

**APPENDIX I**  
**TO**  
**CRITERIA MANUAL**  
**FOR SEMINOLE**  
**WATER RIGHTS COMPACT**

**TABLE A  
DESCRIPTION OF WELLS**

<b>WELL NO.</b>				
<b>Map Designation</b>				
<b>EXISTING/Proposed</b>				
<b>Diameter (Inches)</b>				
<b>Total Depth</b>				
<b>Cased Depth</b>				
<b>Screened Interval</b>				
<b>Pumped or Flowing</b>				
<b>Working Valve If Artesian (Yes/No)</b>				
<b>Pump Manufacturer and Model No.</b>				
<b>Pump (Centrifugal, Type Jet, Deep Jet, Turbine, etc.)</b>				
<b>Intake Depth (NGVD)</b>				
<b>Pump Capacity (GPM at <u>    </u> FT of head at <u>    </u> PSI)</b>				
<b>Active (Yes/No)</b>				
<b>Year Drilled</b>				
<b>Type of Meter</b>				
<b>Florida Plane Coordinates</b>				

**TABLE B  
DESCRIPTION OF SURFACE WATER PUMPS**

<b>Drainage District:</b>				
<b>PUMP NO.</b>				
<b>Map Designation</b>				
<b>Surface Water Body</b>				
<b>Existing or Proposed</b>				
<b>Pump Manufacturer and Model Number</b>				
<b>Pump Type</b>				
<b>Pump Capacity</b>				
<b>Pump Horse Power</b>				
<b>Pump Diameter</b>				
<b>Elevation of Intake (MSVD)</b>				
<b>Is pump a two way pump?</b>				
<b>F10-F10A Plane Coordinates</b>				

**TABLE C  
DESCRIPTION OF CULVERTS**

CULVERT NO.				
Map Designation				
Water Body				
Existing or Proposed				
Diameter*				
Height**				
Width**				
Type of Culvert***				
Culvert Length				
Invert Elevation (NGVD)				
Type of Control Device				
Irrigation or Drainage				
Florida Plane Coordinates				

\*For Circular Culverts

\*\*For Elliptical Culverts

\*\*\*Corrugated Metal, reinforced concrete, etc.

**TABLE D  
WATER USE DATA FOR 12 MONTH PERIOD**

FROM \_\_\_\_\_ TO \_\_\_\_\_

Month/Year	Raw Water Pumpage		Total Raw Water Pumpage (MGD)	Total Water Treated (MGD)
	Ave. Day (MGD)	Max. Day (MGD)		
<b>Total</b>		*****		
<b>Average</b>		*****		
		*****		
		*****		

Ratio of water pumped to water treated \_\_\_\_\_.

Maximum day pumpage was \_\_\_\_\_ MGD  
and occurred on \_\_\_\_\_.

Ratio of maximum day pumpage to average day pumpage  
was \_\_\_\_\_.

**TABLE E  
PAST WATER USE**

<b>Year</b>	<b>Past Population</b>	<b>Number of Units*</b>	<b>Total Annual (MG)</b>	<b>Average Day (MGD)</b>	<b>Maximum Day (MGD)</b>
19					
19					
19					
19					
19					
19					
19					
19					
19					
19					
19					

\*Cumulative

**TABLE F  
PROJECTED WATER USE**

Year	Projected Population	Number of Units*	Total Annual (MG)	Average Day (MGD)	Maximum Day (MGD)
19					
19					
19					
19					
19					
19					
19					
19					
19					
19					

\*On separate sheet of paper separate units into types of units, number of persons/unit, and water usage/unit for each year on a cumulative basis.

## WATER SHORTAGE RESTRICTIONS ESSENTIAL/DOMESTIC/UTILITY/COMMERCIAL

	ESSENTIAL USE	DOMESTIC TYPE USE	WATER UTILITY USE	POWER PRODUCTION USE COMMERCIAL & INDUSTRIAL PROCESS USE	DIVERSION & IM- POUNDMENT INTO NON-DISTRICT FAC.
PHASE I Moderate Shortage (Yellow)	Fire fighting or medical uses-No restrictions. Hydrant flushing-only on emergency basis. Sewer line flushing-voluntary reductions.	Residential domestic use-voluntarily reduced to 60 gallons per person per day. Commercial & industrial domestic type use-voluntarily reduced.	Pressure-Voluntary reduction to 45 psi initial pressure at point of service (meter). Notify appropriate fire-fighting agencies.  New waterline cleaning & disinfection-restricted to 7 p.m.-7 a.m. Voluntary system conservation	Commercial car washes - For vehicles under 10,000 lb. gross veh. wt.--use restricted to 75 gal. or less per wash; vehicles greater than 10,000 lb. gross veh. wt. restricted to 150 gal. or less per wash.  Other power production, commercial & industrial processes-voluntary.	Voluntary reduction in diversions
PHASE II Severe Shortage (Orange)	Same as Phase I	Residential domestic use-voluntarily reduced to 50 gallons per person per day. Commercial & industrial domestic type use-voluntarily reduced.	Pressure-Same as Phase I, except pressure reduction is mandatory.	Same as Phase I	Same as Phase I
PHASE III Extreme Shortage (Red)	Same as Phase I	Residential domestic use - voluntarily reduced to 40 gallons per person per day. Commercial & industrial domestic type use-voluntarily reduced.	Pressure-Voluntary reduction below 45 psi initial pressure at point of service (meter). Maintain adequate line and fire flow pressures.	Commercial car washes - for vehicles under 10,000 lbs. gross veh. wt. Use above 75 gal. per wash prohibited; Use between 75 gal. & 50 gal. restricted to 8 a.m. - 3 p.m. Use 50 gal. or less-voluntary. Vehicles over 10,000 lbs. gross veh. wt. - Use above 150gal. per wash prohibited; Use between 150 & 100 gal. restricted to 8 a.m. - 3 p.m. Use 100 gal. or less-voluntary.	Same as Phase I
PHASE IV Critical Shortage (Purple)	Fire fighting or medical uses-No restrictions. Hydrant flushing-only on emergency basis. Sewer line flushing-only on an emergency basis.	Residential domestic use-voluntarily reduced to 30 gallons per person per day. Commercial & industrial domestic type use-voluntarily reduced to minimum levels required for health & safety.	Pressure-Same as Phase III	Other commercial, industrial & power production processes--voluntary  Same as Phase III	Same as Phase I

MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE

OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD

Figure 2-1  
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**AGRICULTURE**

	AGRICULTURAL USE	AQUACULTURAL USE LIVESTOCK USE	SOIL FLOODING	FREEZE PROTECTION
<b>PHASE I</b> Moderate Shortage (Yellow)	Overhead, except portable volume gms-restricted to 2 p.m. to 10 a.m. Low volume - no restrictions Voluntary use of water conservation techniques. Maximize use from sources not experiencing shortage.	Voluntary reduction in use.	Peel Control, soil preservation - flooding prohibited. Supercane - flooding for burning prior to harvesting - voluntary reduction. Soil-flooding to permit harvesting - voluntary reduction.	Limited to situa- tions in which official weather forecast services predict freezing temperatures likely to cause permanent dam- age to crops.
<b>PHASE II</b> Severe Shortage (Orange)	Same as Phase I	Same as Phase I	Same as Phase I	Same as Phase I
<b>PHASE III</b> Extreme Shortage (Red)	Overhead - no volume restriction a.m. Low volume - no restriction. Voluntary use of water conservation techniques. Maximize use from sources not experiencing shortage. Withdrawals limited based upon availability of water, permitted acreage and situation and relative value of agricultural products.	Same as Phase I	Peel Control, Soil Preservation - Flooding prohibited. Supercane - Same as Phase I.  Soil-Flooding to permit harvesting - prohibited.	Same as Phase I
<b>PHASE IV</b> Critical Shortage (Purple)	Same as Phase III	Same as Phase I	Same as Phase III	Same as Phase I

