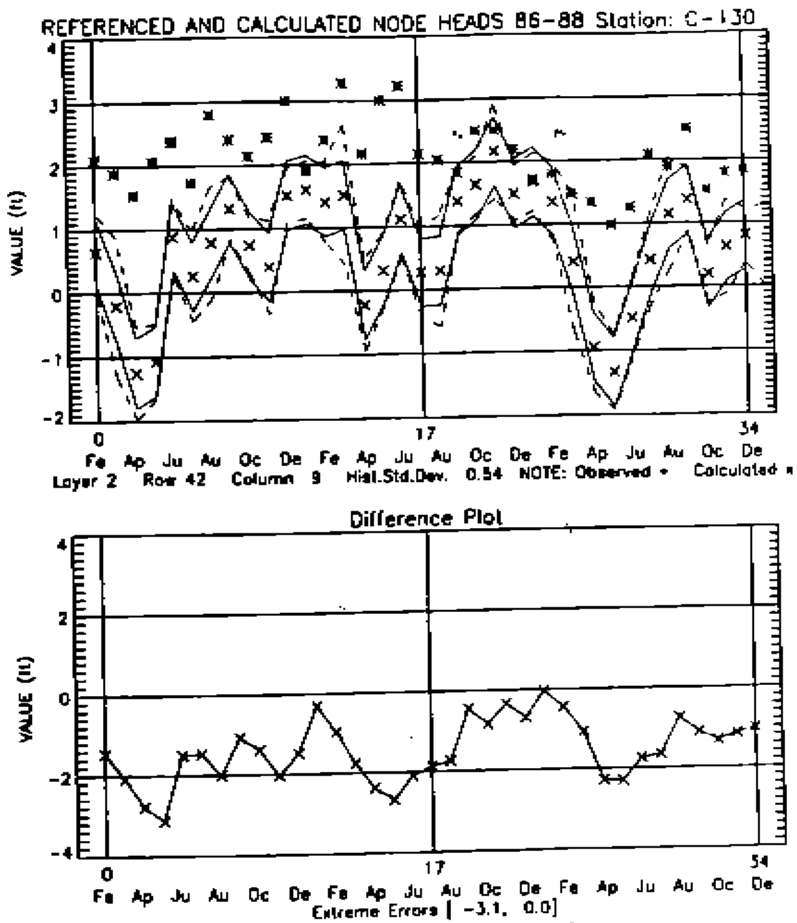

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-526
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 41 Column 8 Hist.Std.Dev. 0.71 NOTE: Observed = Calculated x
Difference Plot
Extreme Errors [-2.7, -0.2]

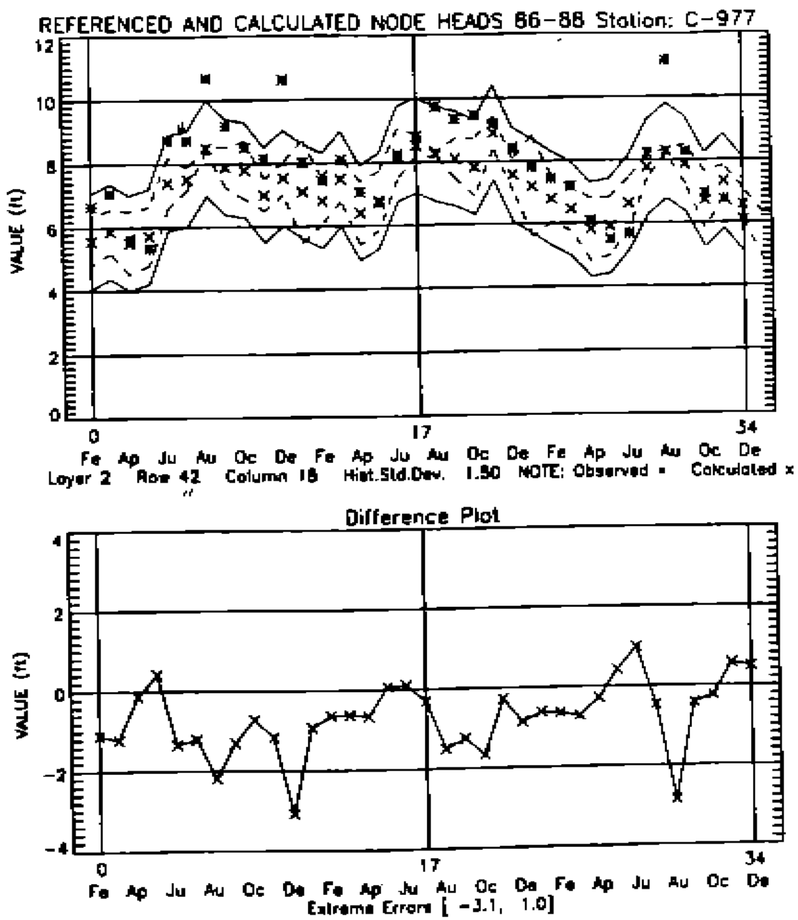

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-491
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 40 Column 9 Hist.Std.Dev. 2.01 NOTE: Observed = Calculated x
Difference Plot
Extreme Errors [-5.8, 1.6]

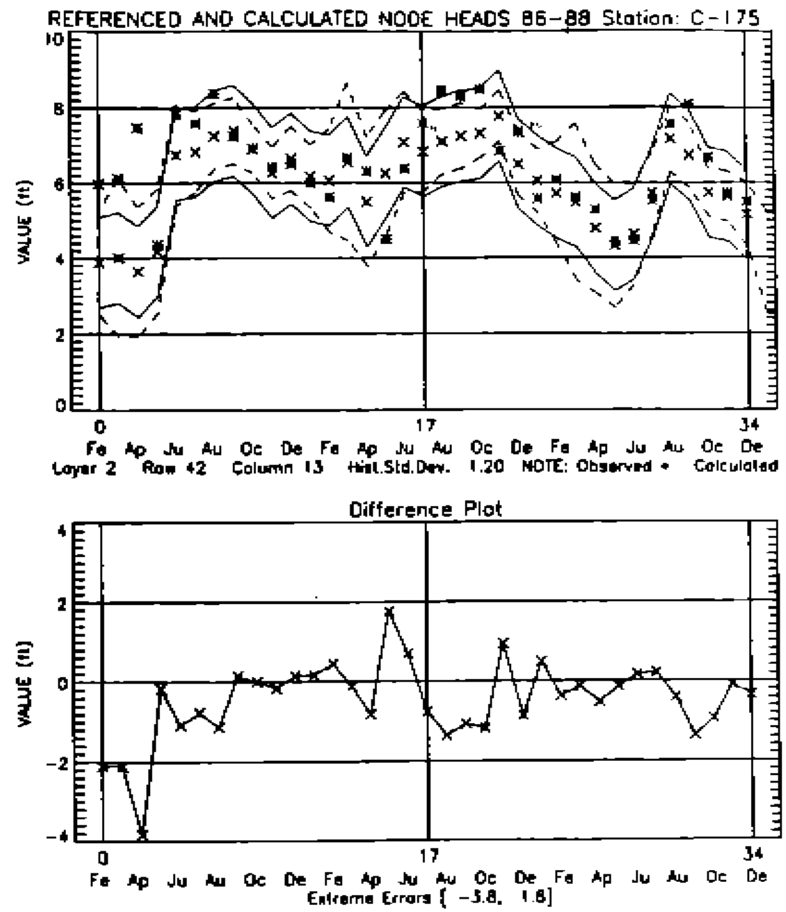

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-161
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 41 Column 9 Hist.Std.Dev. 0.59 NOTE: Observed • Calculated x
Difference Plot
Extreme Errors (-2.0, 0.9)

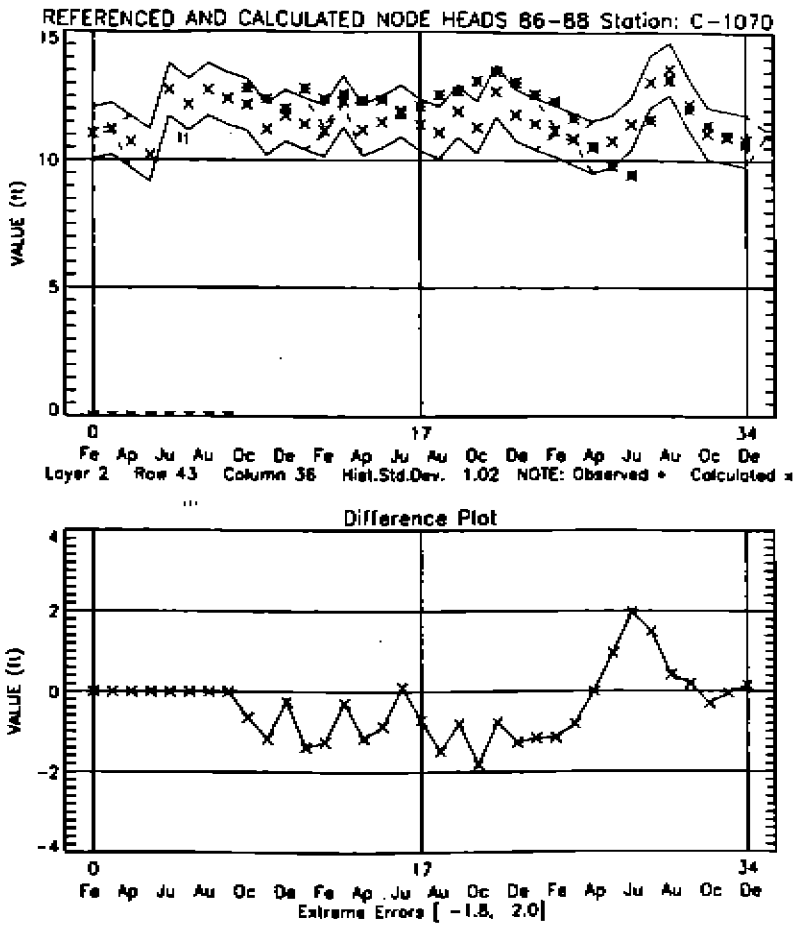

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-409A
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 41 Column 9 Hist.Std.Dev. 1.23 NOTE: Observed • Calculated x
Difference Plot
Extreme Errors (-3.1, 0.8)

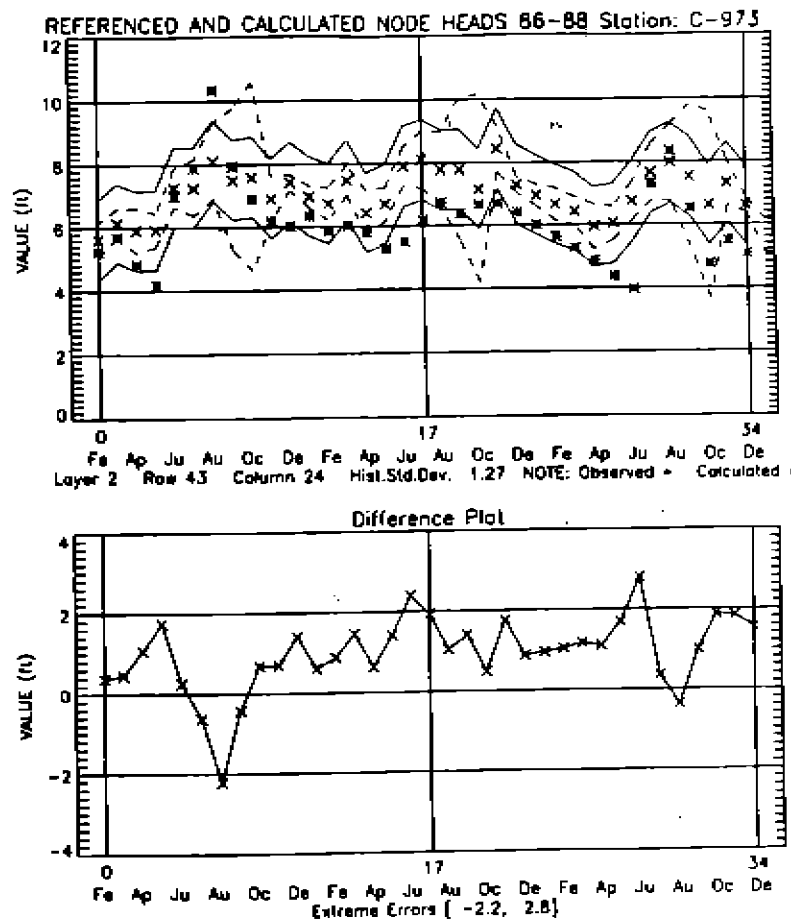

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1053
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 42 Column 10 Hist.Std.Dev. 0.81 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-1.3, 0.7]

