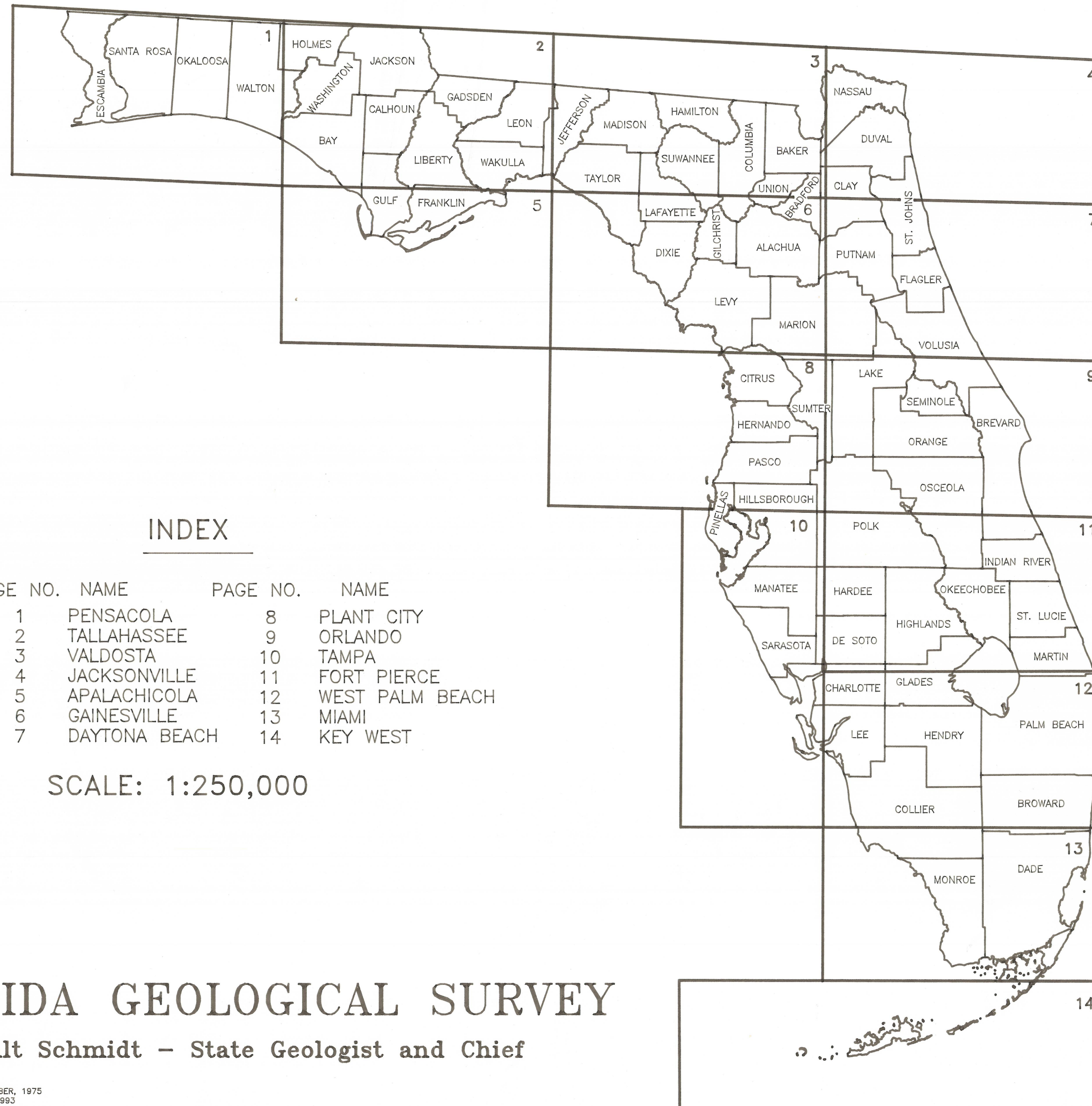


FLORIDA GEOLOGICAL SURVEY

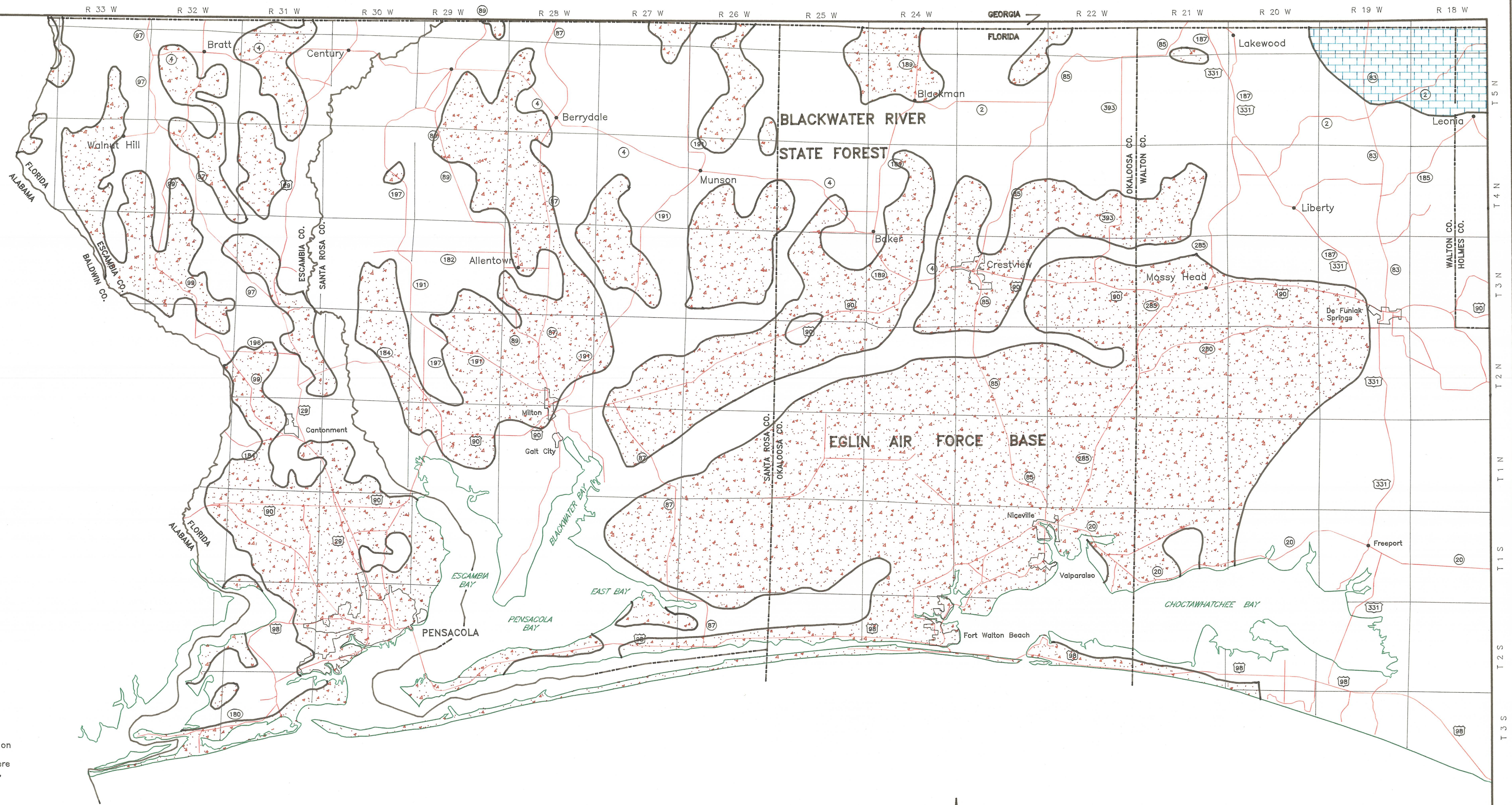
DRAFTED BY: J.P. JONES, DECEMBER, 1975
ELECTRONICALLY REVISED: MAY, 1993



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6	GAINESVILLE	13	MIAMI
7	DAYTONA BEACH	14	KEY WEST

SCALE: 1:250,000



Generalized Prime Recharge for Aquifers of Primary Use

These maps were compiled from the best available information on recharge potential to the principle aquifers. Where actual recharge data was unavailable, potential high recharge areas were estimated through analysis of surficial materials, geomorphology, topography, and aquifer use and description.

Data sources:

Aucott, W.R., 1988, Areal variation in recharge to and discharge from the Floridan aquifer system in Florida: United States Geological Survey Water-Resources Investigation Report 88-4057, one map. Scale: 1:1,000,000

Department of Environmental Regulation, DRASTIC database, May 1993.

Hyde, L.W., 1975, Principal Aquifers in Florida, Florida Geological Survey Map Series 16 rev. Scale: 1:2,000,000

Schmidt, W., 1978a, Environmental Geology Series - Pensacola Sheet: Florida Geological Survey Map Series No. 78. Scale: 1:250,000.

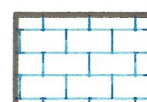
Scott, T. M., Lloyd, J. M., and Maddox, G. (eds.), 1991, Florida's Ground Water Quality Monitoring Program - Hydrogeological framework: Florida Geological Survey Special Publication No. 32, 97 p.