**MORE THAN 80% REDUCTION - NO OUTSIDE WATER USE  
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**

Figure 2-1  
Sheet 2 of 4

Figure 2-1  
Sheet 2 of 4

## WATER SHORTAGE RESTRICTIONS NURSERY/URBAN IRRIGATION/RECREATION

	NURSERY USE	LANDSCAPE IRRIGATION NEW INSTALLATION RECREATION AREA USE	LANDSCAPE IRRIGATION EXISTING INSTALLATION RECREATION AREA USE	GOLF COURSE USE	WATER BASED RECREATION USE (INCLUDES POOLS, WATER SLIDES, SWIM AREAS)
<b>PHASE I</b> Moderate Shortage (Yellow)	Low volume-voluntary Low volume hand watering-voluntary Overhead-inside-8 a.m.-8p.m., 7 days per week Overhead outside-7p.m.-7a.m., 7 days per week Flood - 8 days per month	Under 5 acres-2 a.m.-8 a.m., Mon.-Fri. 5 acres or over-12:01 a.m.-8 a.m., Mon.-Fri. Low volume hand watering - voluntary. New irrigation system cleaning & adjusting - 10 min. per zone, one time only.	Under 5 acres-4 a.m.-8 a.m., Mon, Wed, & Sat for odd house addresses & Tues, Thurs, Sun for even house addresses or locations with no address 5 acres or over-Same as under 5 acres except hrs. limited to 12:01 a.m.-8 a.m.	Greens & tees-night only, other reductions voluntary. Fairways & roughs-same as Phase I landscape irrigation, existing installations over 5 acres. (Front 9 Mon, Wed, Sat; Back 9 Tues, Thurs, Sun.)  Greens & Tees - night only, other reductions voluntary. Fairways & Roughs-Same as Phase II landscape irrigation-existing installation, over 5 acres. (Front 9- Wed., Sat, Back 9- Thurs., Sun.)	Filling - permitted for new and existing facilities. Draining - only permitted onto pervious surfaces, no draining into sewers. Makeup - permitted for new and existing facilities
<b>PHASE II</b> Severe Shortage (Orange)	Low volume-voluntary Low volume hand watering-voluntary Overhead-inside-6 a.m.-8p.m., 7 days per week. Overhead-outside-7 p.m.-7a.m., odd numbered days Flood - 6 days per month.	Under 5 acres-2 a.m.-8 a.m., Mon, Wed, Thurs, Fri. 5 acres or over-12:01 a.m.-8 a.m., Mon, Wed, Thurs, Fri. Low vol. hand watering - voluntary New irrig. system clean, & adjust, 10 min. per zone, one time only.	Under 5 acres-4 a.m.-8 a.m. on Wed & Sat for odd house addresses; Thurs & Sun for even house addresses & locations with no address. 5 acres or over-Same as under 5 acres, except hours limited to 12:01 a.m.-8 a.m.	Greens - night only, other reductions voluntary. Tees- 3 days/week, Front 9 Mon., Wed., Sat, Back 9 Tues., Thur., Sun. Night only. Fairways & Roughs-Same as Phase III landscape irrigation-existing installation, over 5 acres. (Front 9-Sat; Back 9-Sun.)	Filling - permitted for new facilities, prohibited for existing facilities Draining - same as Phase I Makeup - Same as Phase I
<b>PHASE III</b> Extreme Shortage (Red)	Low volume-voluntary Low volume hand watering-voluntary Overhead-inside- 8 a.m. - 8 p.m., odd numbered days Overhead - outside- 12:01 a.m.-7 a.m., odd numbered days. Flood - 4 days per month.	Under 5 acres-2 a.m.-7 a.m., Mon, Wed, Fri. 5 acres or over - 12:01 a.m.-7 a.m., Mon, Wed, Fri. Low volume hand watering-voluntary New irrigation system cleaning & adjusting- 10 min. per zone, one time only.	Under 5 acres - 4 a.m.-7 a.m. on Sat for odd house addresses; Sun for even addresses & locations with no address. 5 acres or over - Same as under 5 acres except hrs. limited to 12:01 a.m. to 7 a.m.	Greens-night only, other reductions voluntary. Tees-1 day/week, Front 9 Sat, Back 9 Sun, Night only. Fairways & Troughs-Same as Phase IV landscape irrigation-existing installation, over 5 acres. (Front 9-Sat; Back 9-Sun.)	Same as Phase II
<b>PHASE IV</b> Critical Shortage (Purple)	Low volume-voluntary Low volume hand watering-voluntary Overhead inside-8 a.m.-4 p.m., odd numbered days Overhead outside-2 a.m.-7 a.m., odd numbered days Flood- 2 days per month.	Under 5 acres-5 a.m.-7 a.m., Sat 5 acres or over-4 a.m.-7 a.m., Sat Low volume hand watering -Mon, Wed, Fri. New irrigation system cleaning & adjusting-prohibited.	Under 5 acres - 6 a.m.-7 a.m. on Sat for odd house addresses & Sun for even house addresses and locations with no addresses. 5 acres or over-Same as under 5 acres except hrs. limited to 4 a.m. - 7 a.m.	Greens-night only, other reductions voluntary. Tees-1 day/week, Front 9 Sat, Back 9 Sun, Night only. Fairways & Troughs-Same as Phase IV landscape irrigation-existing installation, over 5 acres. (Front 9-Sat; Back 9-Sun.)	Filling - prohibited for new and existing facilities Draining - same as Phase I Makeup - prohibited

MORE THAN 80% REDUCTION - NO OUTSIDE WATER USE  
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD