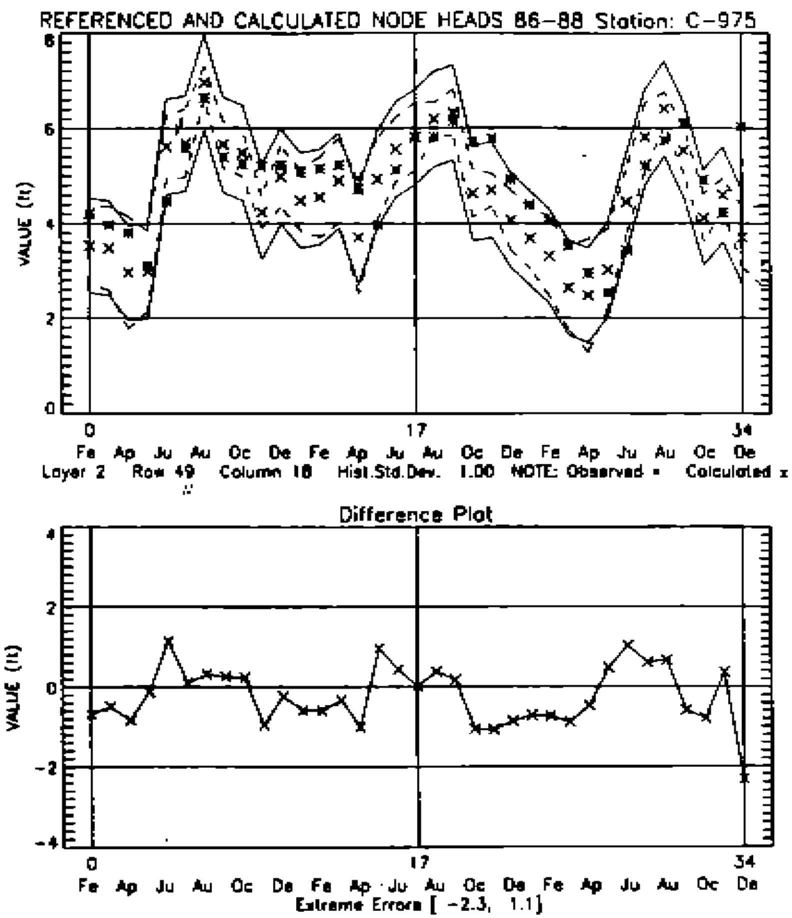

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-130
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 42 Column 9 Hist.Std.Dev. 0.54 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-3.1, 0.0]

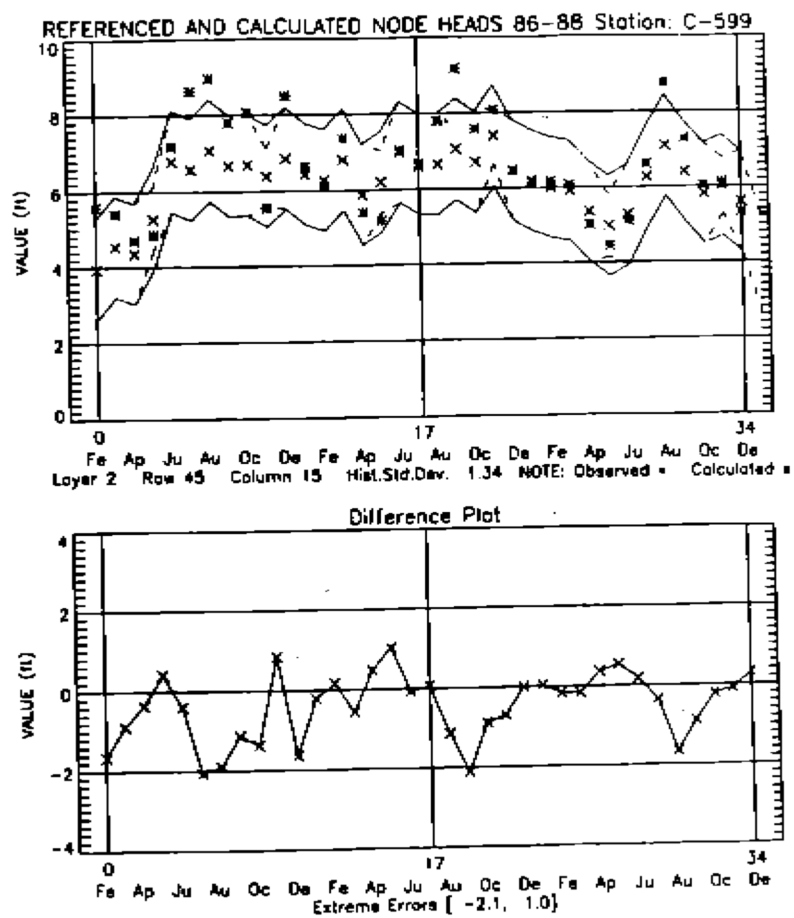

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-977
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 42 Column 18 Hist.Std.Dev. 1.50 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-3.1, 1.0]

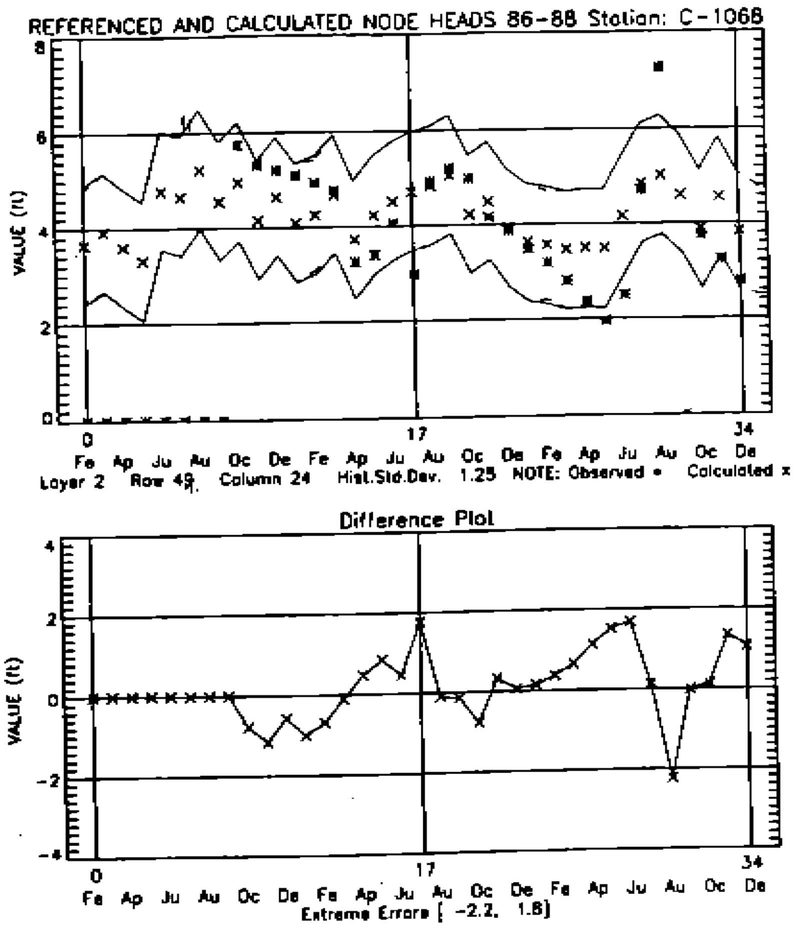

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-175
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 42 Column 13 Hist.Std.Dev. 1.20 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-3.8, 1.8]

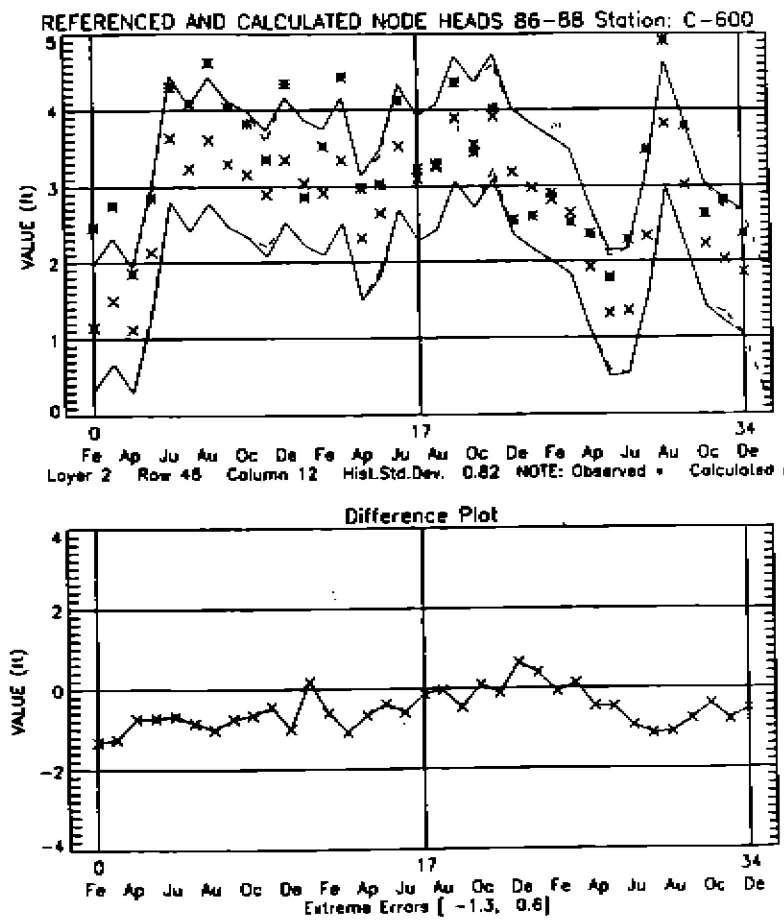

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1070
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 43 Column 36 Hist.Std.Dev. 1.02 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-1.8, 2.0]

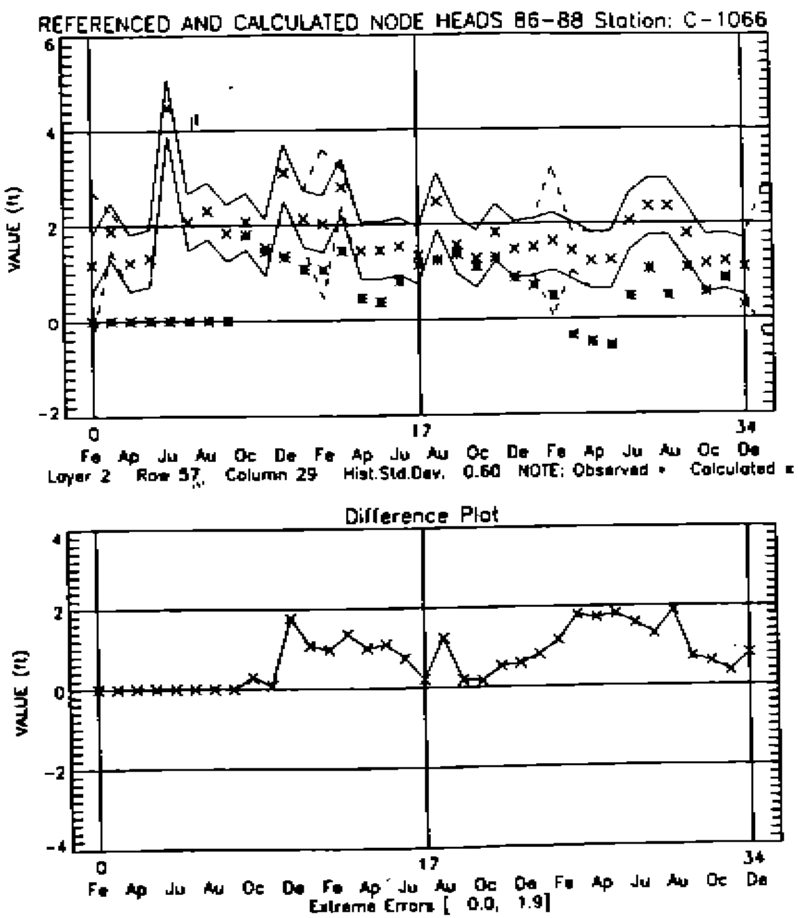

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-973
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 43 Column 24 Hist.Std.Dev. 1.27 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-2.2, 2.8]