Wagner, J. R., 1982, Hydrogeology of the Northwest Florida Water Management District, in Fisher, G. (ed.), Ground water in Florida, Proceedings of the first annual symposium on Florida hydrogeology, Northwest Florida Water Management District Publication Information Bulletin 82-2, pp. 37-50.

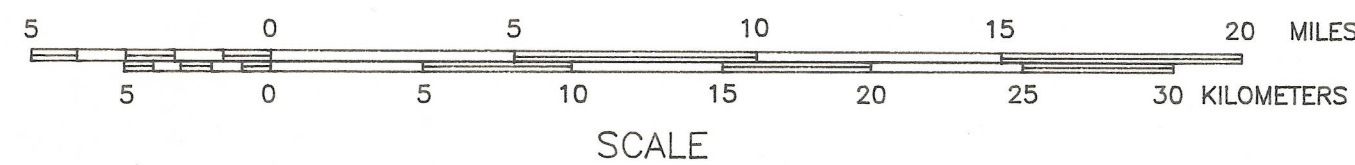
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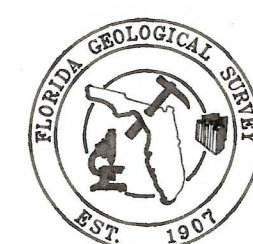
SAND AND GRAVEL AQUIFER



FLORIDAN AQUIFER SYSTEM

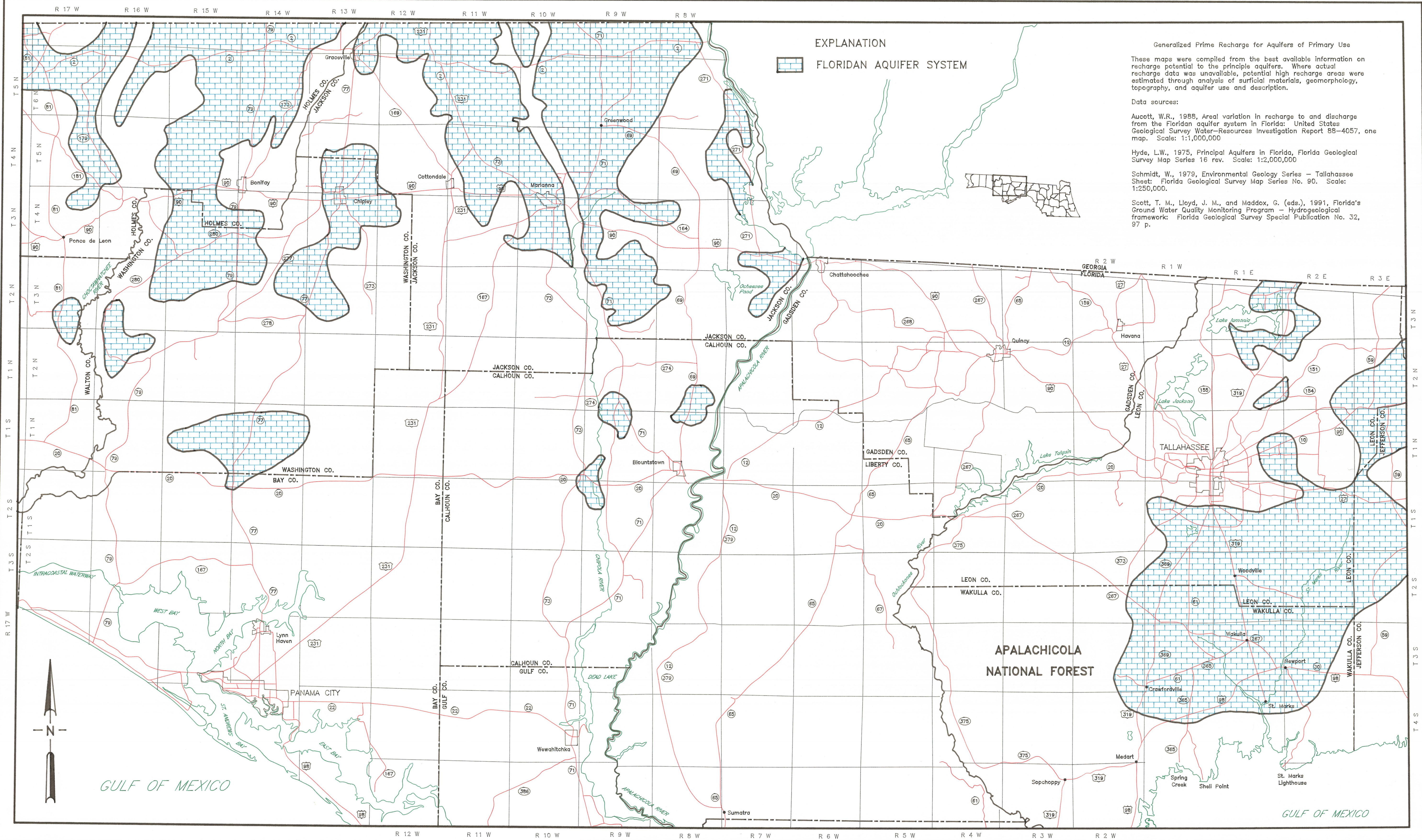


GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
PENSACOLA SHEET



COMPILED BY: K. CAMPBELL, P.G.#192, J. LLOYD, AND T. SCOTT
CARTOGRAPHY BY: J. JONES AND T. KIPER
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EXPLANATION
FLORIDAN AQUIFER SYSTEM

Generalized Prime Recharge for Aquifers of Primary Use

These maps were compiled from the best available information on recharge potential to the principle aquifers. Where actual recharge data was unavailable, potential high recharge areas were estimated through analysis of surficial materials, geomorphology, topography, and aquifer use and description.

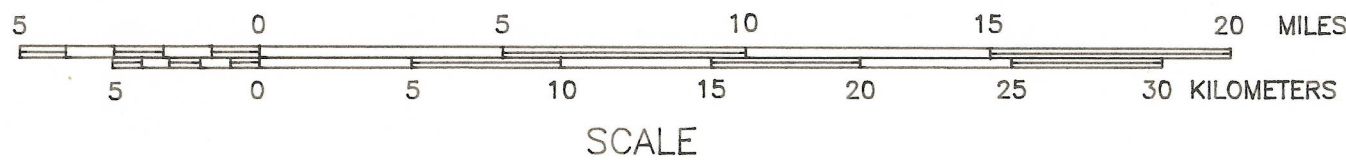
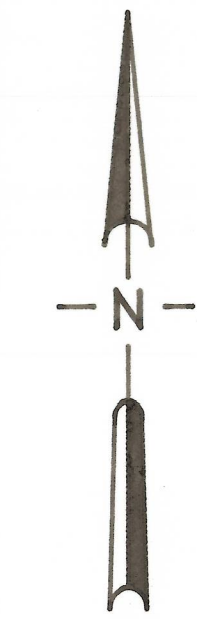
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Aucott, W.R., 1988, Areal variation in recharge to and discharge from the Floridan aquifer system in Florida: United States Geological Survey Water-Resources Investigation Report 88-4057, one map. Scale: 1:1,000,000

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Schmidt, W., 1979, Environmental Geology Series - Tallahassee Sheet: Florida Geological Survey Map Series No. 90. Scale: 1:250,000.

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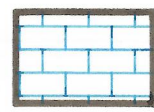
GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
TALLAHASSEE SHEET



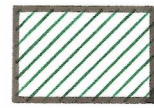
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EXPLANATION