Figure 2-1  
Sheet 3 of 4

Figure 2-1  
Sheet 3 of 4

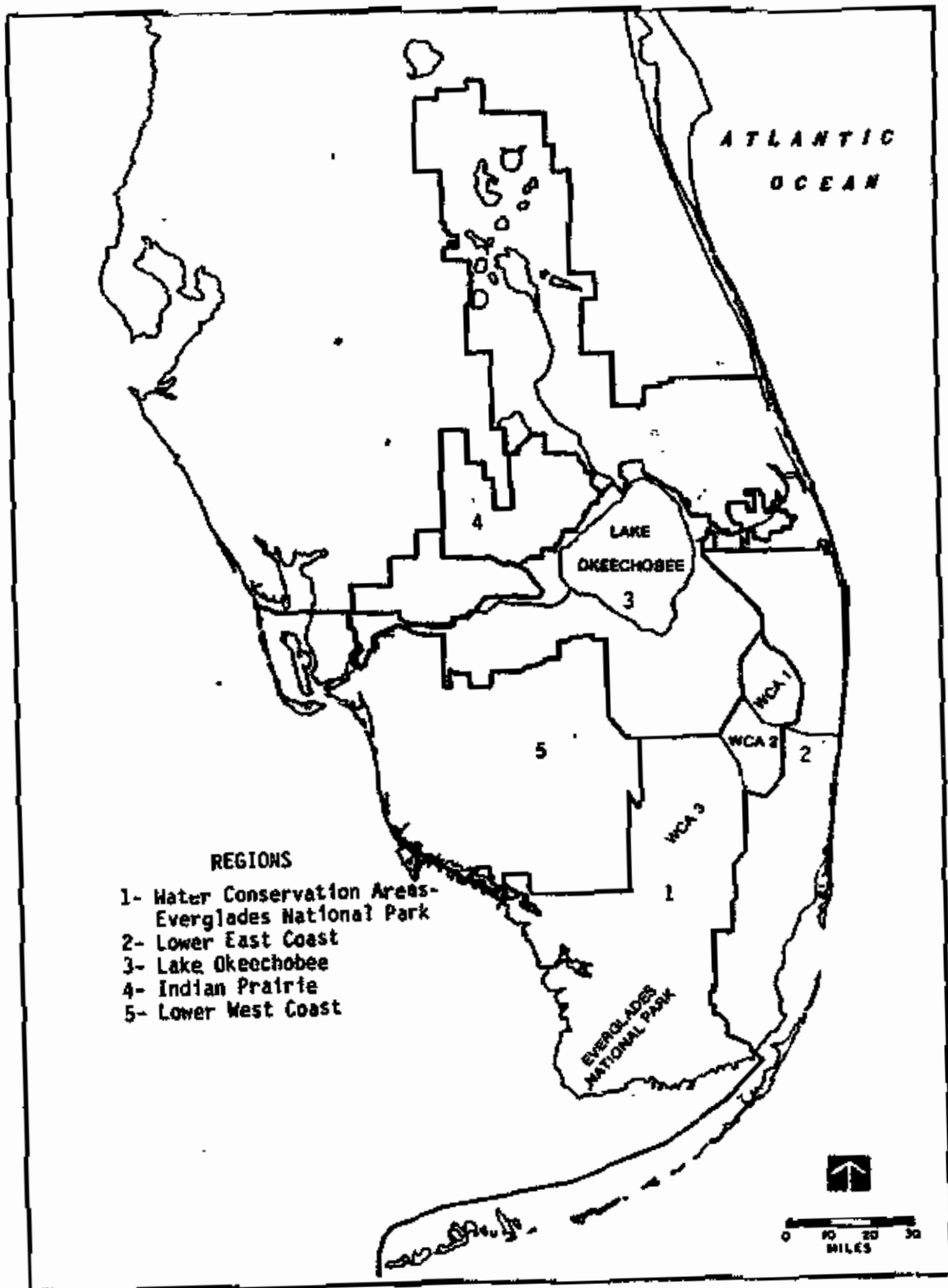
## WATER SHORTAGE RESTRICTIONS MISCELLANEOUS

	COOLING & AIR CONDITIONING USE	DEWATERING USE	NAVIGATION USE	OTHER OUTSIDE USES	AESTHETIC USE (includes fountains, waterfalls, etc.)
<b>PHASE I Moderate Shortage (Yellow)</b>	Restricted to water necessary to maintain temperatures no cooler than 78°F.	Discharge of fresh-water to tide prohibited.	(Not Applicable)	Street, driveway, sidewalk, washing or cleaning prohibited. Vehicle washing (Non-commercial): permiss outside only, during existing landscape irrigation hrs. & days, low volume only. Outside pressure cleaning-low volume processes only, 7 days/week.	Outside-Prohibited inside - Voluntary reductions.
<b>PHASE II Severe Shortage (Orange)</b>	Same as Phase I	Same as Phase I	(Not Applicable)	Same as Phase I  Street, driveway, sidewalk-Same as Phase I Vehicle washing (non-commercial): Same as Phase I Outside pressure cleaning-low volume processes only, Mon. through Fri.	Same as Phase I
<b>PHASE III Extreme Shortage (Red)</b>	Same as Phase I	Same as Phase I	(Not Applicable)	Street, driveway, sidewalk-Same as Phase I Vehicle washing (non-commercial): Same as Phase I Outside pressure cleaning-low volume processes only Mon & Wed.	Outside - Prohibited inside - Prohibited
<b>PHASE IV Critical Shortage (Purple)</b>	No immediate discharge to tide/water; water reuse required.	Same as Phase I	(Not Applicable)		Same as Phase III