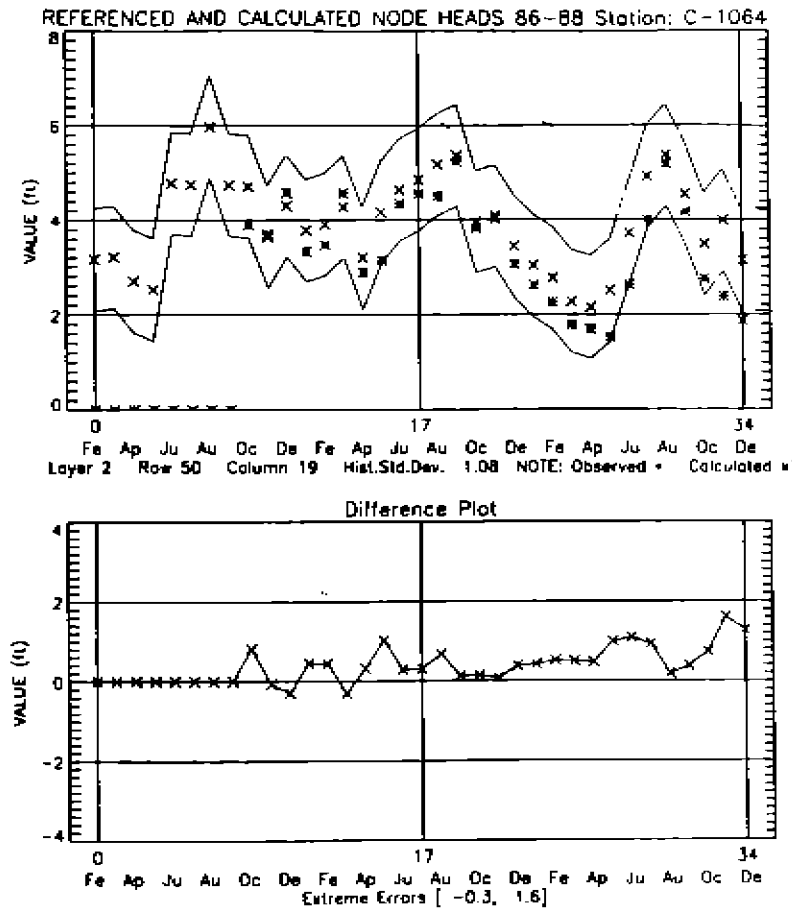

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-975
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 49 Column 18 Hist.Std.Dev. 1.00 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-2.3, 1.1]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-599
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 45 Column 15 Hist.Std.Dev. 1.34 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-2.1, 1.0]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1068
VALUE (ft)
8
6
4
2
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 49 Column 24 Hist.Std.Dev. 1.25 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
4
2
0
-2
-4
Extreme Errors [-2.2, 1.8]

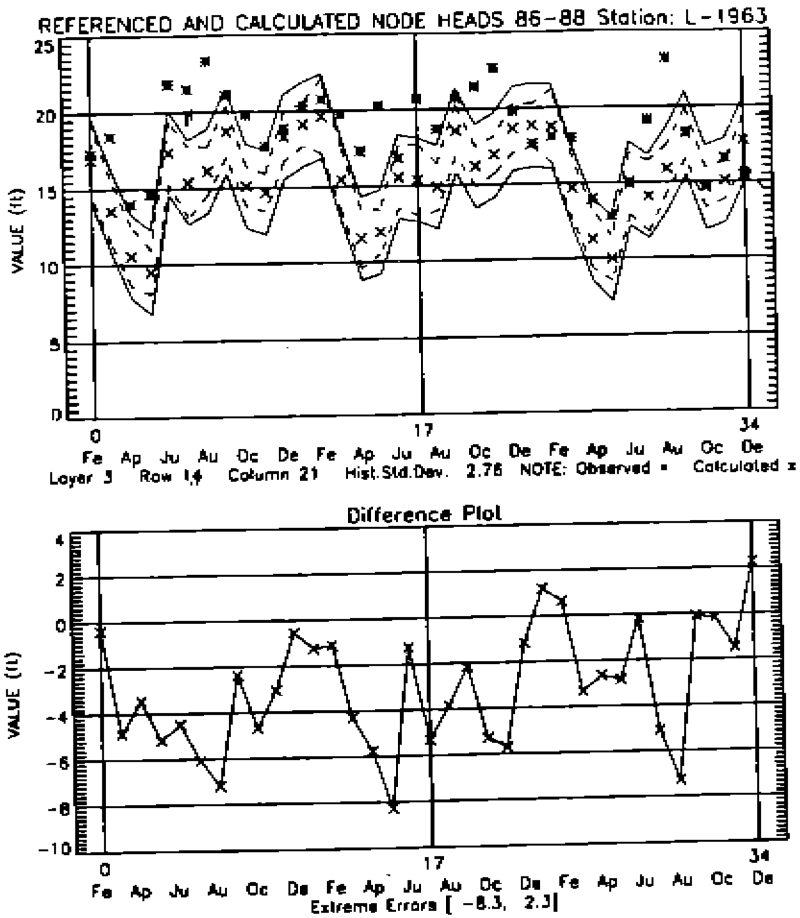

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-600
VALUE (ft)
5
4
3
2
1
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 46 Column 12 Hist.Std.Dev. 0.82 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
4
2
0
-2
-4
Extreme Errors [-1.3, 0.6]

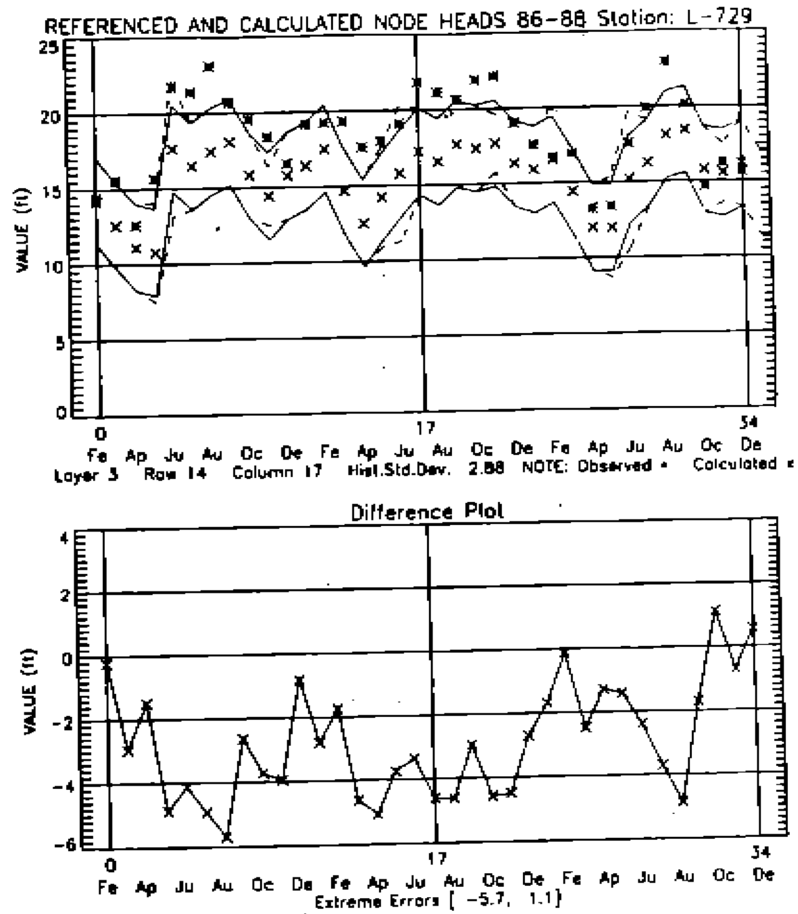

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1066
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 57 Column 29 Hist.Std.Dev. 0.60 NOTE: Observed • Calculated ж
Difference Plot
Extreme Errors [0.0, 1.9]

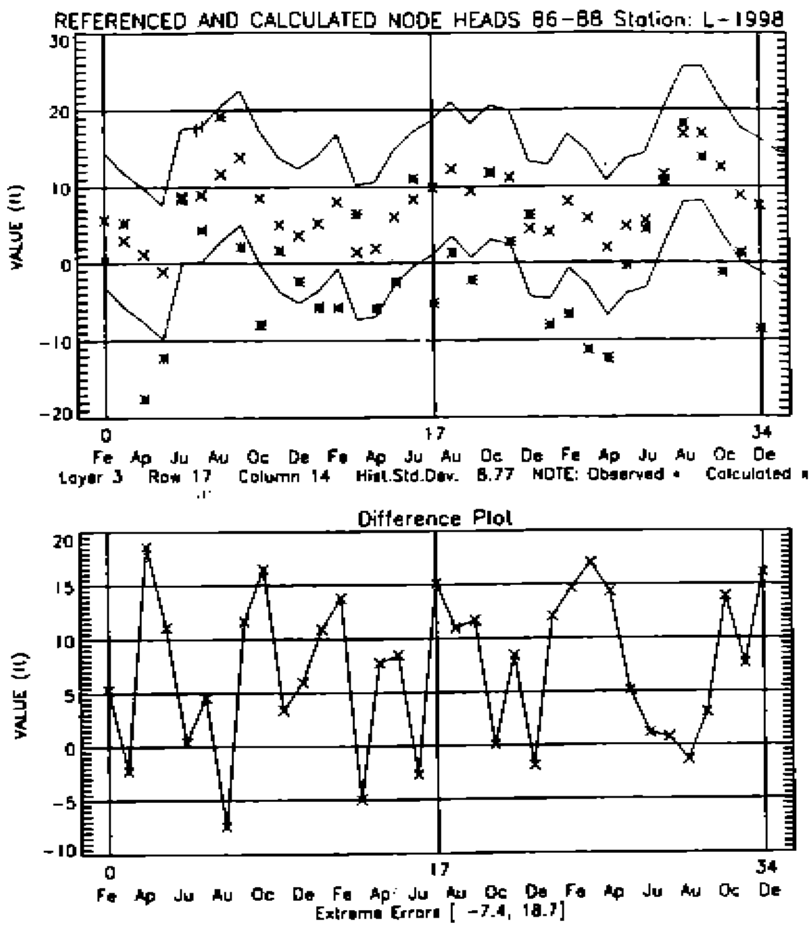

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1064
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 2 Row 50 Column 19 Hist.Std.Dev. 1.08 NOTE: Observed • Calculated ж
Difference Plot
Extreme Errors [-0.3, 1.6]