FLORIDAN AQUIFER SYSTEM



SURFICIAL AQUIFER SYSTEM

Generalized Prime Recharge for Aquifers of Primary Use

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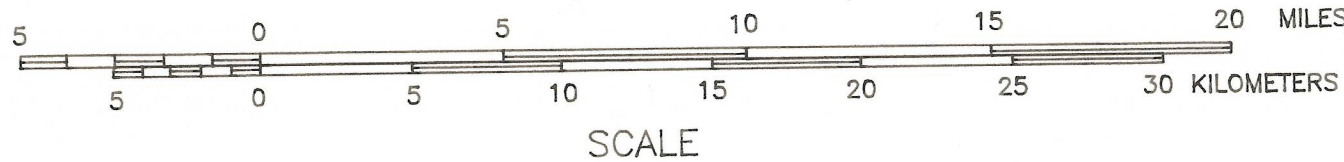
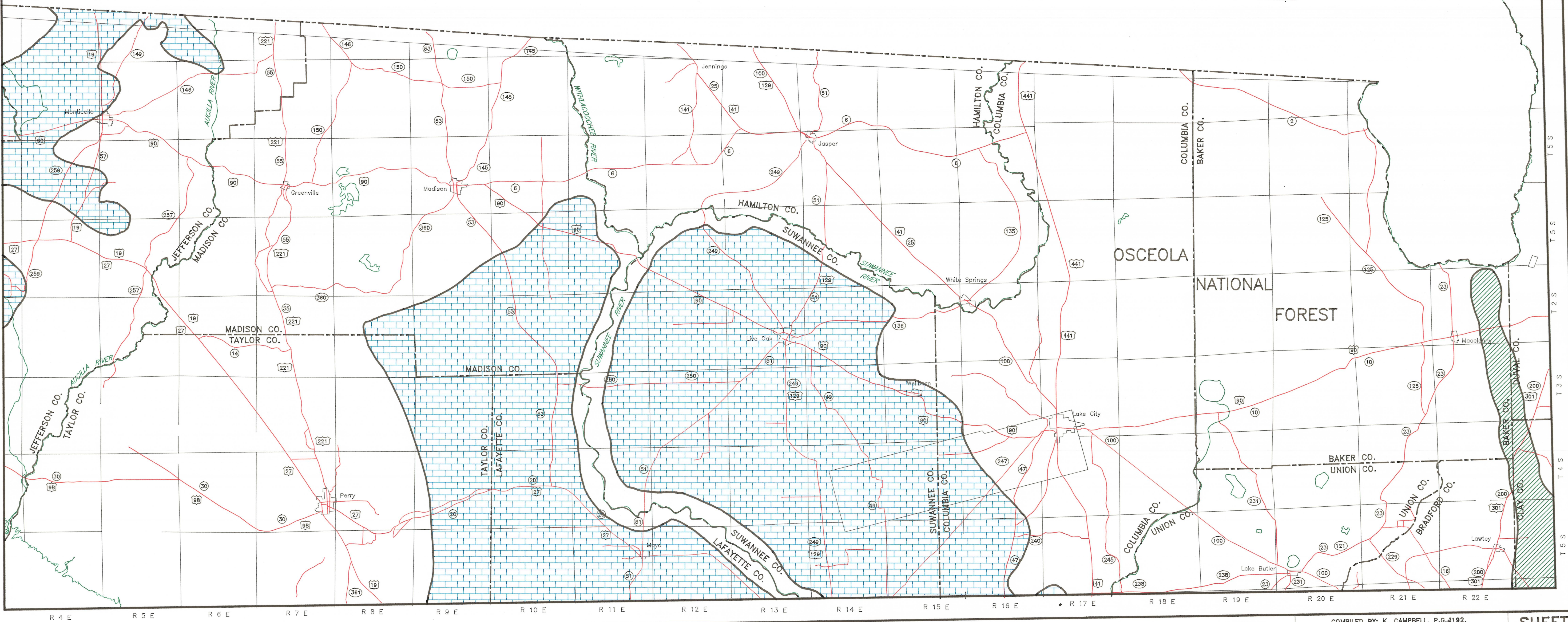
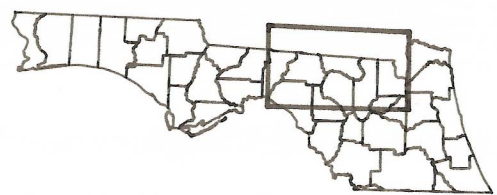
Hyde, L.W., 1975, Principal Aquifers in Florida, Florida Geological Survey Map Series 16 rev. Scale: 1:2,000,000

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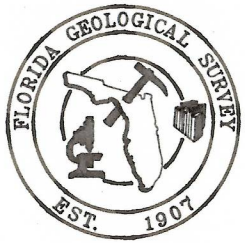
Scott, T. M., Lloyd, J. M., and Maddox, G. (eds.), 1991, Florida's Ground Water Quality Monitoring Program - Hydrogeological framework: Florida Geological Survey Special Publication No. 32, 97 p.

United States Department of the Interior, Geological Survey, 7.5 minute series topographic maps. Scale: 1:24,000.

Florida Geological Survey Open File Map Series: Geologic maps of the individual Counties. Scale: 1:127,000

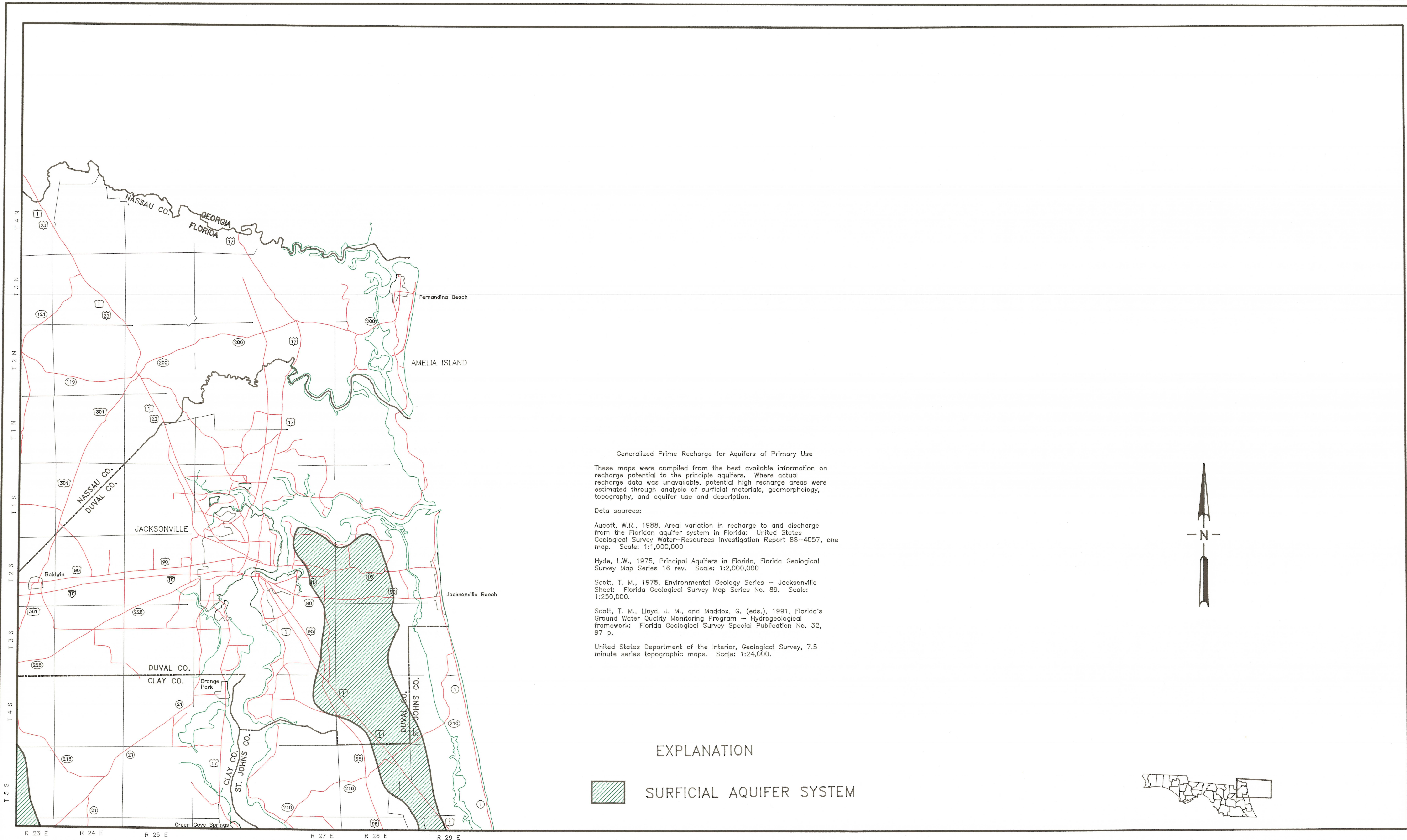


GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
VALDOSTA SHEET

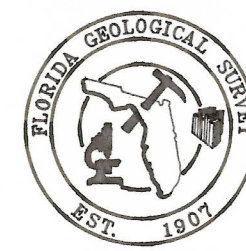
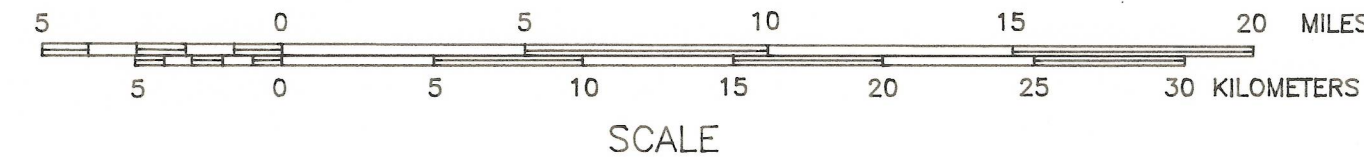