**MORE THAN 66% REDUCTION - NO OUTSIDE WATER USE  
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**

Figure 2-1  
Sheet 4 of 4

Figure 2-1  
Sheet 4 of 4



**WATER SHORTAGE PLAN REGIONS**

Figure 2-2

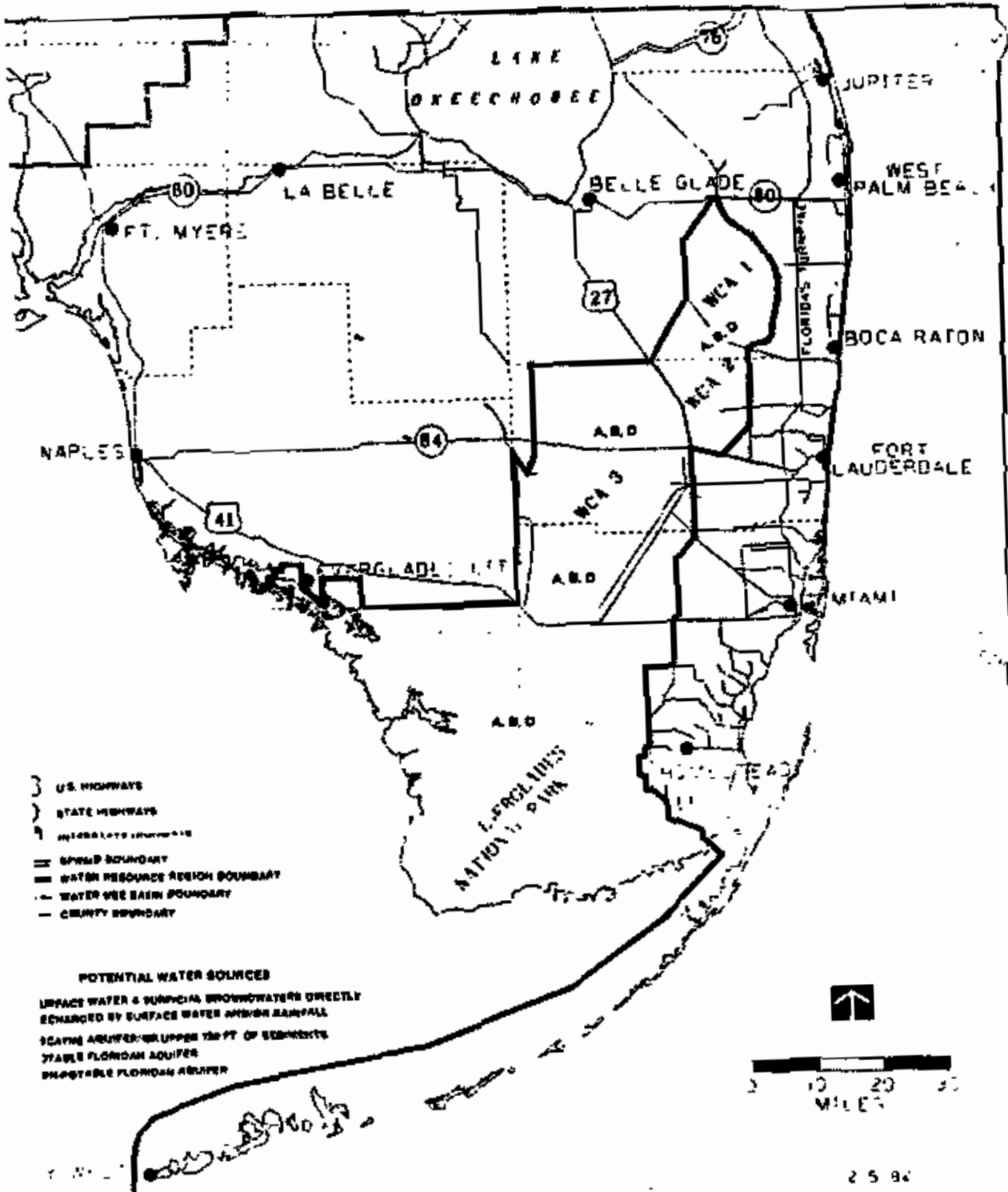
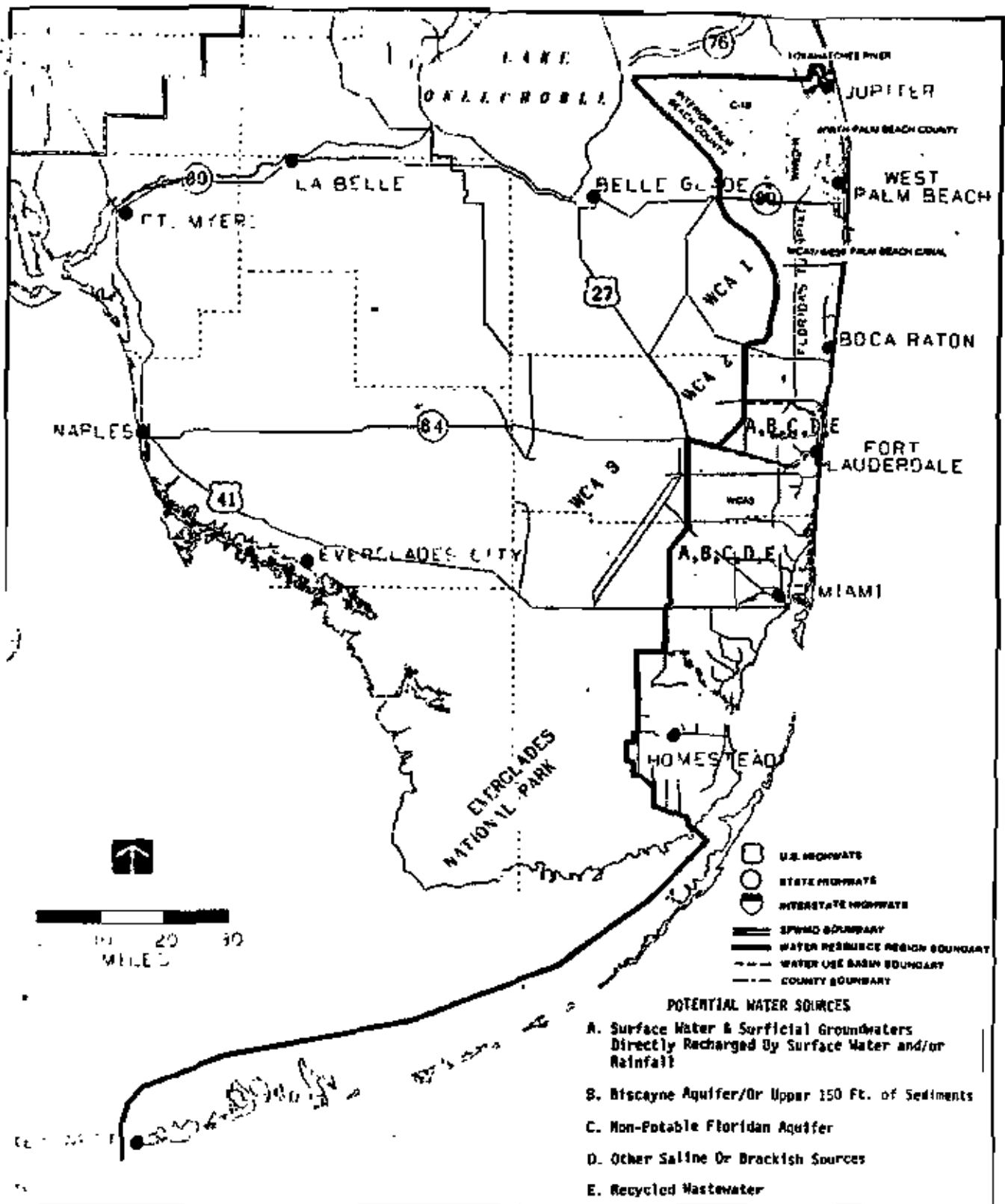
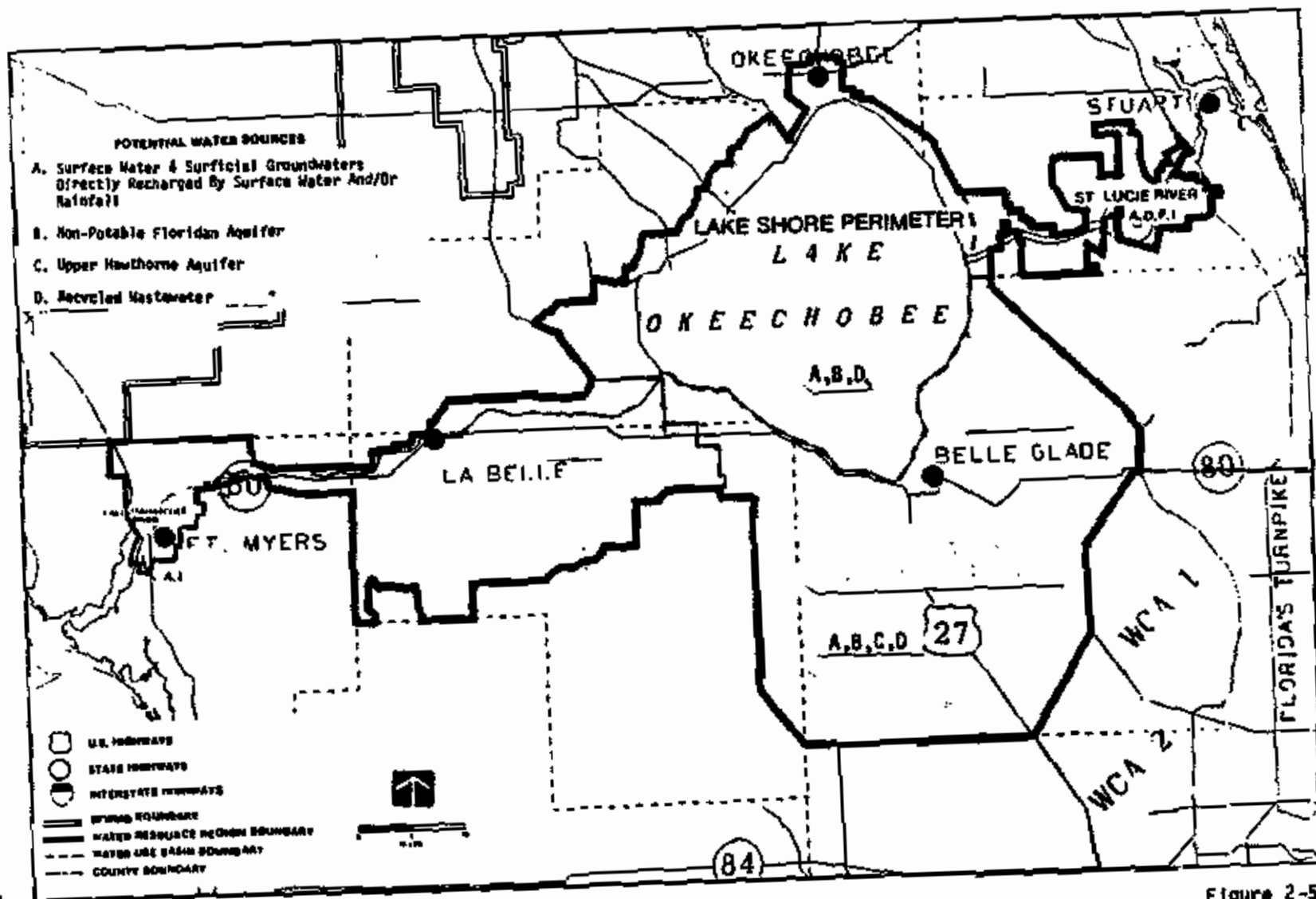