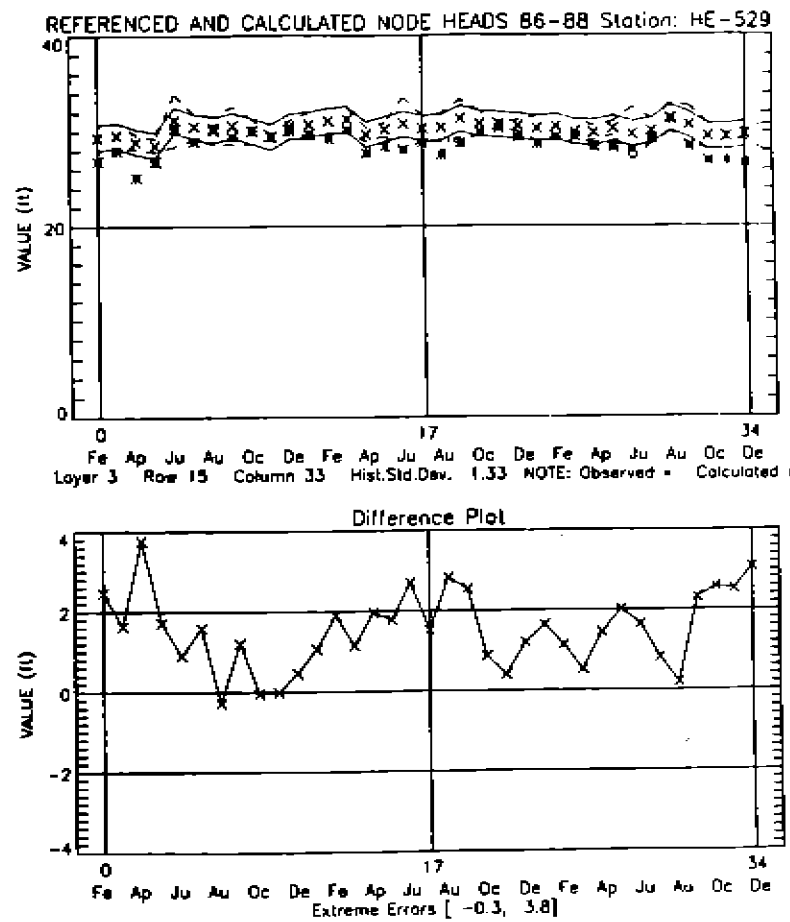
LAYER 3

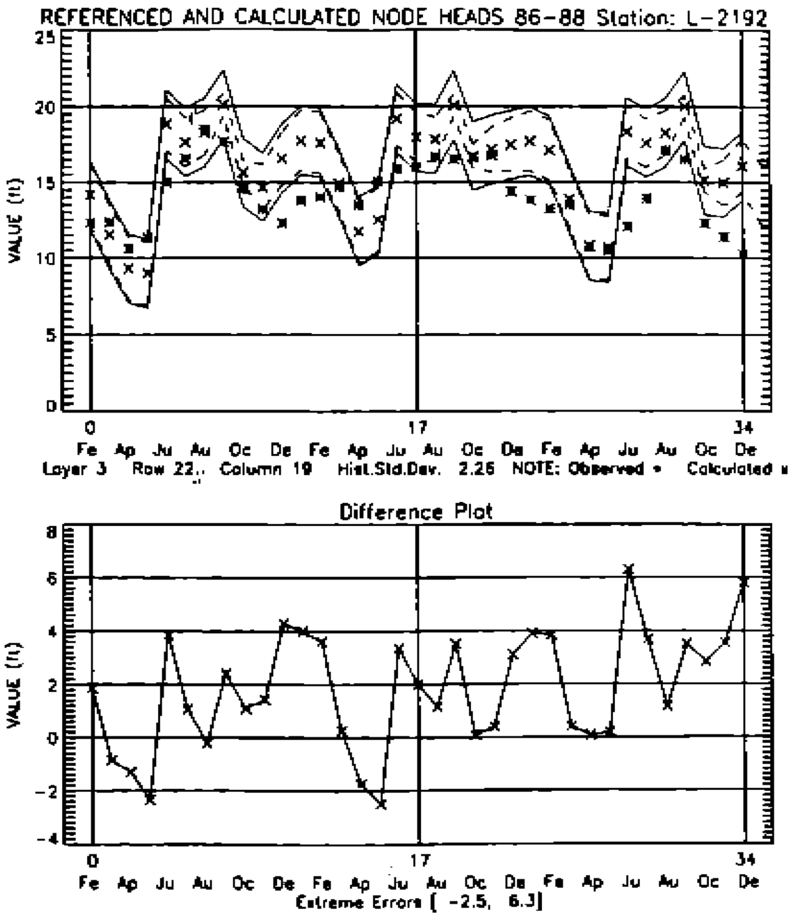
SANDSTONE AQUIFER
COMPARATIVE HYDROGRAPHS

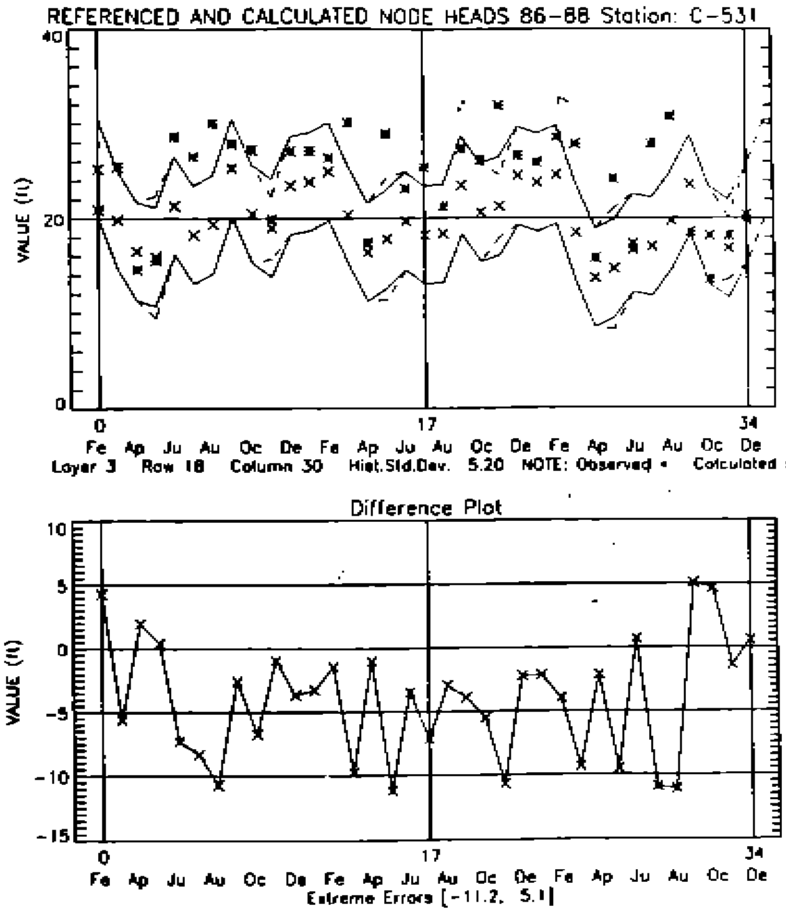

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1963
VALUE (ft)
Layer 3 Row 14 Column 21 Hist.Std.Dev. 2.76 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-8.3, 2.3]

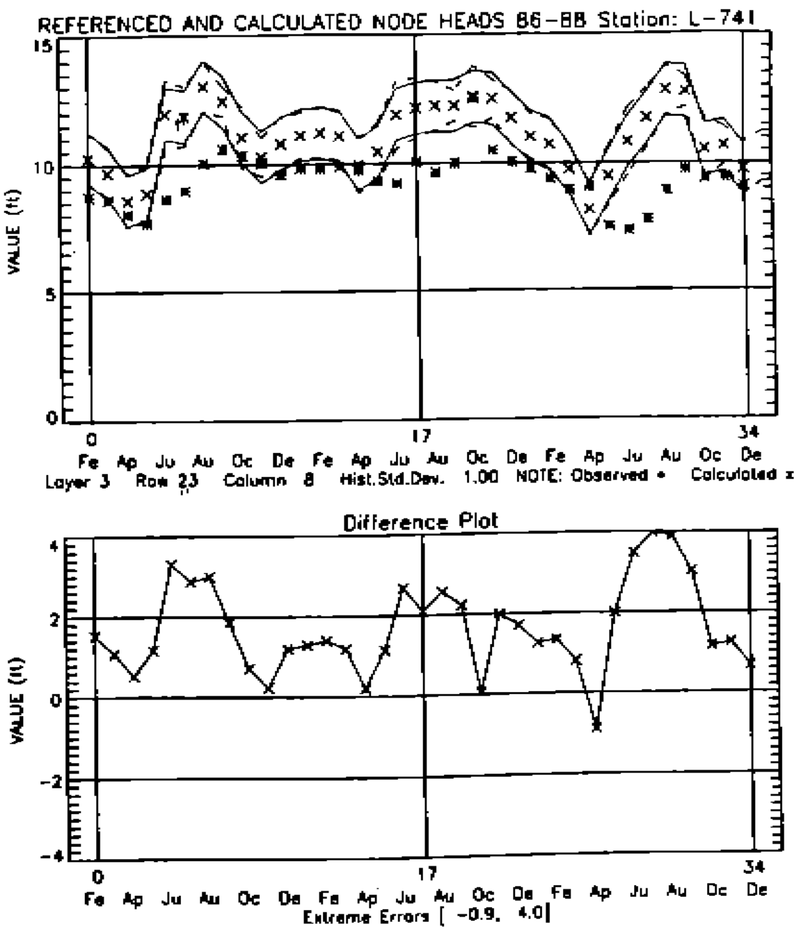

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-729
VALUE (ft)
Layer 3 Row 14 Column 17 Hist.Std.Dev. 2.88 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-5.7, 1.1]

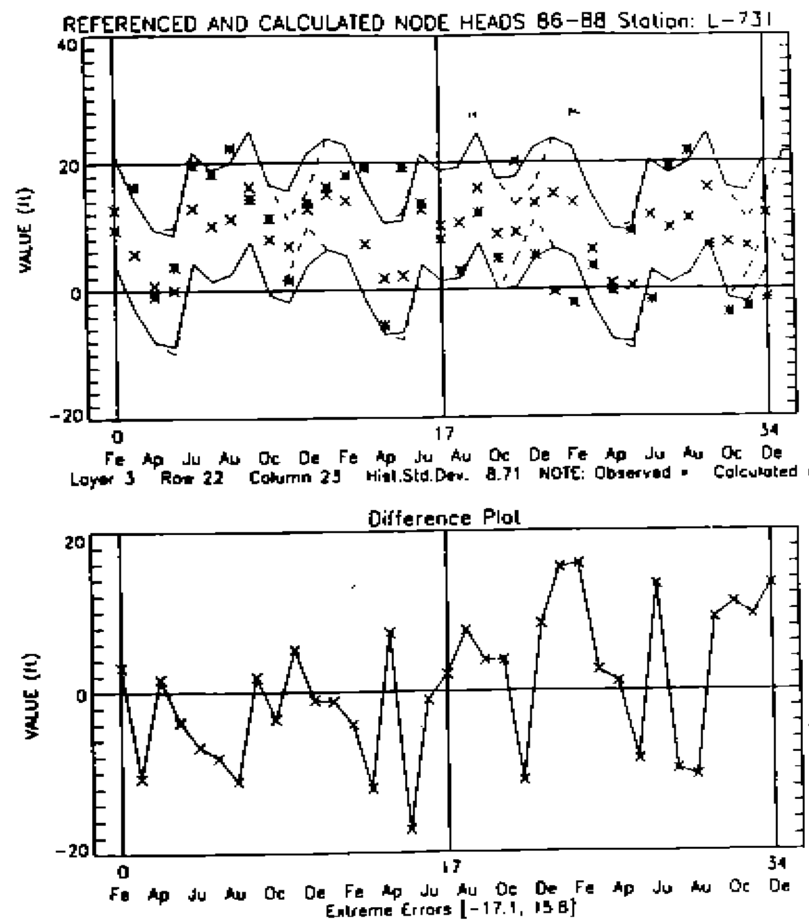

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-1998
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 17 Column 14 Hist.Std.Dev. 8.77 NOTE: Observed • Calculated ×
Difference Plot
Extreme Errors [-7.4, 18.7]

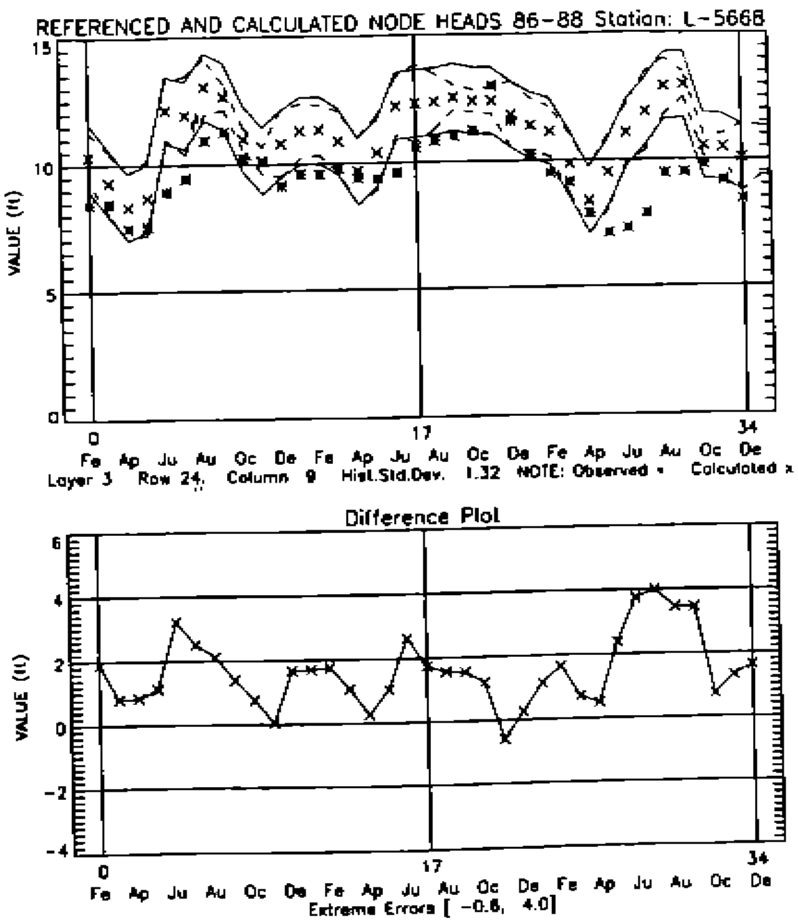

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: HE-529
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 15 Column 33 Hist.Std.Dev. 1.33 NOTE: Observed • Calculated ×
Difference Plot
Extreme Errors [-0.3, 3.8]