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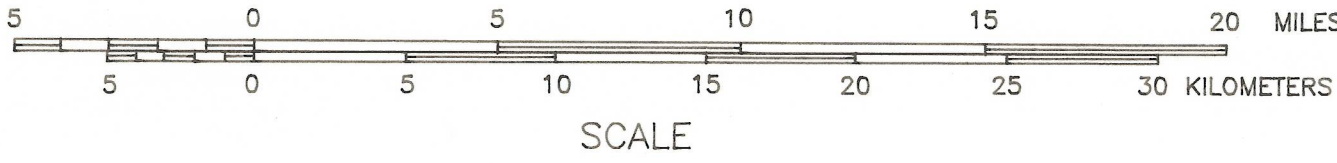
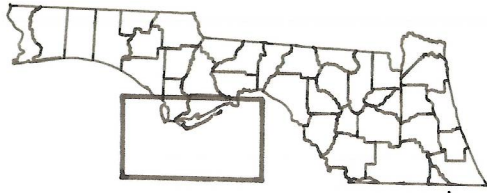
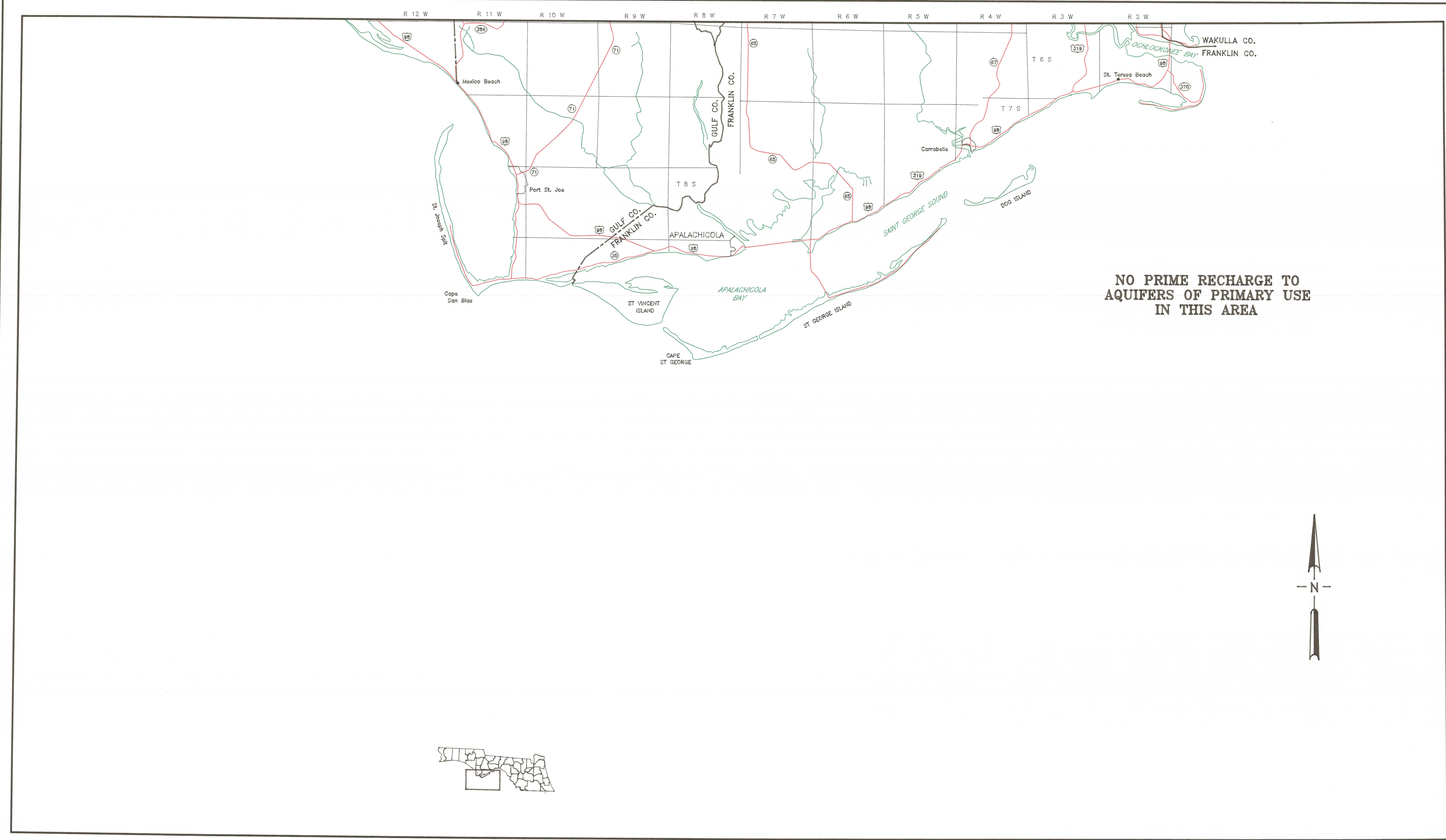


GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
JACKSONVILLE SHEET



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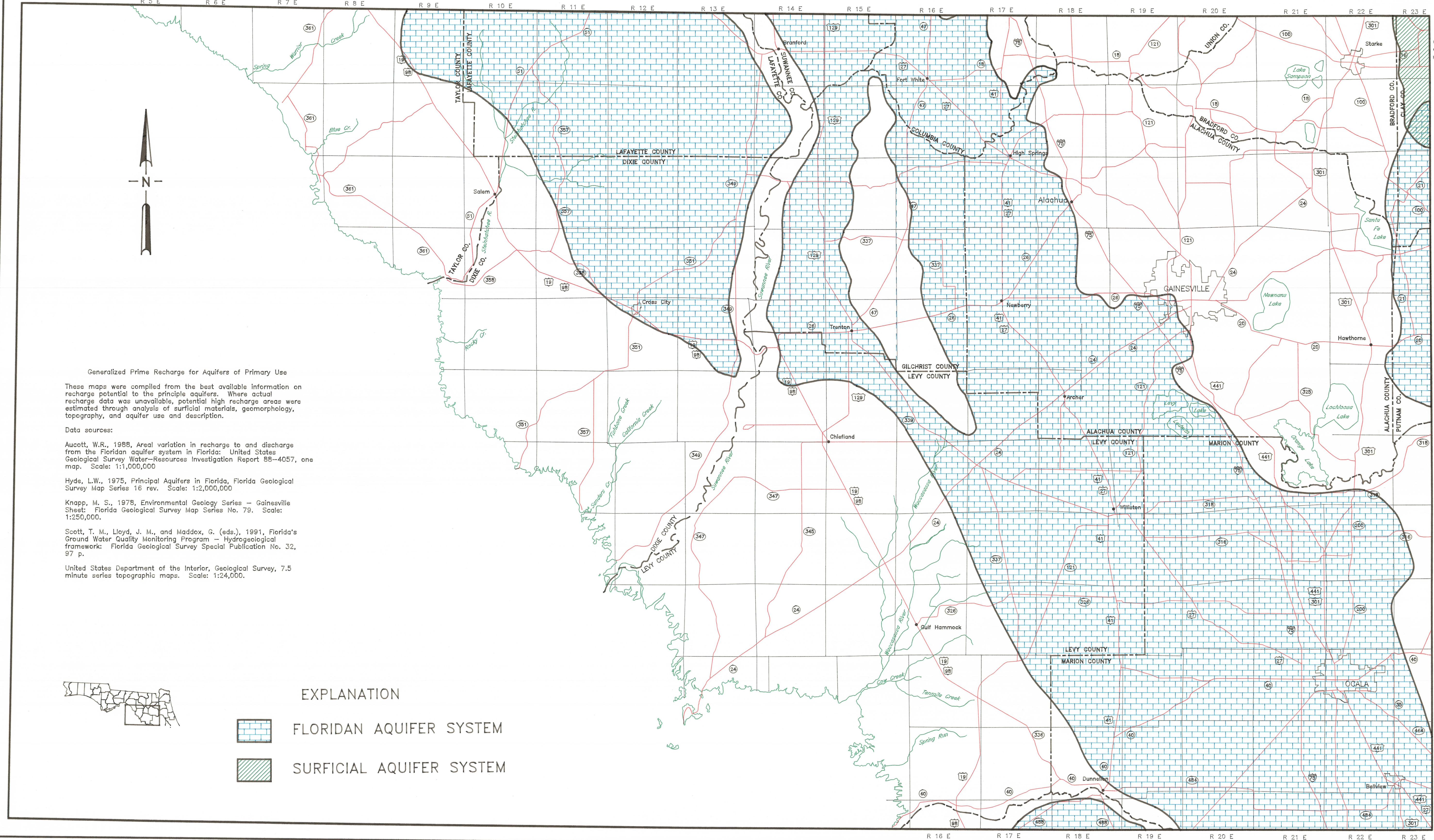


GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
APALACHICOLA SHEET



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Generalized Prime Recharge for Aquifers of Primary Use

These maps were compiled from the best available information on recharge potential to the principle aquifers. Where actual recharge data was unavailable, potential high recharge areas were estimated through analysis of surficial materials, geomorphology, topography, and aquifer use and description.

Data sources:

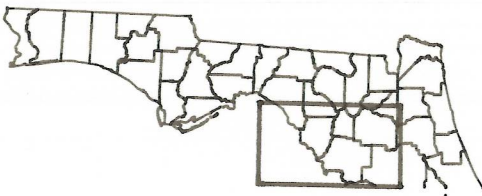
Aucott, W.R., 1986, Areal variation in recharge to and discharge from the Floridan aquifer system in Florida: United States Geological Survey Water-Resources Investigation Report 86-4057, one map. Scale: 1:1,000,000

Hyde, L.W., 1975, Principal Aquifers in Florida, Florida Geological Survey Map Series 16 rev. Scale: 1:2,000,000

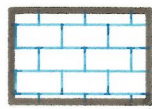
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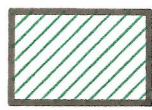
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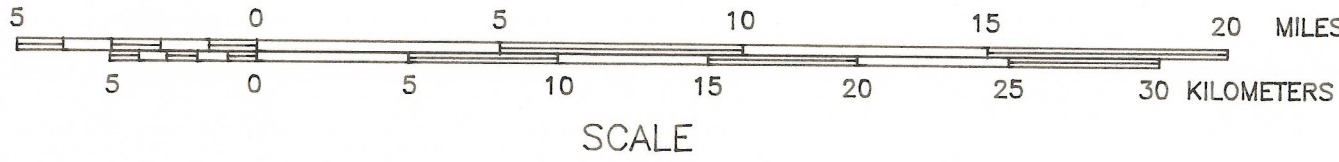
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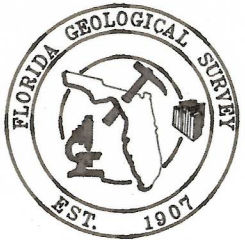
FLORIDAN AQUIFER SYSTEM