Figure 2-  
**WATER CONSERVATION AREAS - EVERGLADES NATIONAL PARK REGION**



**LOWER EAST COAST REGION**

Figure 2-4



LAKE OKEECHOBEE REGION

Figure 2-5

Figure 2-5

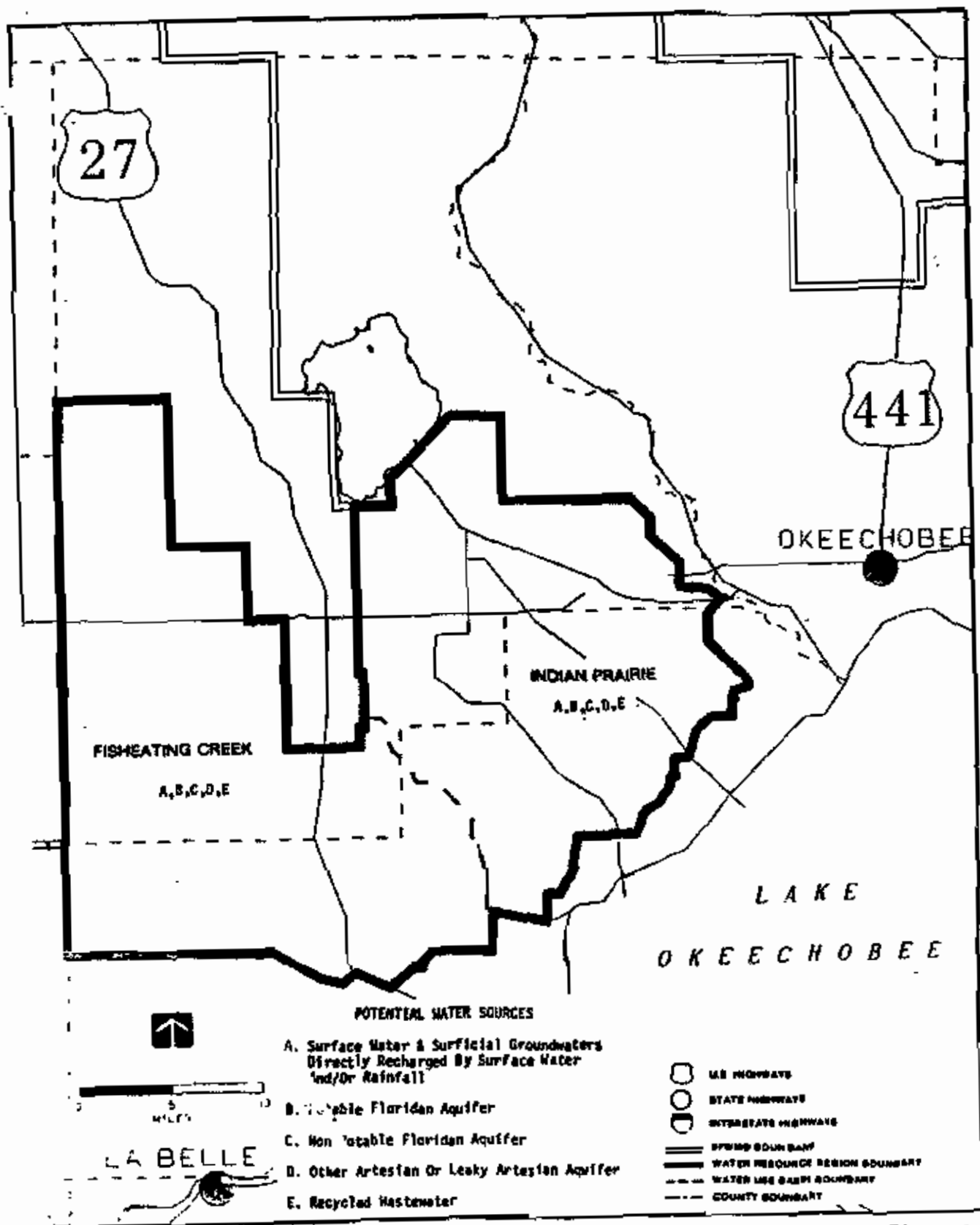


Figure 2-6

**INDIAN PRAIRIE REGION**



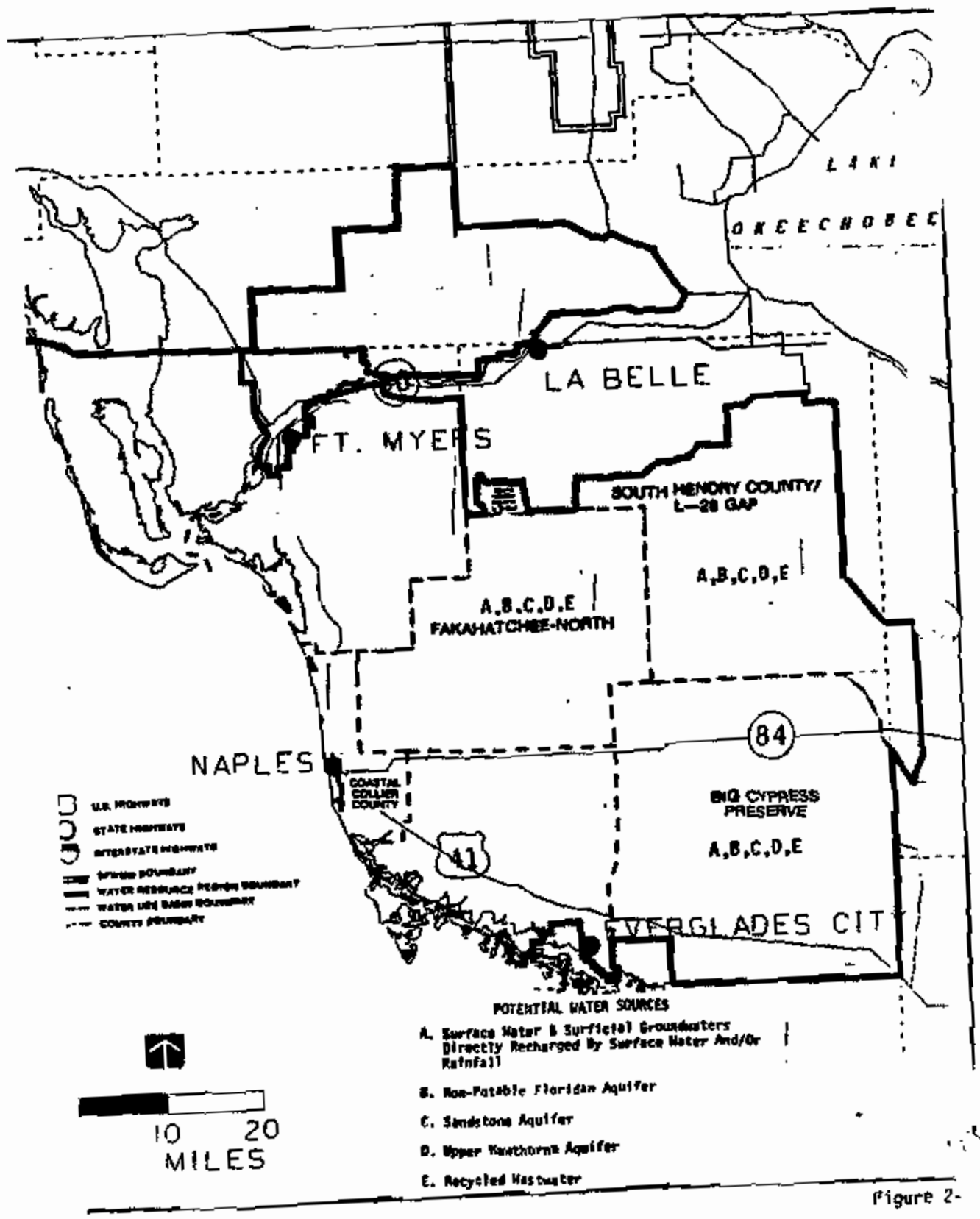
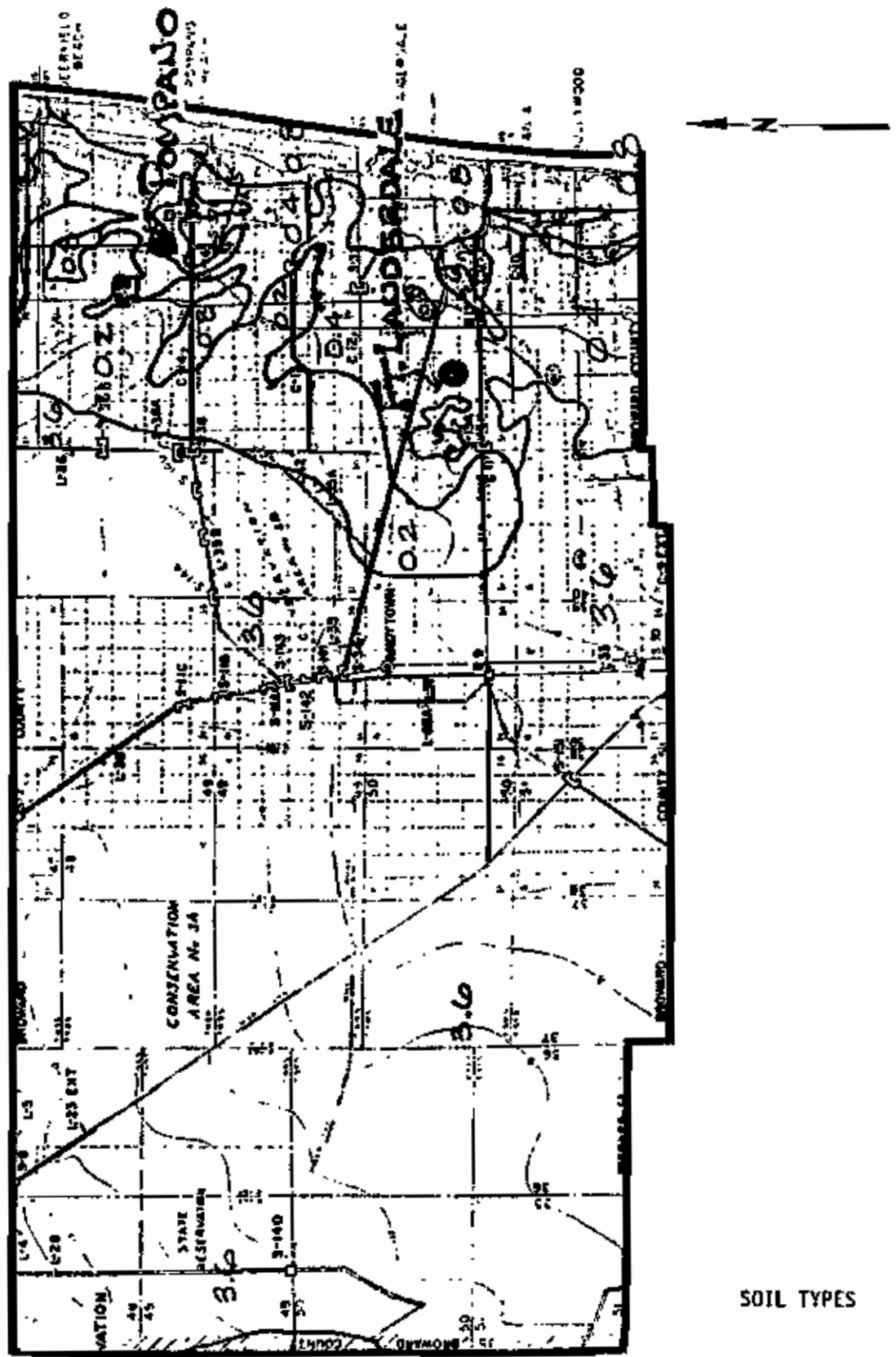