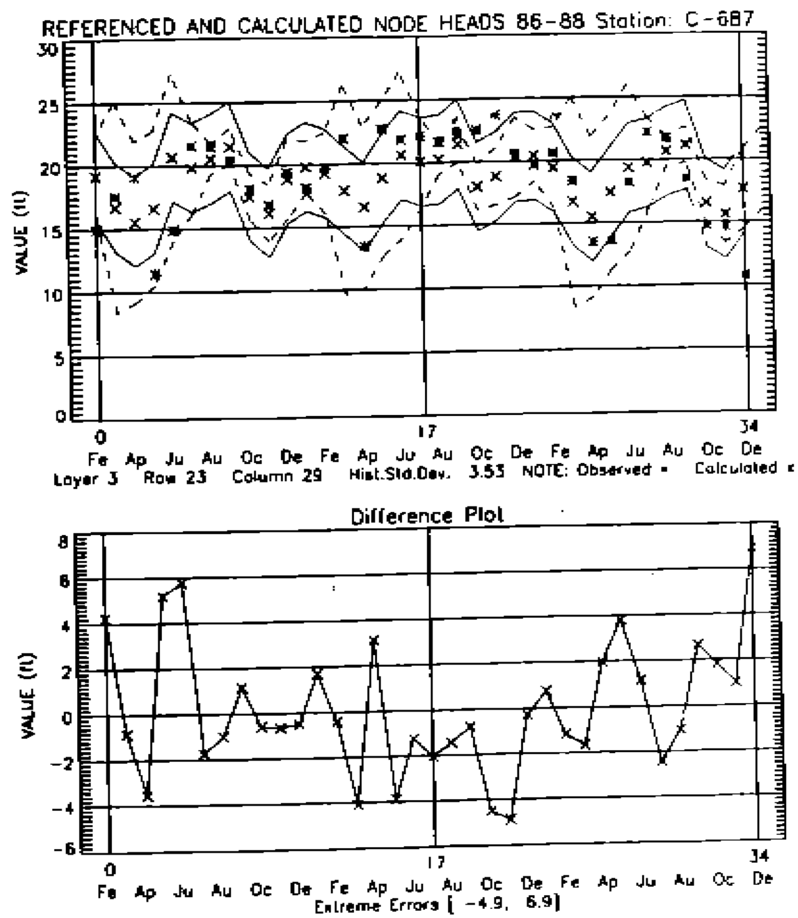

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-2192
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 22 Column 19 Hist.Std.Dev. 2.26 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-2.5, 6.3]

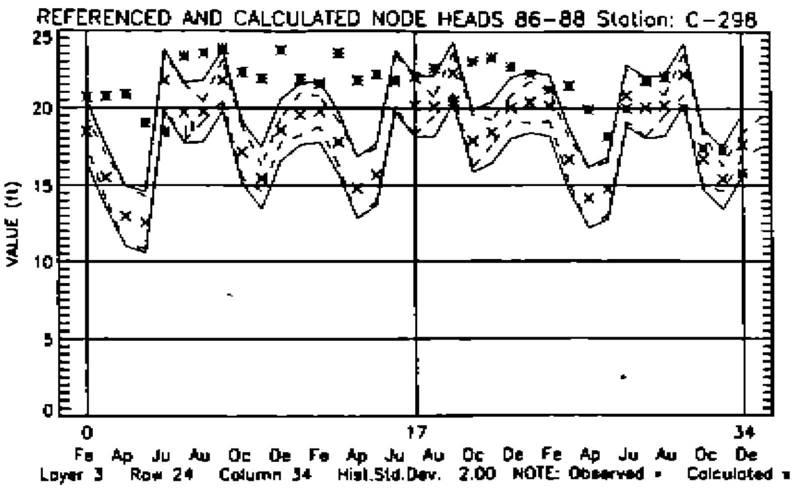

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-531
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 18 Column 30 Hist.Std.Dev. 5.20 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-11.2, 5.1]

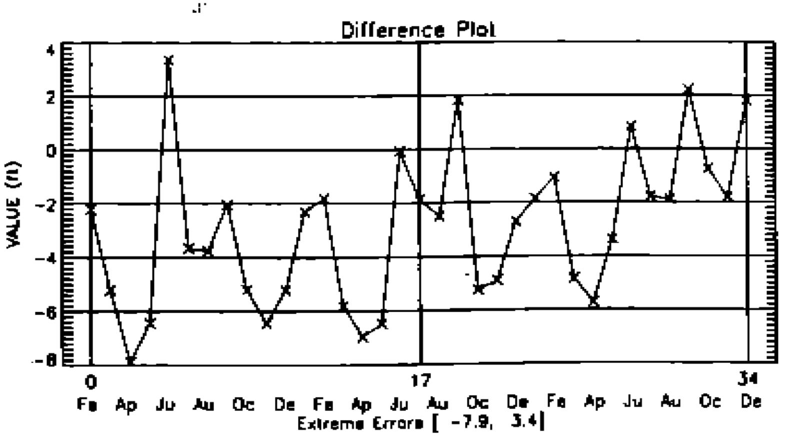

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-741
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 23 Column 8 Hist.Std.Dev. 1.00 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.9, 4.0]

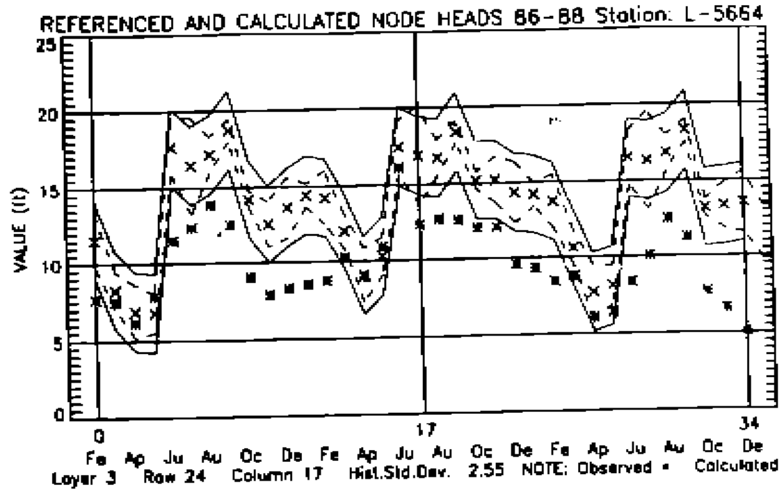

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-731
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 22 Column 23 Hist.Std.Dev. 8.71 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-17.1, 15.8]

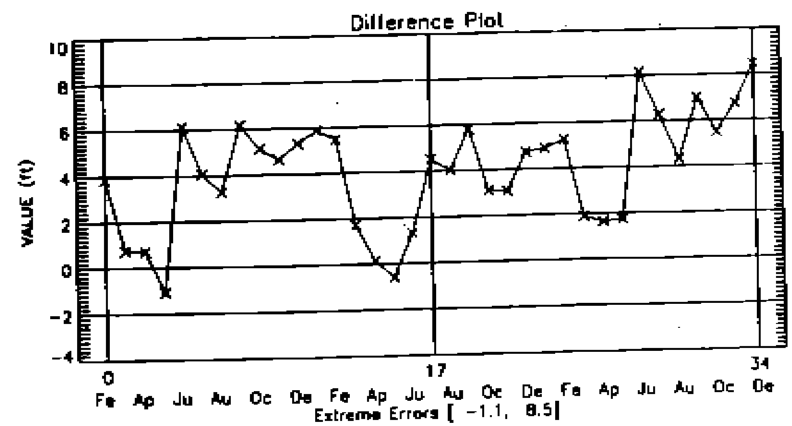

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5668
VALUE (ft)
Layer 3 Row 24 Column 9 Hist.Std.Dev. 1.32 NOTE: Observed * Calculated x
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Difference Plot
Extreme Errors [-0.6, 4.0]

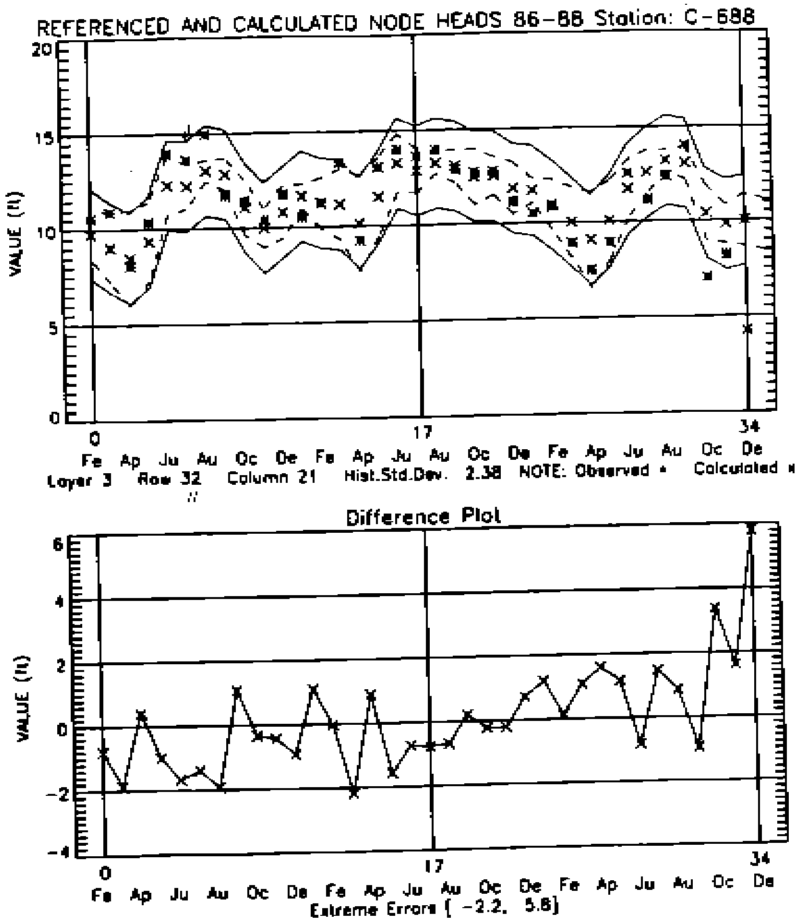

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-687
VALUE (ft)
Layer 3 Row 23 Column 29 Hist.Std.Dev. 3.53 NOTE: Observed * Calculated x
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Difference Plot
Extreme Errors [-4.9, 6.9]

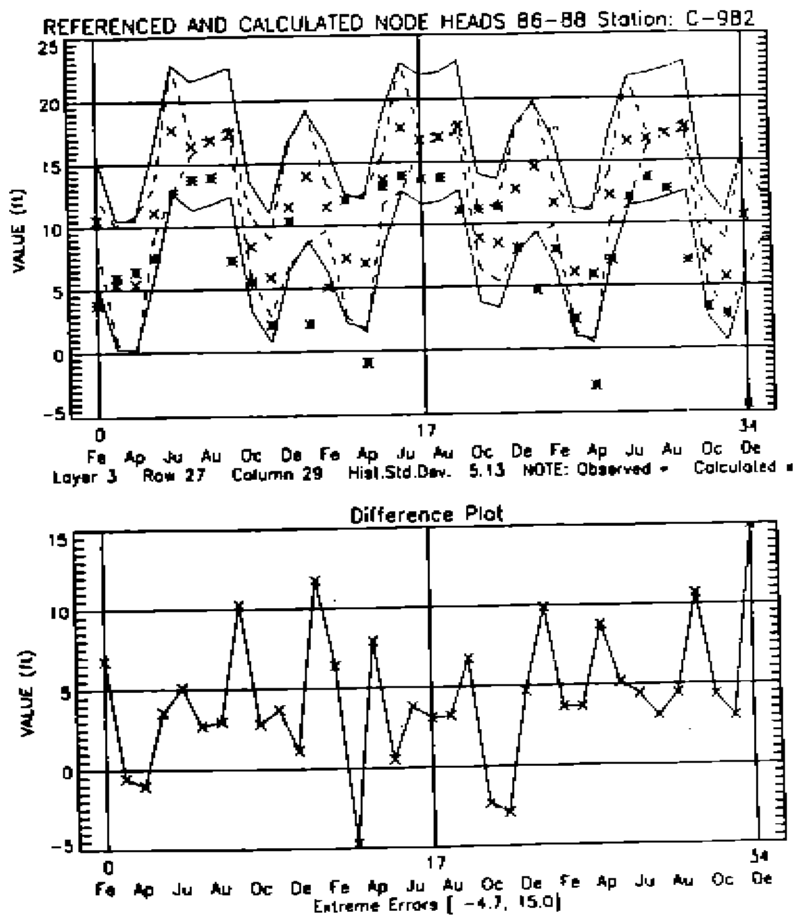

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-298
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 24 Column 34 Hist.Std.Dev. 2.00 NOTE: Observed * Calculated x