SURFICIAL AQUIFER SYSTEM

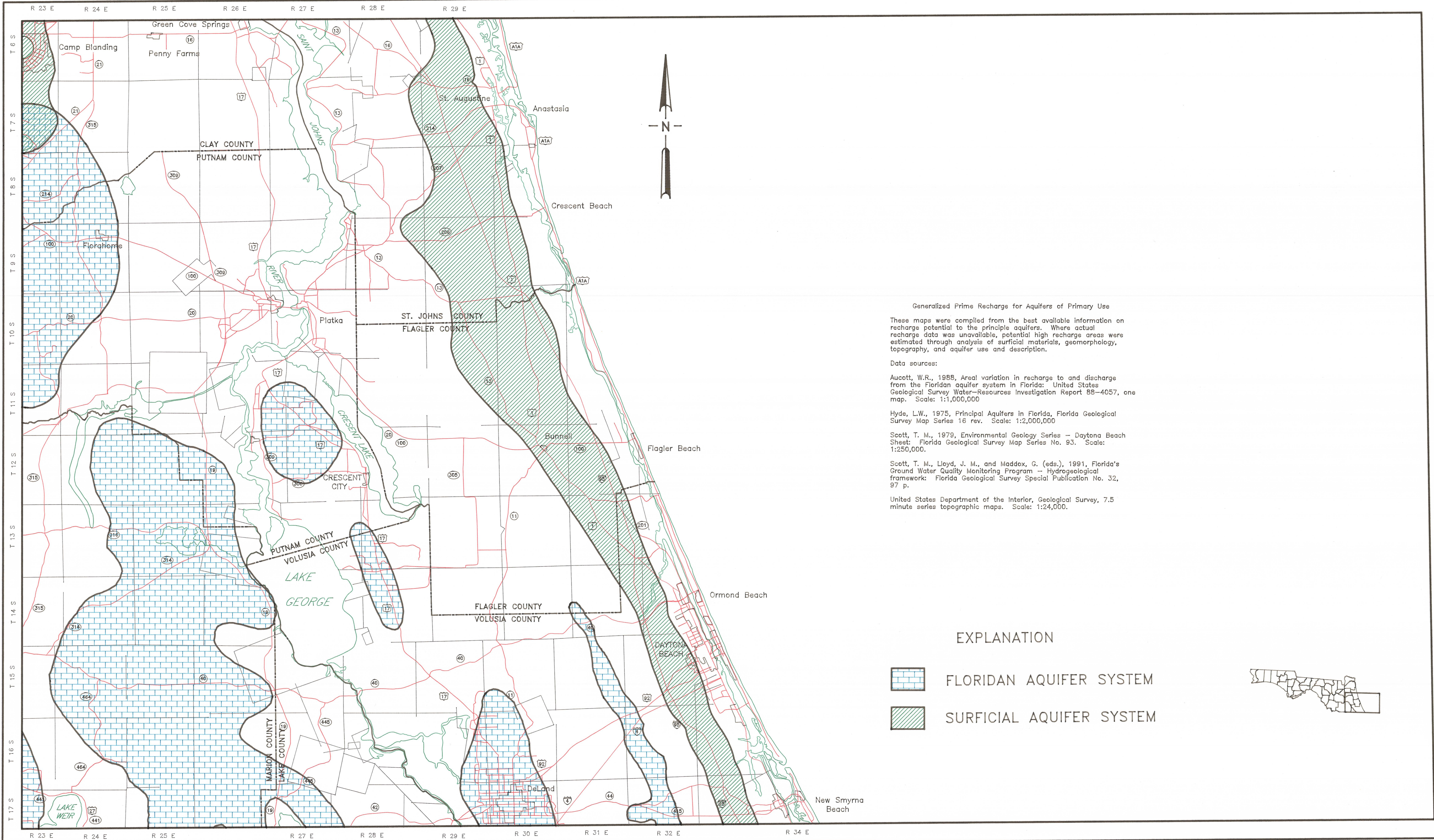


GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
GAINESVILLE SHEET



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J. LLOYD, AND T. SCOTT
CARTOGRAPHY BY: J. JONES AND T. KIPER
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Generalized Prime Recharge for Aquifers of Primary Use

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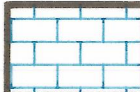
Hyde, L.W., 1975, Principal Aquifers in Florida, Florida Geological Survey Map Series 16 rev. Scale: 1:2,000,000

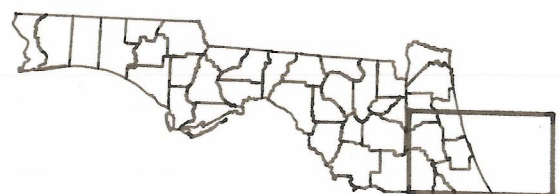
Scott, T. M., 1979, Environmental Geology Series - Daytona Beach Sheet: Florida Geological Survey Map Series No. 93. Scale: 1:250,000.

Scott, T. M., Lloyd, J. M., and Maddox, G. (eds.), 1991, Florida's Ground Water Quality Monitoring Program - Hydrogeological framework: Florida Geological Survey Special Publication No. 32, 97 p.

United States Department of the Interior, Geological Survey, 7.5 minute series topographic maps. Scale: 1:24,000.