Figure 2-

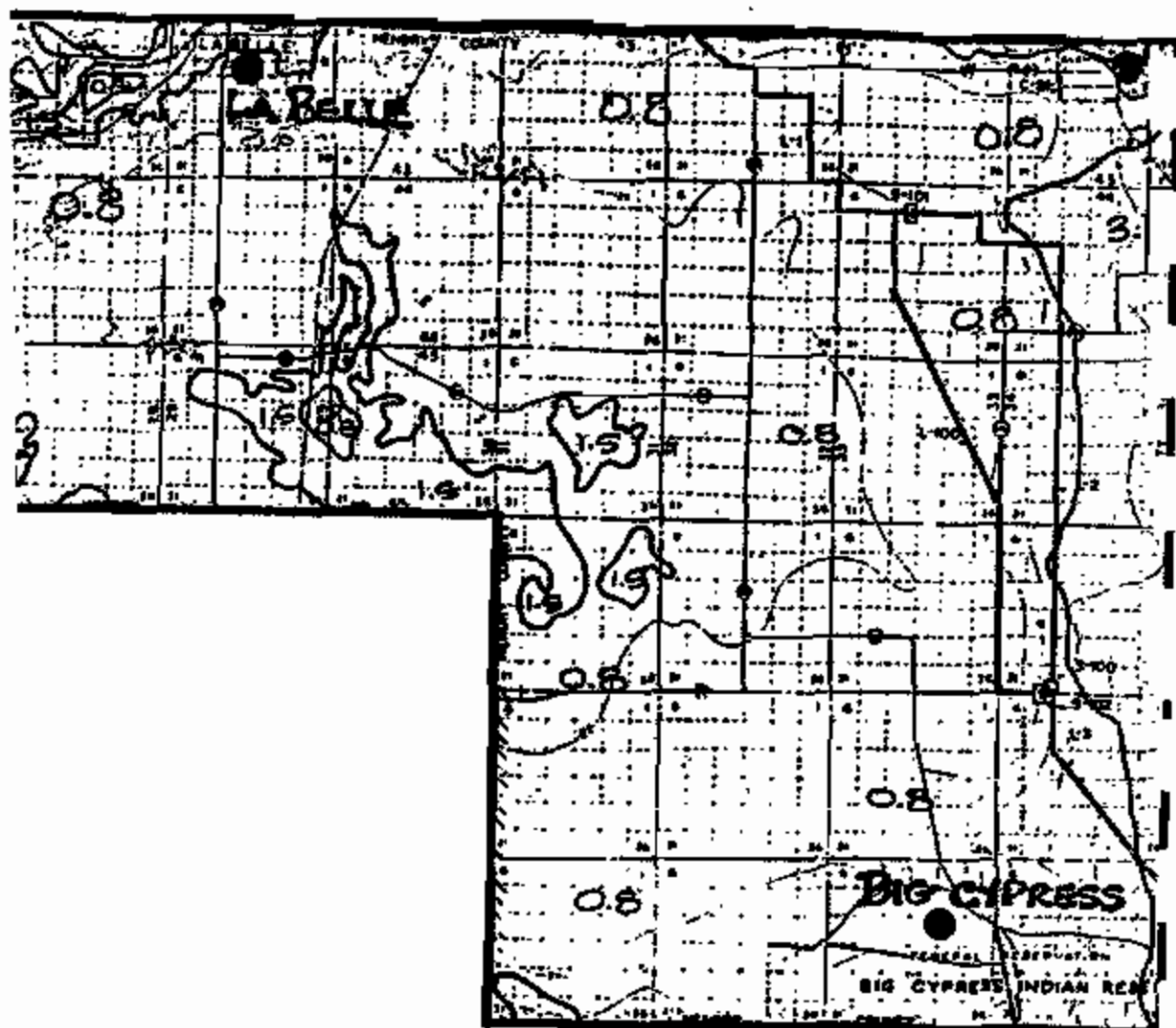
**LOWER WEST COAST REGION**



# BROWARD COUNTY

Figure 3-1

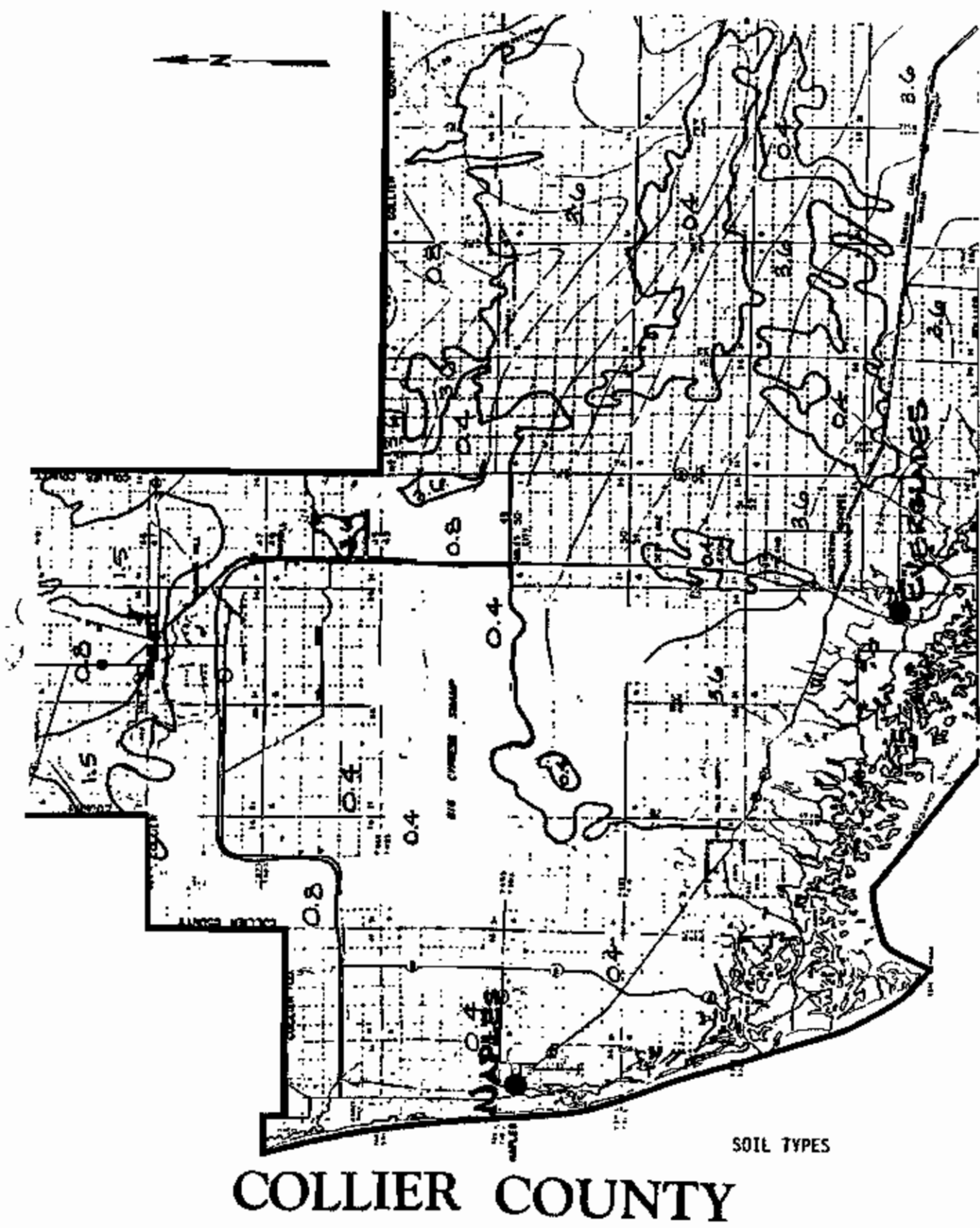
SOIL TYPES



# HENDRY COUNTY

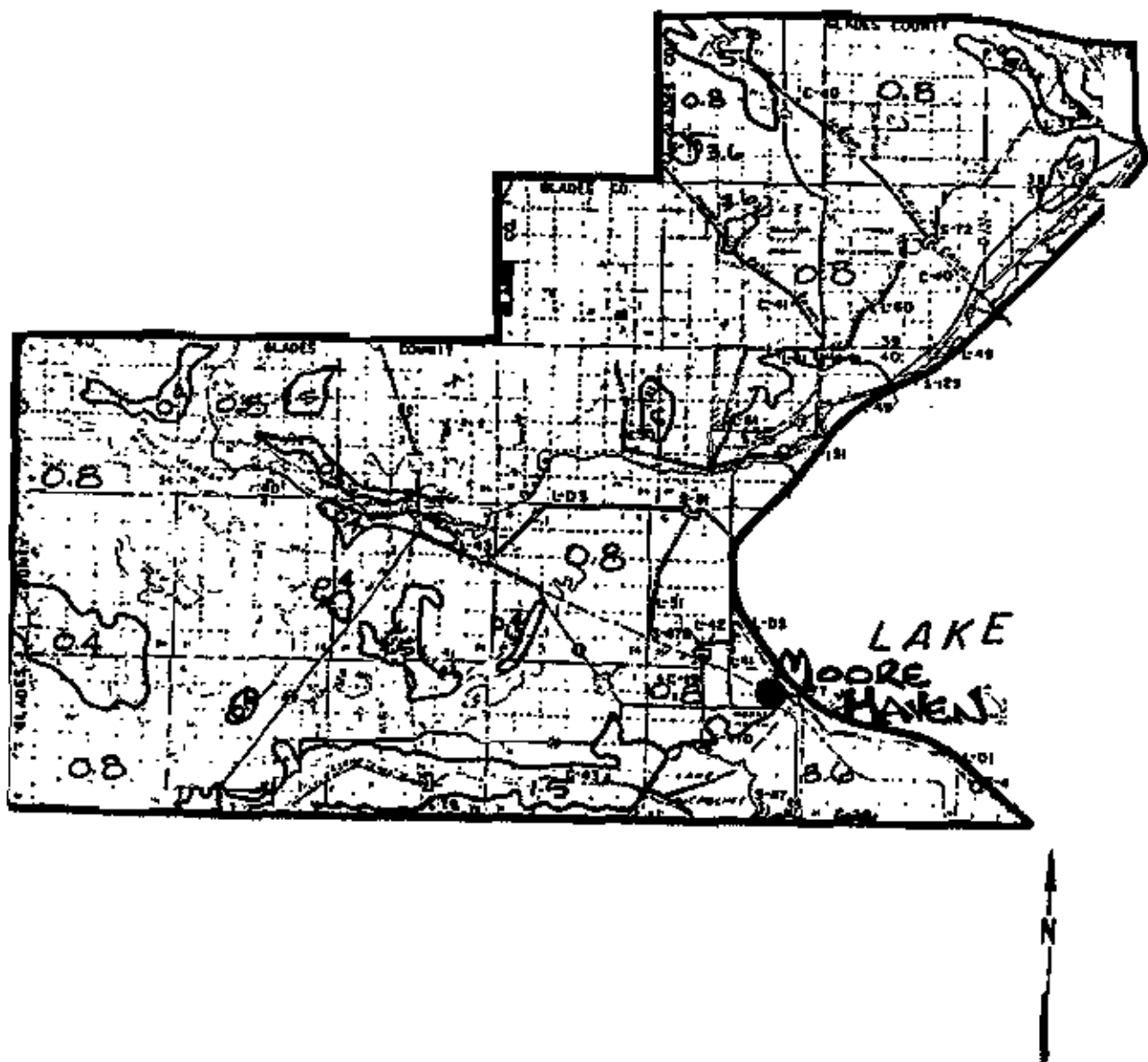
SOIL TYPES

Figure 3-2



# COLLIER COUNTY

Figure 3-3



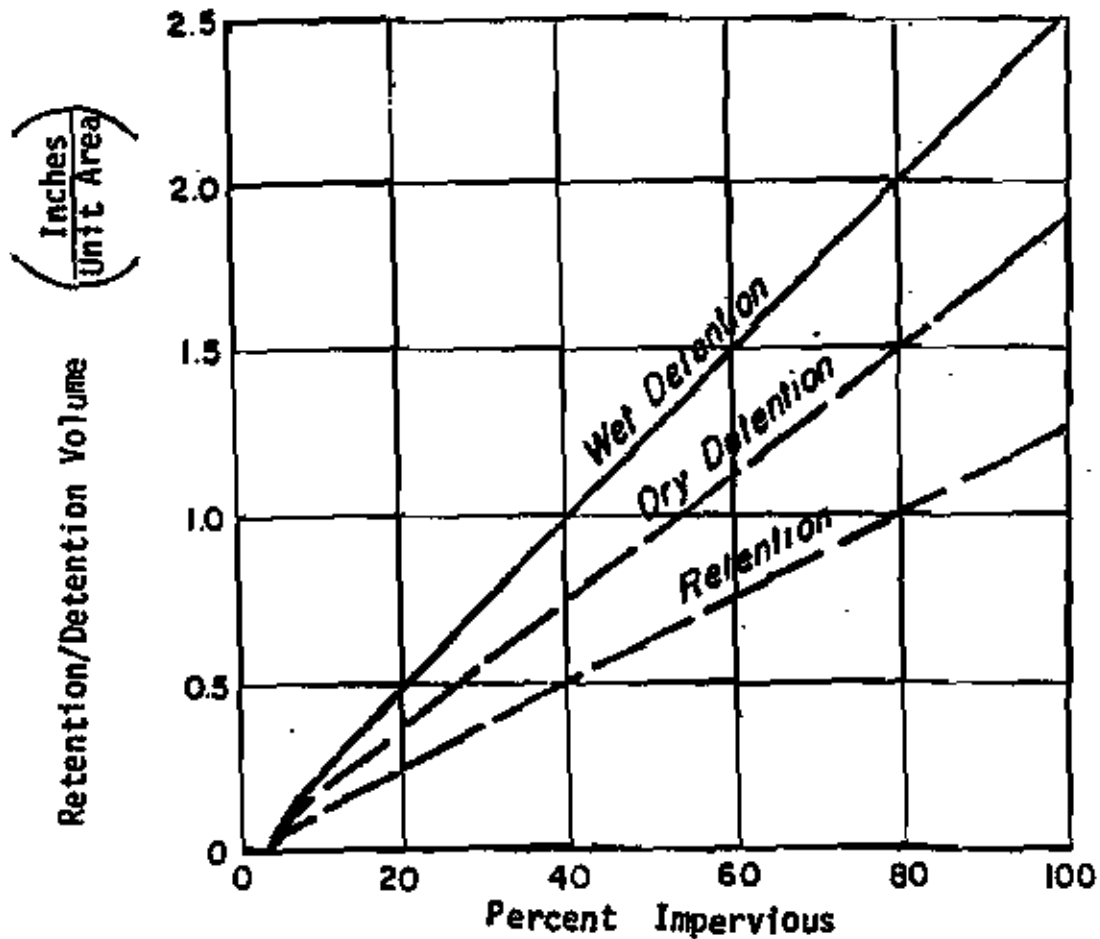
# GLADES COUNTY

SOIL TYPES

Figure 3-4

## URBAN RETENTION/DETENTION

Note: Storage Required Is In Addition To Normal Street & Lot Swales Which Have Already Been Accounted For In Preparation Of Curve.  
(See 4.3.2.2(b))



Separate Storage Required For Grass Swale Systems

Figure 4-1