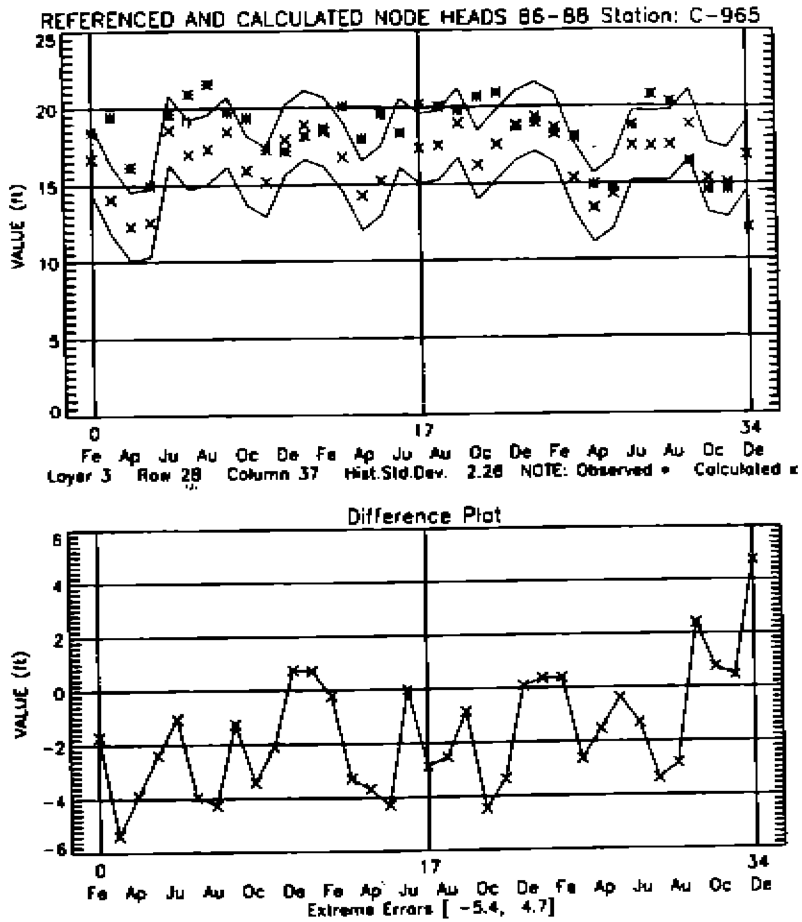

Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-7.9, 3.4]

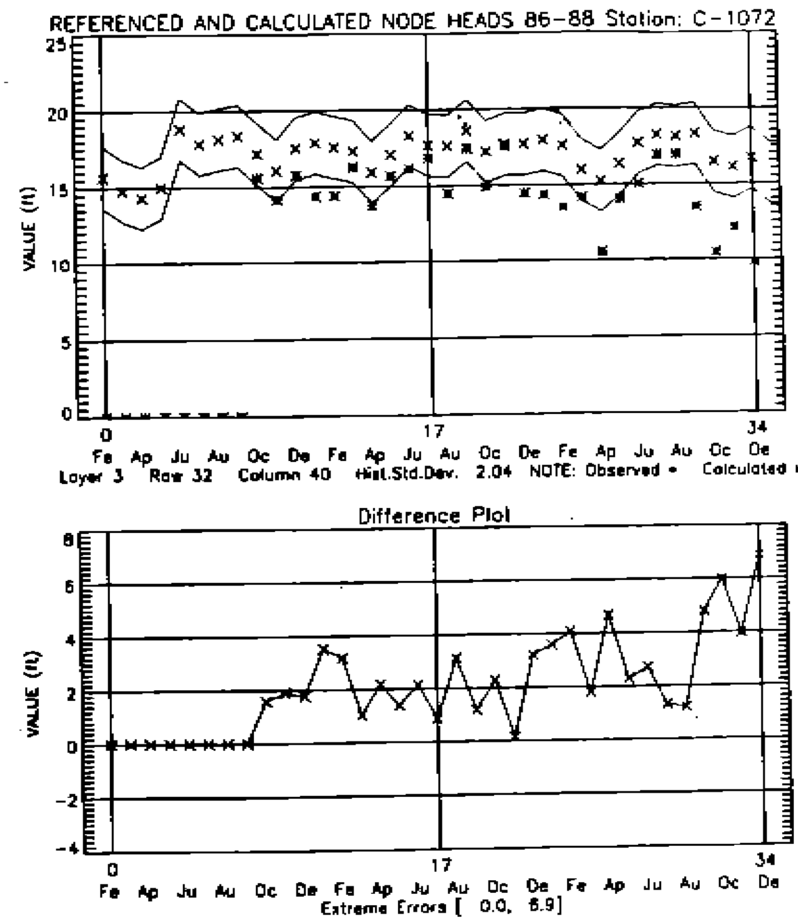

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-5664
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 24 Column 17 Hist.Std.Dev. 2.55 NOTE: Observed * Calculated x

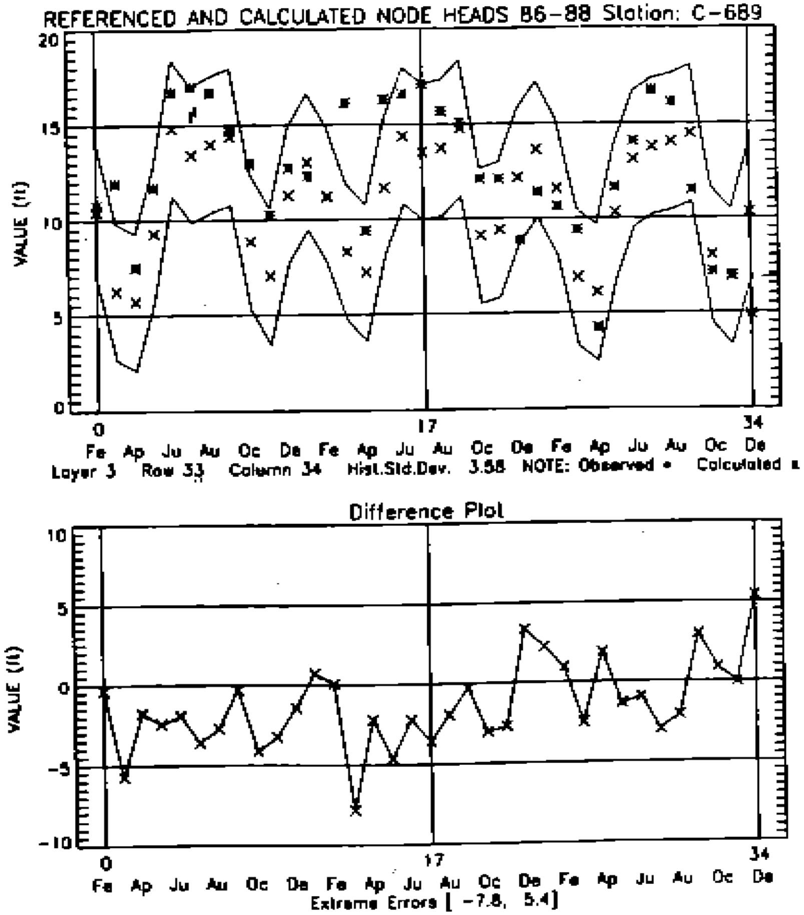

Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-1.1, 8.5]

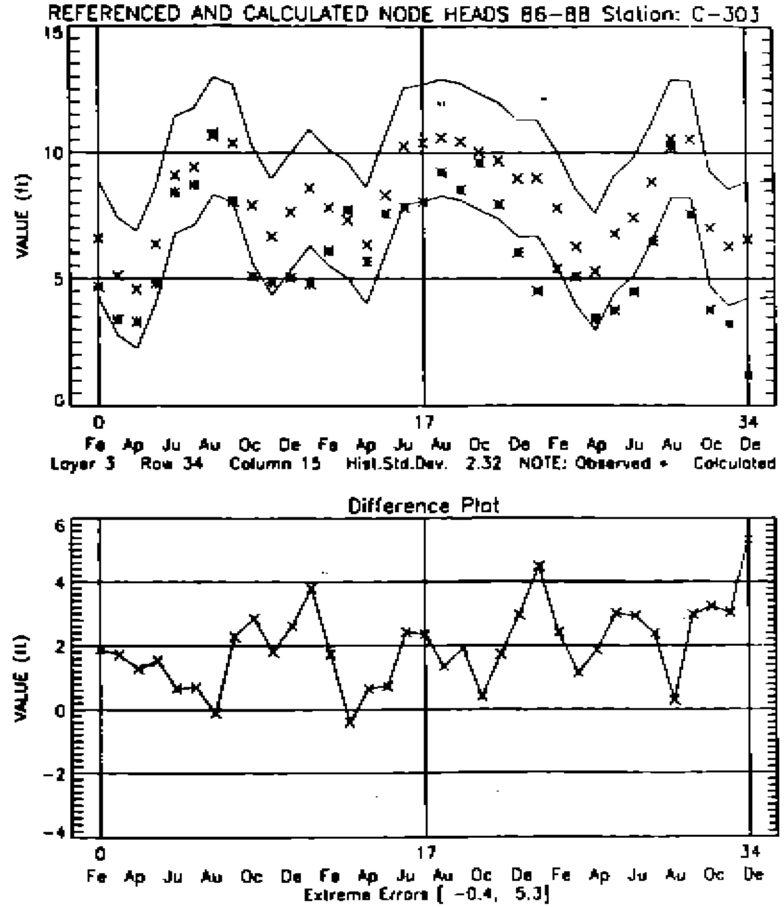

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-688
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 32 Column 21 Hist.Std.Dev. 2.38 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-2.2, 5.8]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-982
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 27 Column 29 Hist.Std.Dev. 5.13 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-4.7, 15.0]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-965
VALUE (ft)
25
20
15
10
5
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 28 Column 37 Hist.Std.Dev. 2.28 NOTE: Observed * Calculated x
Difference Plot
6
4
2
0
-2
-4
-6
Extreme Errors [-5.4, 4.7]

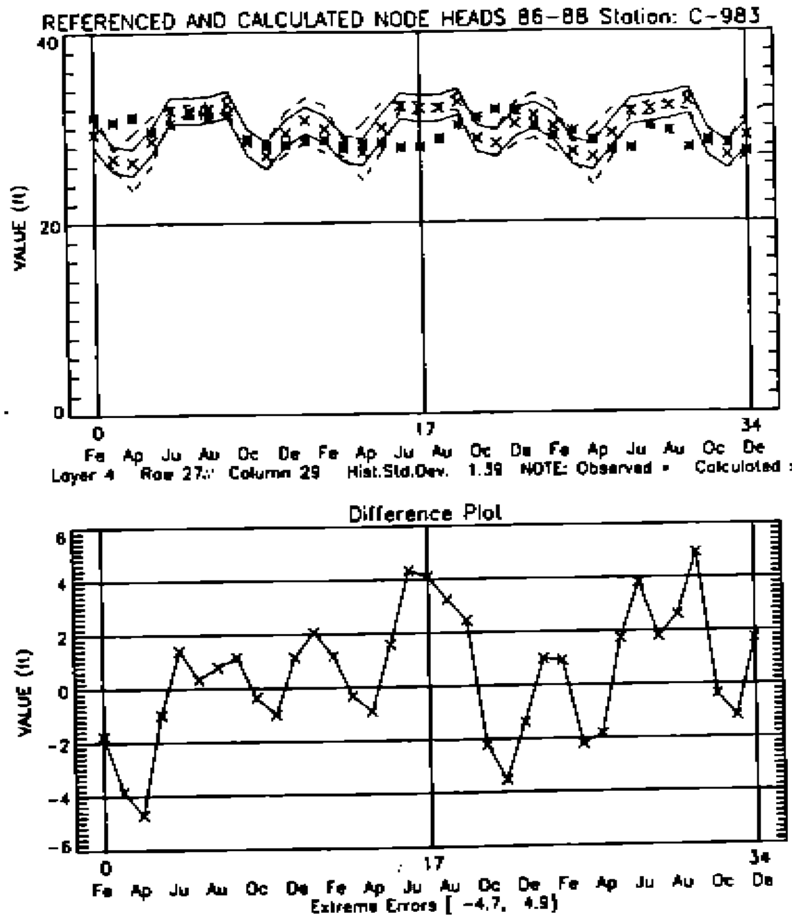

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-1072
VALUE (ft)
25
20
15
10
5
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 32 Column 40 Hist.Std.Dev. 2.04 NOTE: Observed * Calculated x
Difference Plot
8
6
4
2
0
-2
-4
Extreme Errors [0.0, 6.9]