EXPLANATION

-  FLORIDAN AQUIFER SYSTEM
-  SURFICIAL AQUIFER SYSTEM

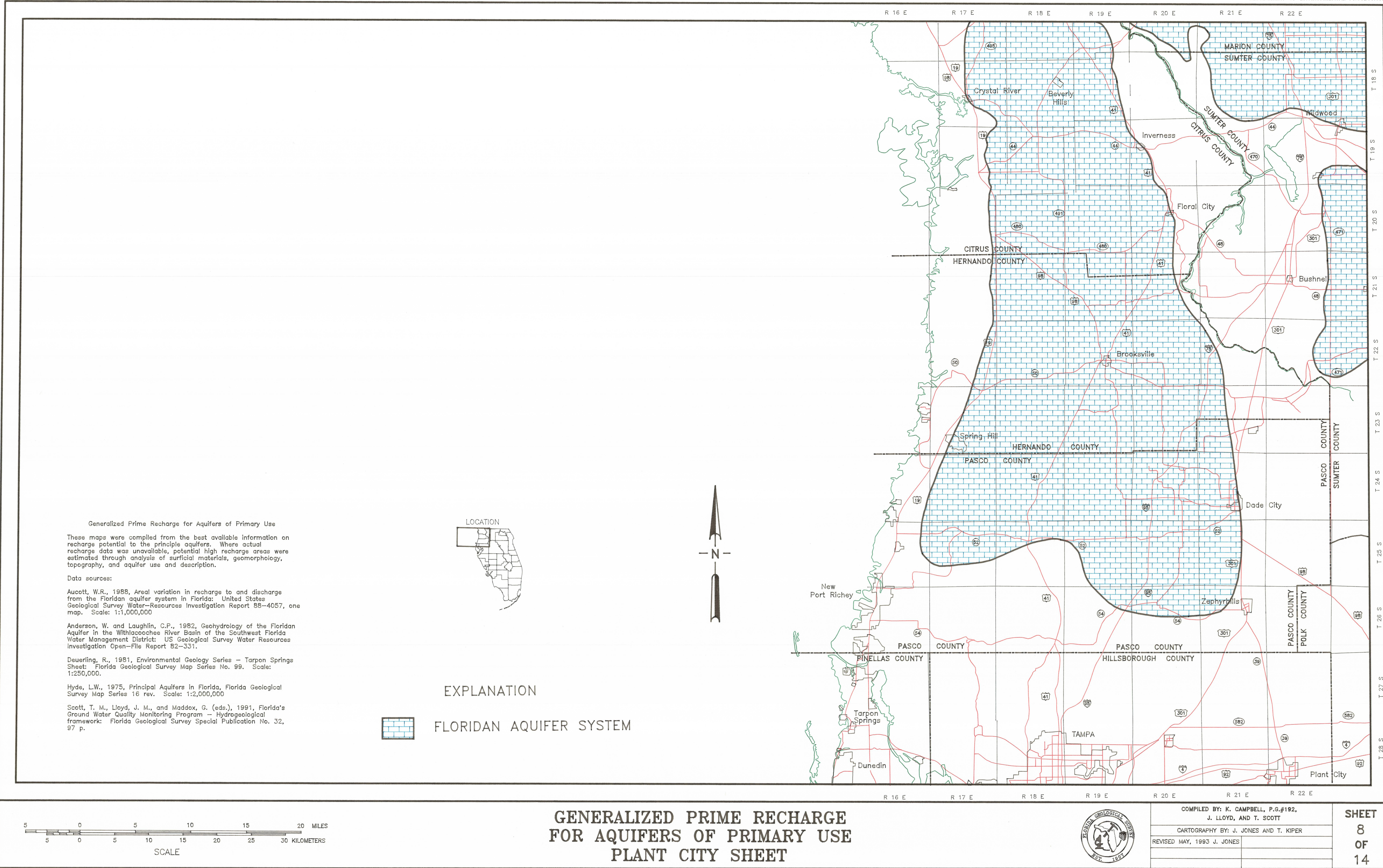


GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
DAYTONA BEACH SHEET

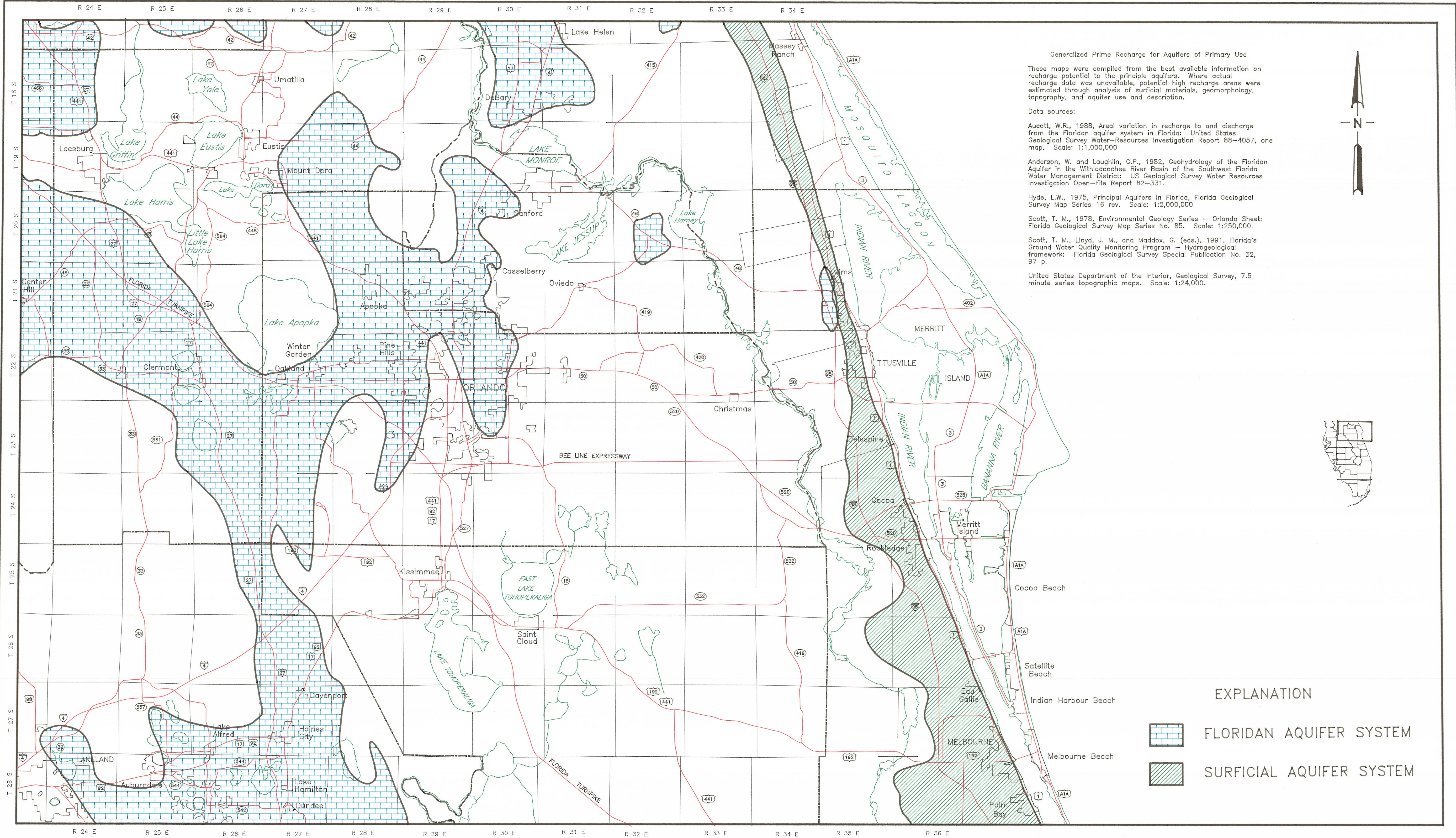


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Generalized Prime Recharge for Aquifers of Primary Use

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Anderson, W. and Laughlin, C.P., 1982, Geohydrology of the Floridan Aquifer in the Withlacoochee River Basin of the Southwest Florida Water Management District: US Geological Survey Water Resources Investigation Open-File Report 82-331.

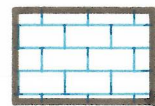
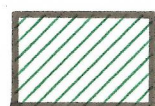
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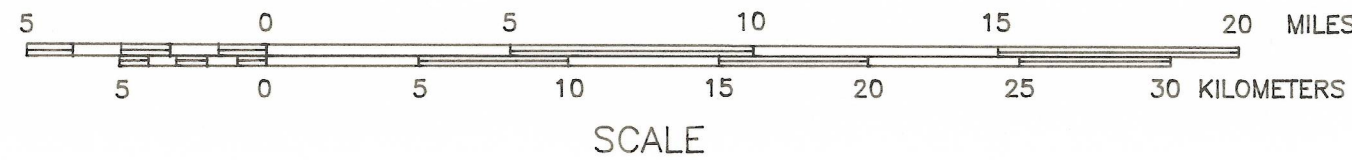
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United States Department of the Interior, Geological Survey, 7.5 minute series topographic maps. Scale: 1:24,000.

EXPLANATION

-  FLORIDAN AQUIFER SYSTEM
-  SURFICIAL AQUIFER SYSTEM

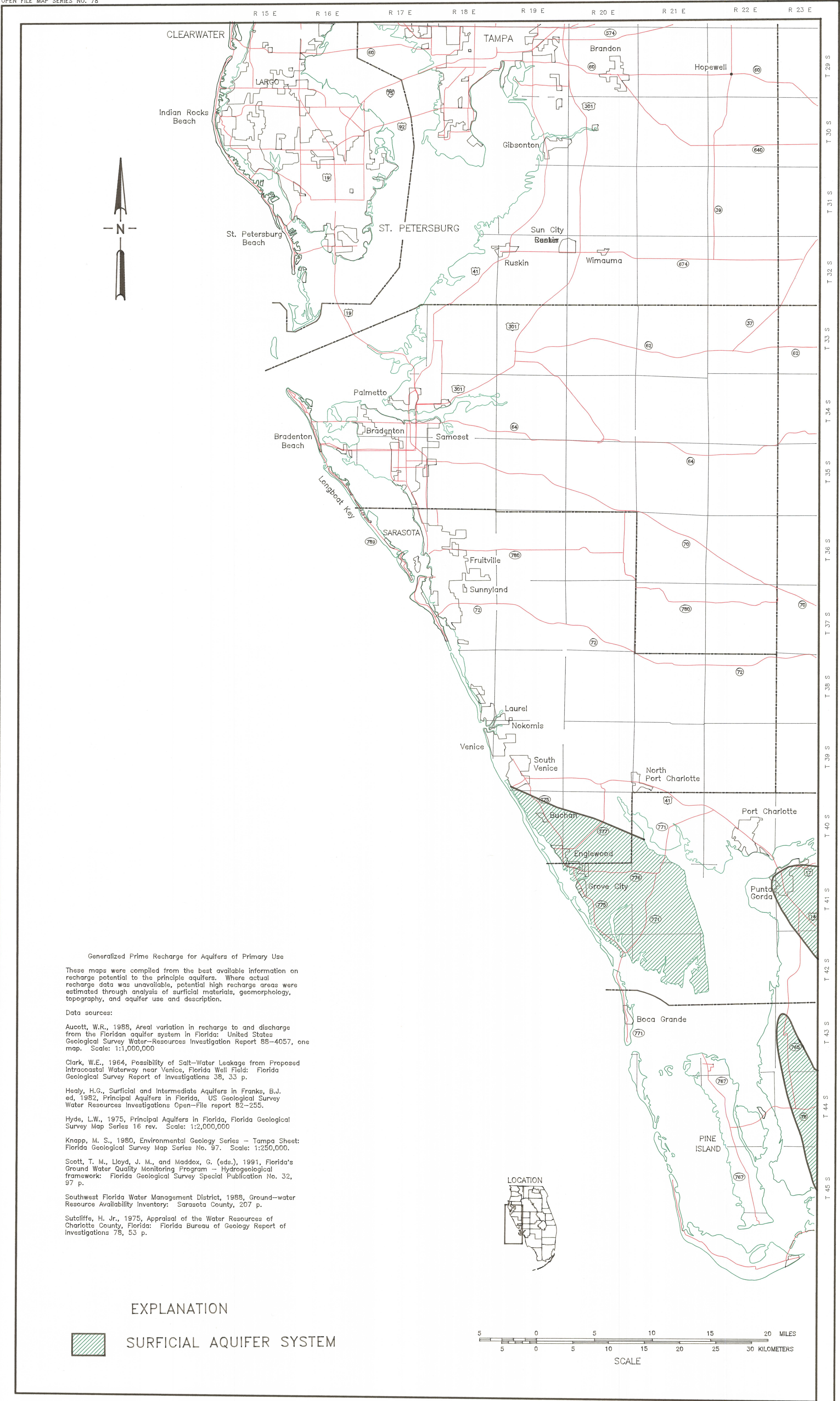


GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
ORLANDO SHEET



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Generalized Prime Recharge for Aquifers of Primary Use

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Aucott, W.R., 1988, Areal variation in recharge to and discharge from the Floridan aquifer system in Florida: United States Geological Survey Water-Resources Investigation Report 88-4057, one map. Scale: 1:1,000,000

Clark, W.E., 1964, Possibility of Salt-Water Leakage from Proposed Intracoastal Waterway near Venice, Florida Well Field: Florida Geological Survey Report of Investigations 38, 33 p.

Healy, H.G., Surficial and Intermediate Aquifers in Franks, B.J. ed, 1982, Principal Aquifers in Florida, US Geological Survey Water Resources Investigations Open-File report 82-255.

Hyde, L.W., 1975, Principal Aquifers in Florida, Florida Geological Survey Map Series 16 rev. Scale: 1:2,000,000

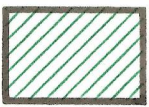
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Scott, T. M., Lloyd, J. M., and Maddox, G. (eds.), 1991, Florida's Ground Water Quality Monitoring Program - Hydrogeological framework: Florida Geological Survey Special Publication No. 32, 97 p.

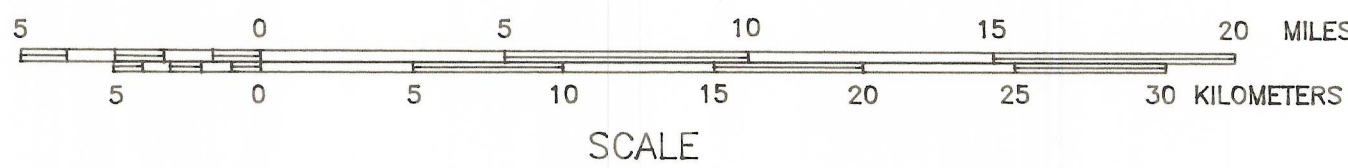
Southwest Florida Water Management District, 1988, Ground-water Resource Availability Inventory: Sarasota County, 207 p.

Sutcliffe, H. Jr., 1975, Appraisal of the Water Resources of Charlotte County, Florida: Florida Bureau of Geology Report of Investigations 78, 53 p.

EXPLANATION

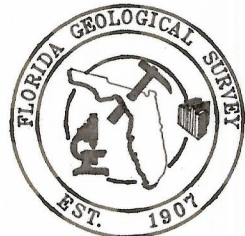


SURFICIAL AQUIFER SYSTEM



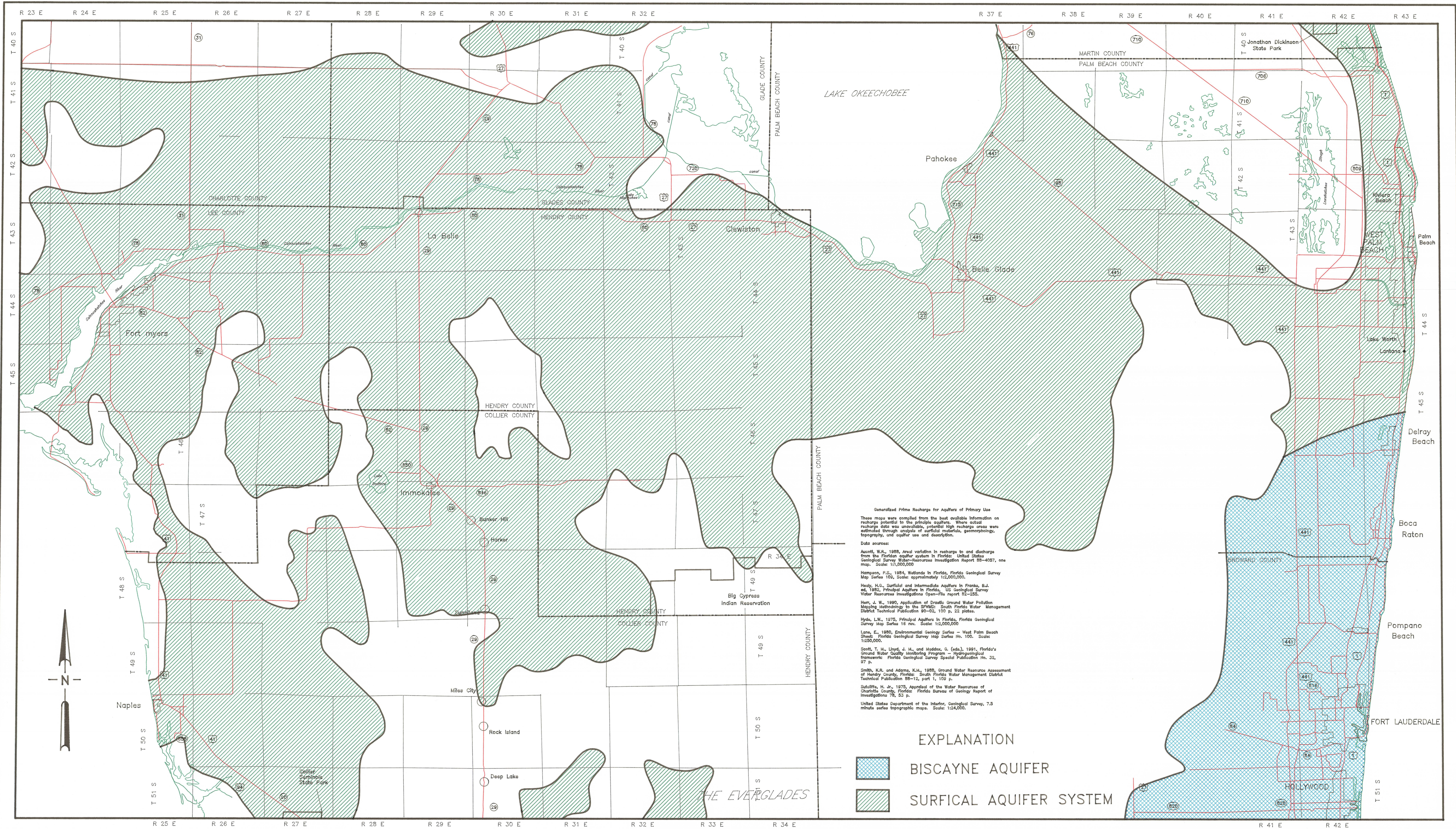
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CARTOGRAPHY BY: J. JONES AND T. KIPER	
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GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
TAMPA SHEET



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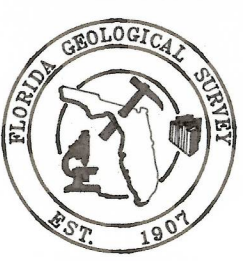
Generalized Prime Recharge for Aquifers of Primary Use
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Ascott, W.R., 1988, Areal variation in recharge to and discharge from the Floridan aquifer system in Florida, United States Geological Survey Water-Resources Investigation Report 88-4087, one map. Scale: 1:1,000,000.
Hampson, P.S., 1984, Wetlands in Florida, Florida Geological Survey Map Series 109, Scale: approximately 1:2,000,000.
Healy, H.G., Surficial and Intermediate Aquifers in Florida, B.S. ed., 1982, Principal Aquifers in Florida, US Geological Survey Water Resources Investigations Open-File report 82-325.
Herr, J.W., 1980, Application of Drastic Ground Water Pollution Mapping Methodology to the SPWMD: South Florida Water Management District Technical Publication 80-02, 100 p., 22 plates.
Hyde, L.W., 1975, Principal Aquifers in Florida, Florida Geological Survey Map Series 16 rev. Scale: 1:2,000,000.
Lane, E., 1980, Environmental Geology Series - West Palm Beach Sheet, Florida Geological Survey Map Series No. 100. Scale: 1:250,000.
Scott, T. M., Lloyd, J. M., and Madden, G. (eds.), 1981, Florida's Ground Water Quality Monitoring Program - Hydrogeological Framework, Florida Geological Survey Special Publication No. 32, 97 p.
Smith, K.R. and Adams, K.M., 1988, Ground Water Resources Assessment of Hendry County, Florida: South Florida Water Management District Technical Publication 88-12, part 1, 109 p.
Subliffe, H. Jr., 1975, Appraisal of the Water Resources of Charlotte County, Florida: Florida Bureau of Geology Report of Investigations 75, 53 p.
United States Department of the Interior, Geological Survey, 7.5 minute series topographic maps. Scale: 1:24,000.