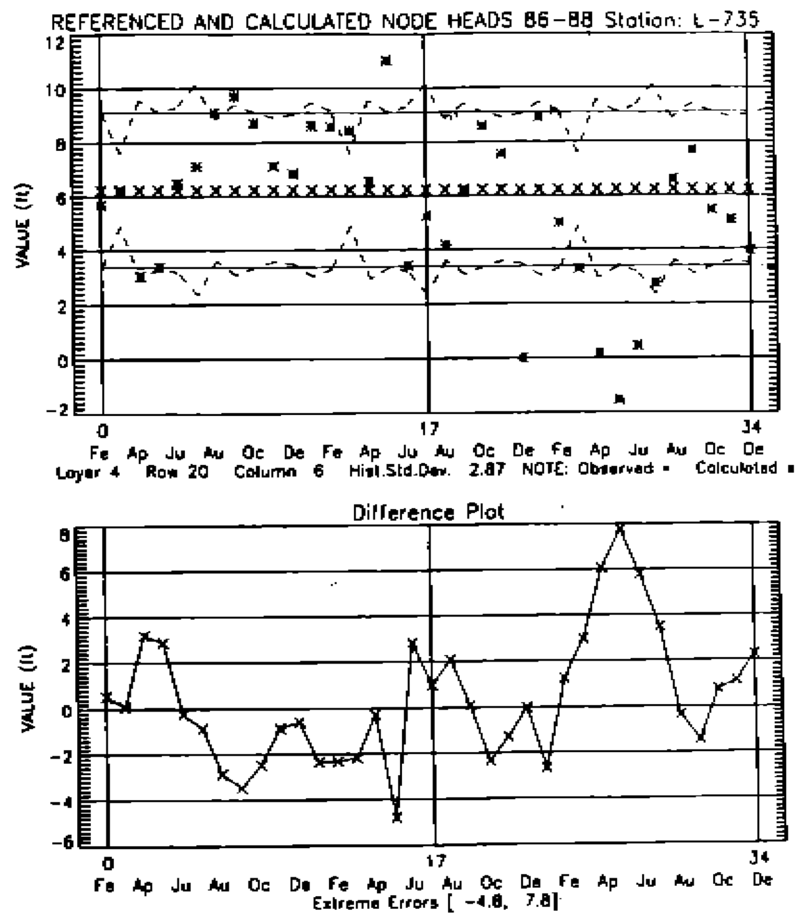

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-689
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 33 Column 34 Hist.Std.Dev. 3.58 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-7.8, 5.4]

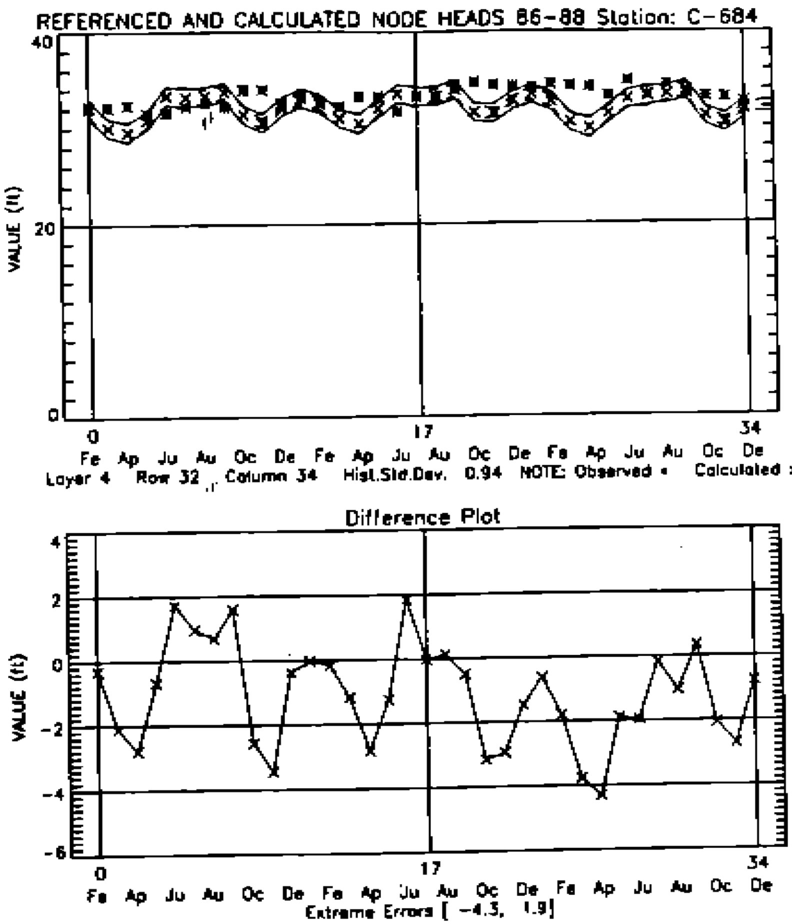

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-303
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 3 Row 34 Column 15 Hist.Std.Dev. 2.32 NOTE: Observed * Calculated x
Difference Plot
Extreme Errors [-0.4, 5.3]

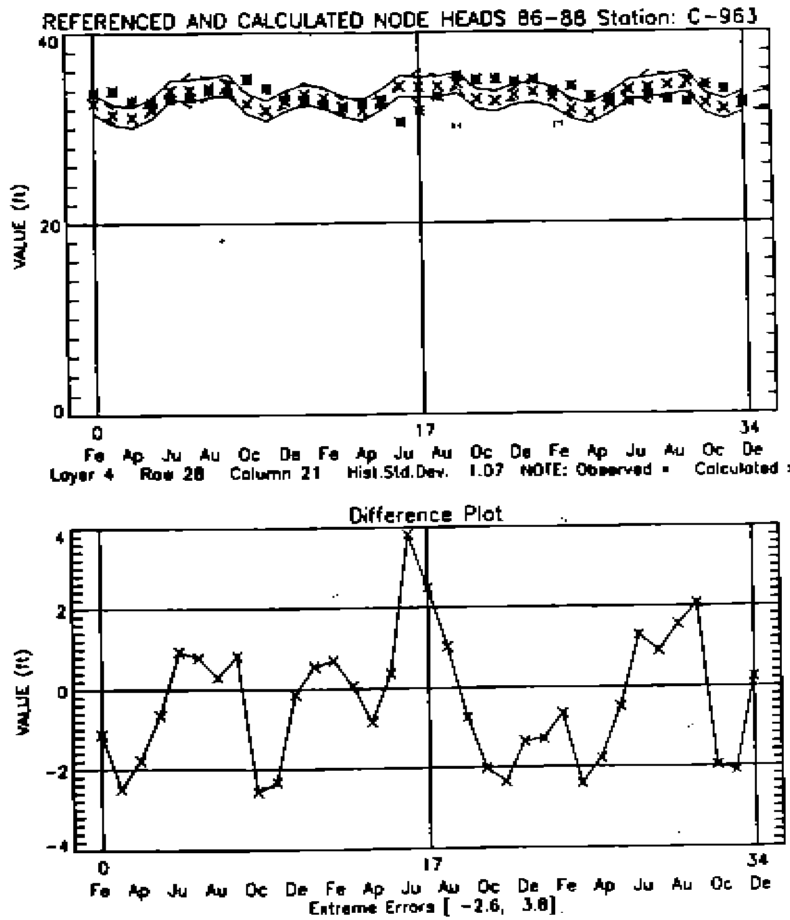
LAYER 4

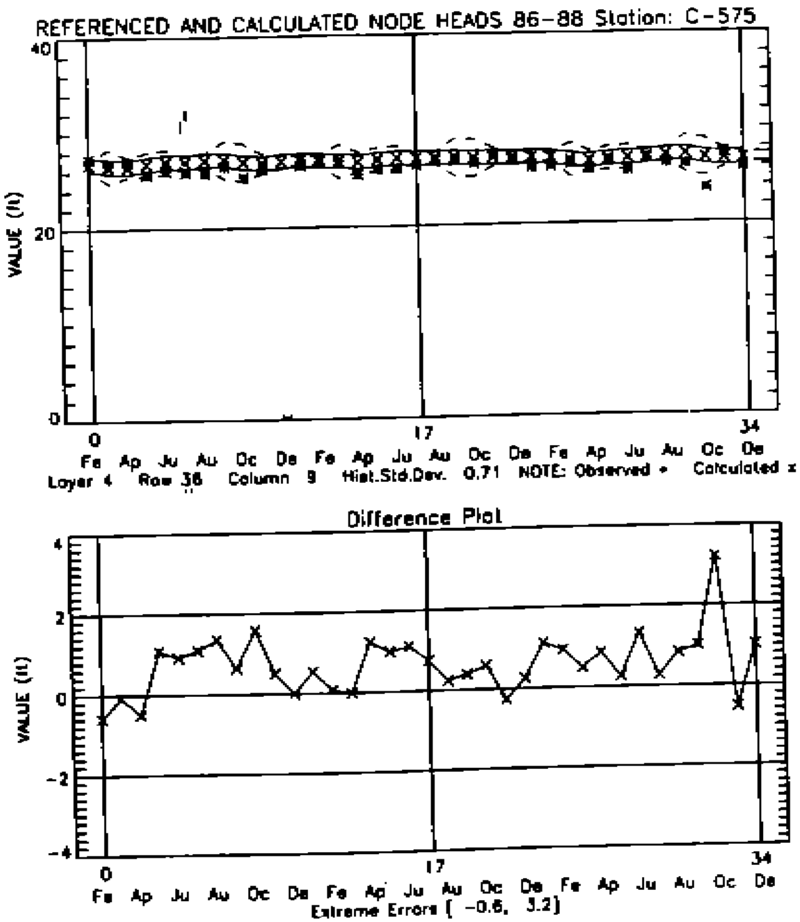
MID-HAWTHORN AQUIFER
COMPARATIVE HYDROGRAPHS

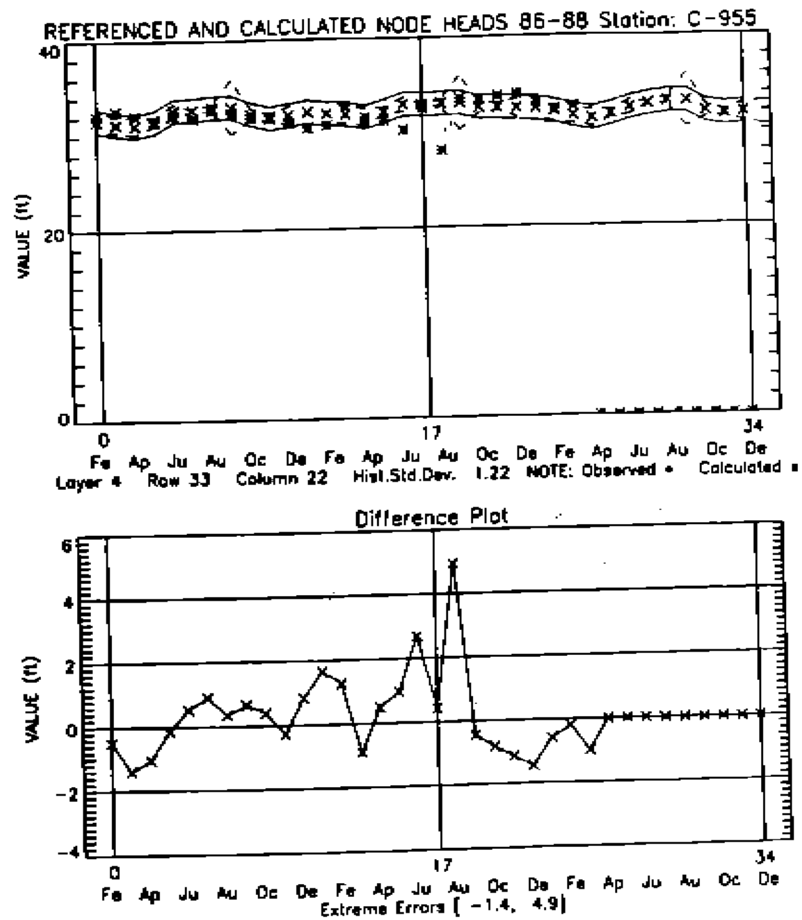

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-983
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 27 Column 29 Hist.Std.Dev. 1.39 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-4.7, 4.9]

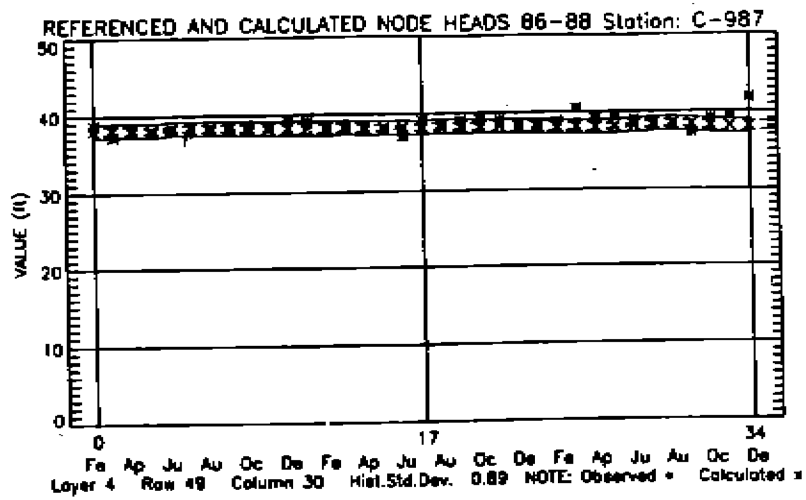

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: L-735
VALUE (ft)
0 17 34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 20 Column 6 Hist.Std.Dev. 2.87 NOTE: Observed ▪ Calculated x
Difference Plot
Extreme Errors [-4.8, 7.8]

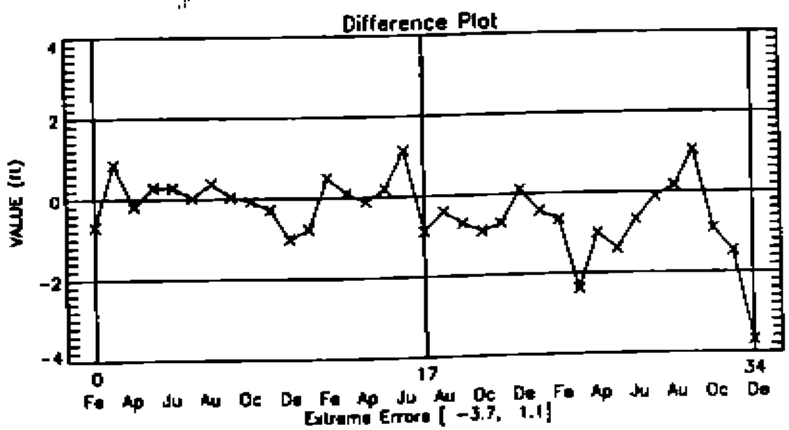

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-684
VALUE (ft)
40
20
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 32 Column 34 Hist.Std.Dev. 0.94 NOTE: Observed ■ Calculated x
Difference Plot
4
2
0
-2
-4
-6
Extreme Errors [-4.3, 1.9]

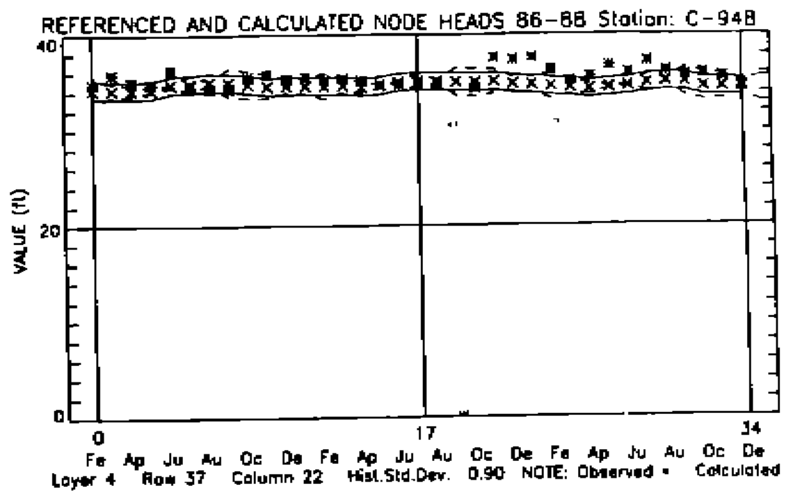

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-963
VALUE (ft)
40
20
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 28 Column 21 Hist.Std.Dev. 1.07 NOTE: Observed ■ Calculated x
Difference Plot
4
2
0
-2
-4
Extreme Errors [-2.6, 3.8]

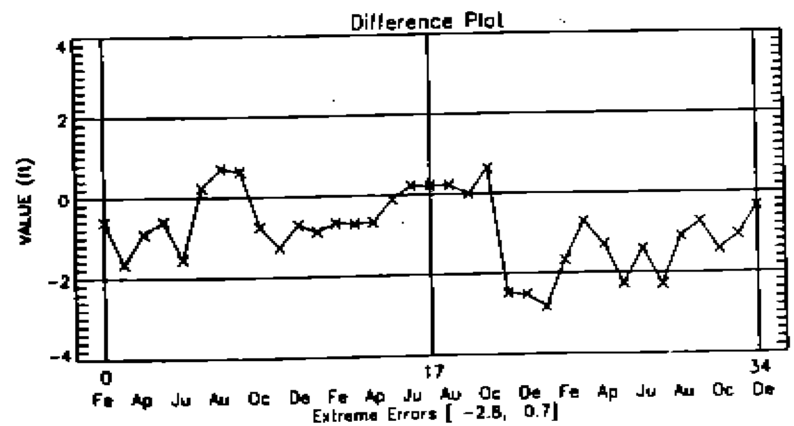

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-575
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 36 Column 9 Hist.Std.Dev. 0.71 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-0.6, 3.2]

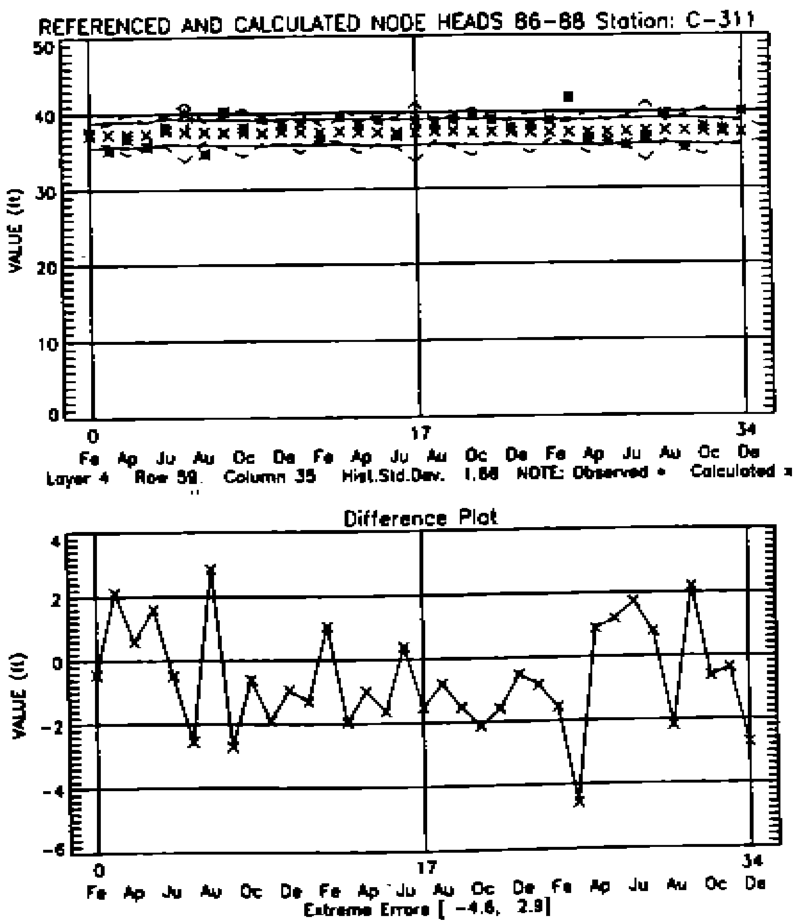

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-955
VALUE (ft)
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 33 Column 22 Hist.Std.Dev. 1.22 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-1.4, 4.9]

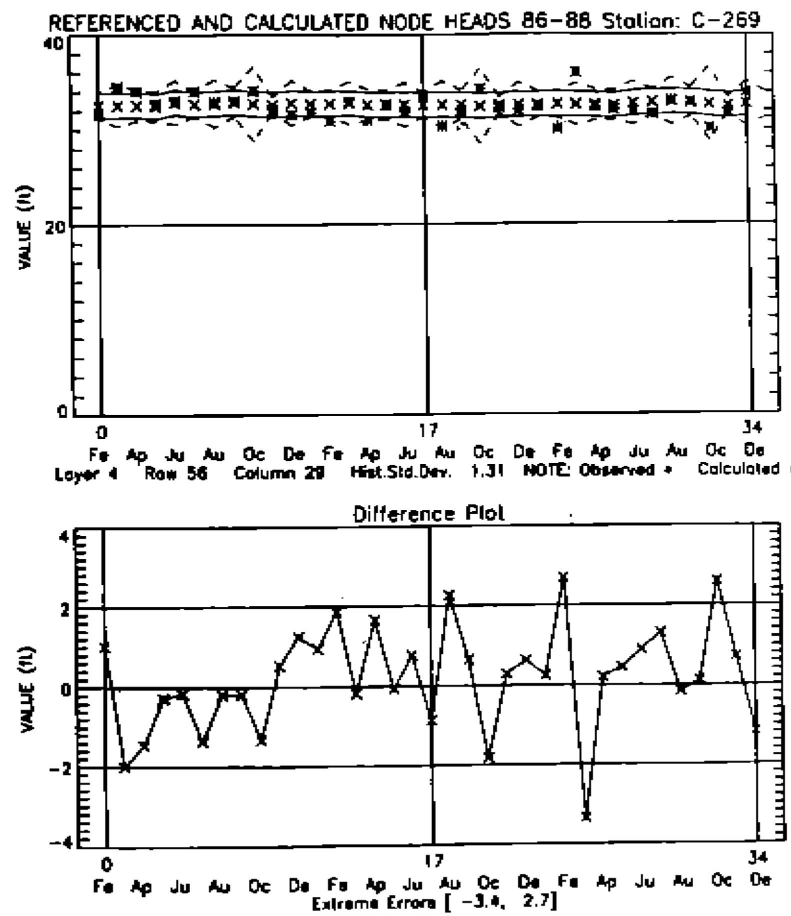

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-987
VALUE (ft)
50
40
30
20
10
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 49 Column 30 Hist.Std.Dev. 0.89 NOTE: Observed * Calculated x


Difference Plot
VALUE (ft)
4
2
0
-2
-4
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-3.7, 1.1]

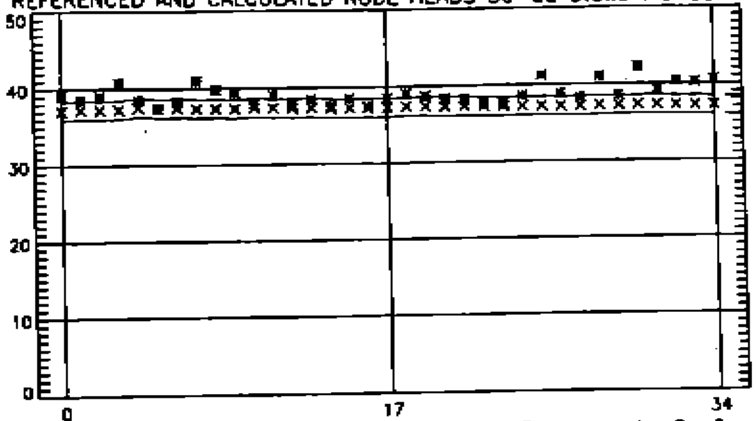

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-948
VALUE (ft)
40
20
0
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Layer 4 Row 37 Column 22 Hist.Std.Dev. 0.90 NOTE: Observed * Calculated x


Difference Plot
VALUE (ft)
4
2
0
-2
-4
0
17
34
Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De Fe Ap Ju Au Oc De
Extreme Errors [-2.8, 0.7]


REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-311
VALUE (ft)
Layer 4 Row 59 Column 35 Hist.Std.Dev. 1.68 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-4.6, 2.9]

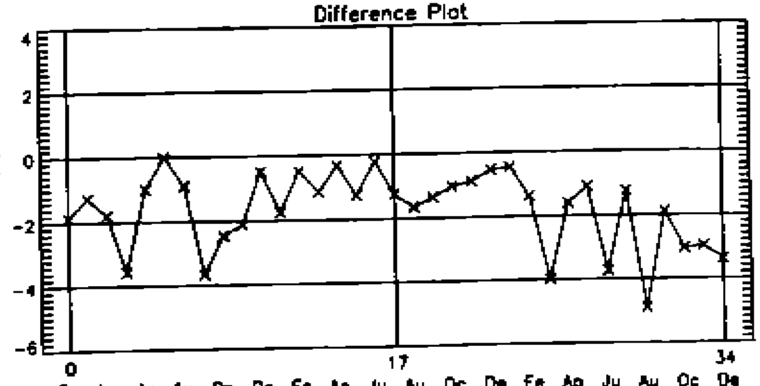

REFERENCED AND CALCULATED NODE HEADS 86-88 Station: C-269
VALUE (ft)
Layer 4 Row 56 Column 29 Hist.Std.Dev. 1.31 NOTE: Observed * Calculated x
Difference Plot
VALUE (ft)
Extreme Errors [-3.4, 2.7]

REFERENCED AND CALCULATED NODE HEADS 86–88 Station: C-39



Layer 4 Row 62 Column 35 Hist.Std.Dev. 1.20 NOTE: Observed ▪ Calculated x

Difference Plot



Extreme Errors [-4.9, 0.0]