EXPLANATION

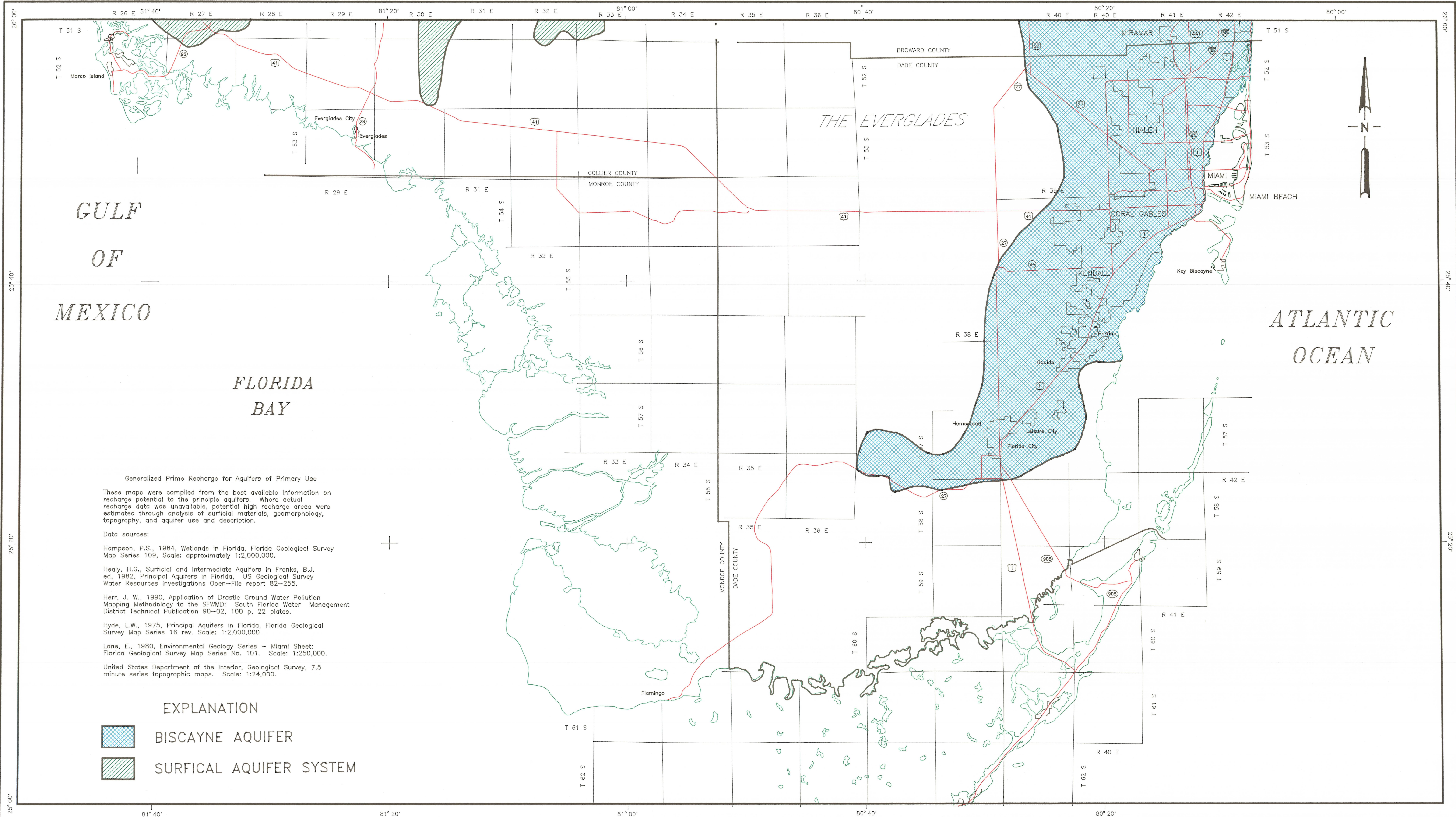
-  BISCAYNE AQUIFER
-  SURFICIAL AQUIFER SYSTEM

**GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
WEST PALM BEACH**



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J. LLOYD, AND T. SCOTT
CARTOGRAPHY BY: J. JONES AND T. KIPER
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Generalized Prime Recharge for Aquifers of Primary Use

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Hampson, P.S., 1984, Wetlands in Florida, Florida Geological Survey Map Series 109, Scale: approximately 1:2,000,000.

Healy, H.G., Surficial and Intermediate Aquifers in Franks, B.J. ed, 1982, Principal Aquifers in Florida, US Geological Survey Water Resources Investigations Open-File report 82-255.

Herr, J. W., 1990, Application of Drastic Ground Water Pollution Mapping Methodology to the SFWMD: South Florida Water Management District Technical Publication 90-02, 100 p, 22 plates.

Hyde, L.W., 1975, Principal Aquifers in Florida, Florida Geological Survey Map Series 16 rev. Scale: 1:2,000,000

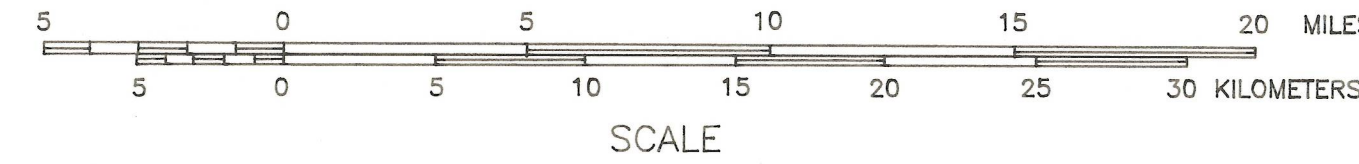
Lane, E., 1980, Environmental Geology Series - Miami Sheet: Florida Geological Survey Map Series No. 101. Scale: 1:250,000.

United States Department of the Interior, Geological Survey, 7.5 minute series topographic maps. Scale: 1:24,000.

EXPLANATION

BISCAYNE AQUIFER

SURFICAL AQUIFER SYSTEM



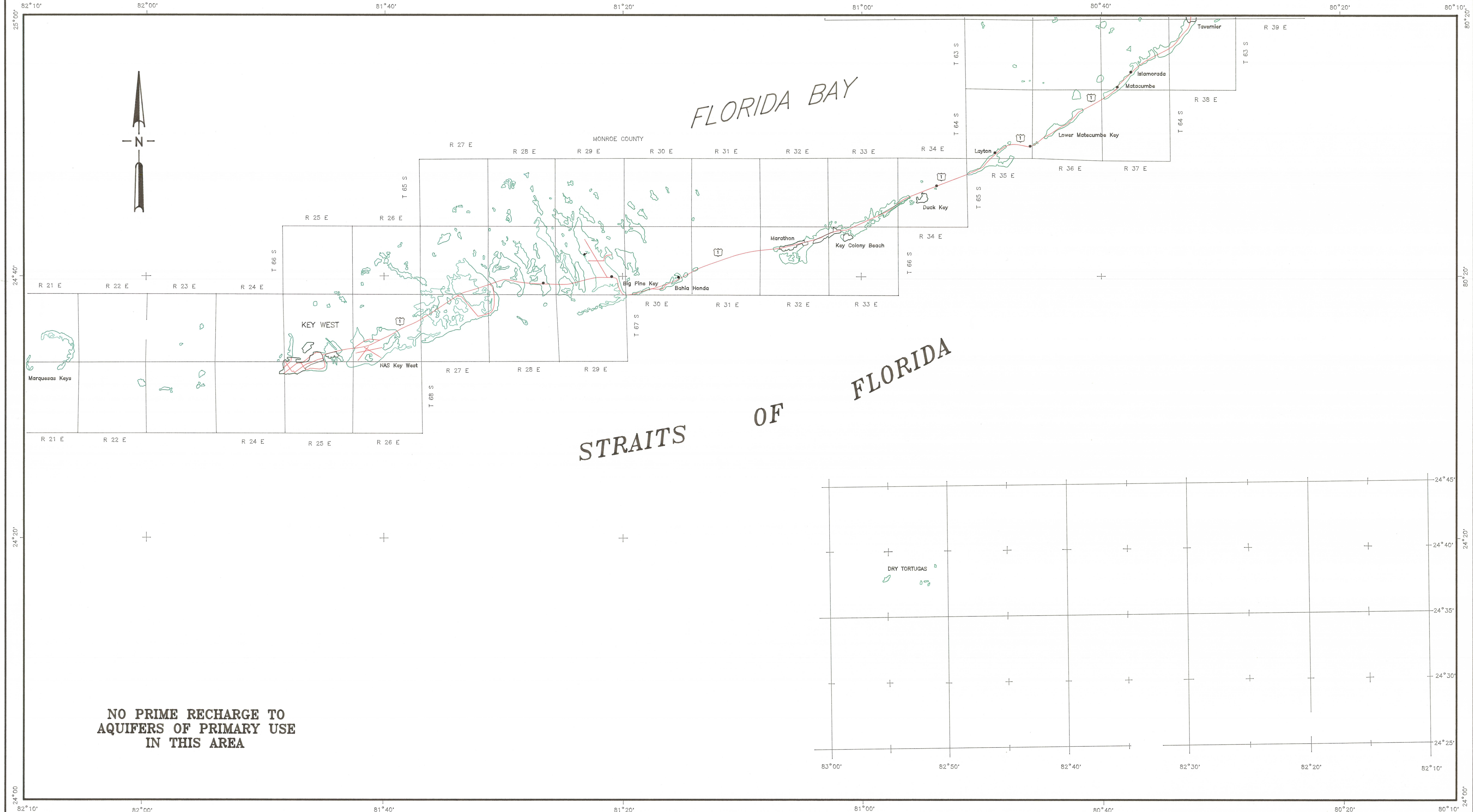
GENERALIZED PRIME RECHARGE
FOR AQUIFERS OF PRIMARY USE
MIAMI SHEET



COMPILED BY: K. CAMPBELL, P.G.#192, J. LLOYD, AND T. SCOTT		SHEET 13 OF 14
CARTOGRAPHY BY: J. JONES AND T. KIPER		
REVISED MAY, 1993 J. JONES		

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