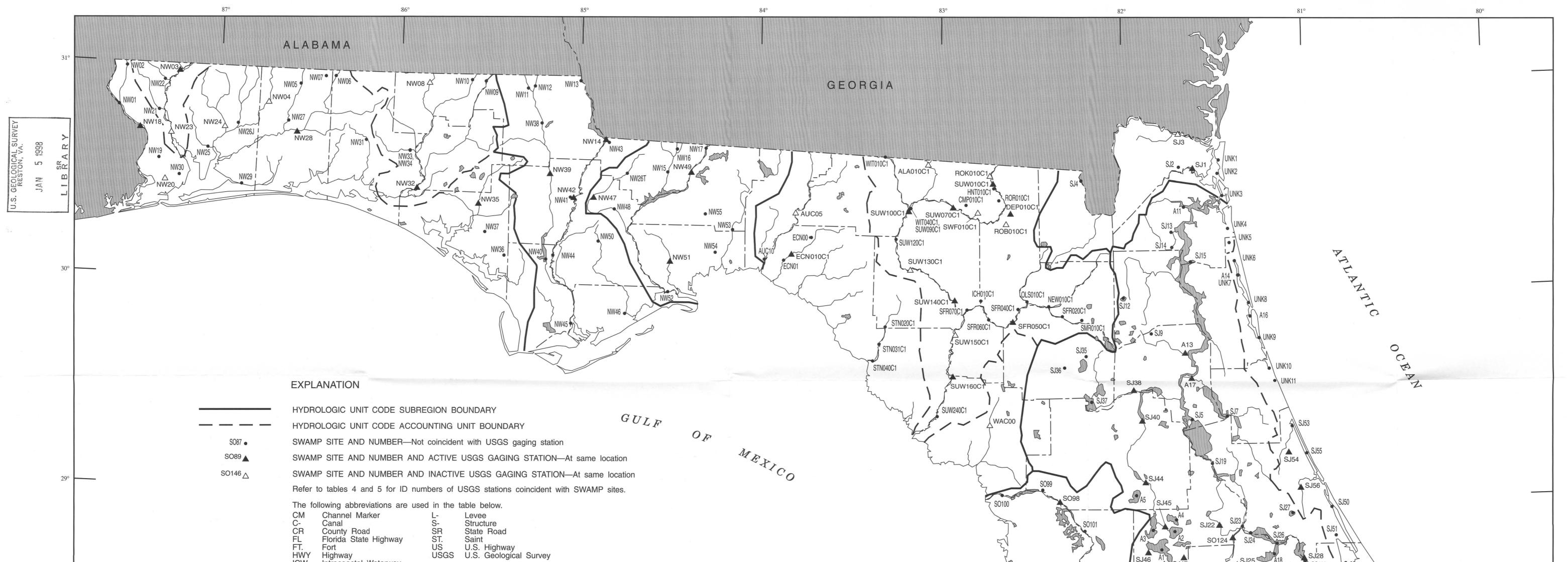


## U.S. GEOLOGICAL SURVEY

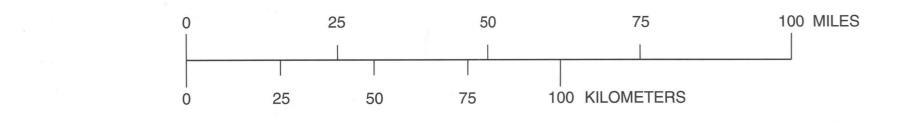
## OPEN-FILE REPORT 97-352

## FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

## Locations of SWAMP trend sites—PLATE 1 Choquette, A.F. and others, Estimating streamflow and analyzing trends for the SWAMP network



			HWY Highway ICW Intracoastal [Source of data: Flo	Waterway	USGS U.S. Geological Survey of Environmental Protection (FDEP) files.]			SJ46 A1 SJ471 SJ46 A1 SJ471 SJ46 A1 SJ471 SJ25 A18 SJ28 SO120 SJ29 A20 SO126 SJ29 A20
		SITE		SITE		SITE	STREAM NAME	S0116 S0117 S0109 S0157 S0157 S0127 S0127 S0121 SJ31 F S0109 A9 S0109 S0
Si3 ST. MARYS RIVER AT GEORGIA LINE US 17 S070 ST. CLOUD CANAL AT \$R 523 UNKS ICW AT MARKET   Si4 ST. MARYS RIVER AT SR 2 S071 REEDV CREEK AT \$R 531 UNKS ICW AT MARKET 2- PALM VALLEY   Si5 ST. JOHNS RIVER CHANNEL MARKET 72 S072 LAKE TOHOPEXALIGA - SOUTH PORT CANAL UNKS ICW AT MARKET 2- PALM VALLEY   Si5 ST. JOHNS RIVER AT BE 2 S072 LAKE TOHOPEXALIGA - SOUTH PORT CANAL UNKS ICW AT MARKET 2- PALM VALLEY   Si7 CHESCENT LAKE BY MARKET N2 S072 LAKE TOHOPEXALIGA - SOUTH PORT CANAL UNKS ICW AT MARKET 2- PALM VALLEY   Si7 CHESCENT LAKE BY MARKET N2 S074 ALLIGATOR LAKE CENTER UNK8 ICW AT MARKET 2- PALM VALLEY   Si7 CHESCENT LAKE BY MARKET N2 S074 ALLIGATOR LAKE CENTER UNK8 ICW AT MARKET 2- PALM VALLEY   Si7 CHESCENT LAKE BY MARKET N2 S074 ALLIGATOR LAKE CENTER UNK8 ICW AT MARKET 2- PALM VALLEY   Si9 GEORGES LAKE 20 VARDS FROM WEST BANK S074 ALLIGATOR LAKE CENTER UNK8 ICW AT MARKET 2- PALM VALLEY   Si9 GEORGES LAKE 20 VARDS FROM WEST BANK S077 PEACE FRIVER UNK8 ICW AT CHANNEL MARKET 2- PALM VALLEY   Si12 KINGSLEVEL VARE CARENT S077 OAK CREEK S077 P	28°	A3 A4 A5 A6 A7 A8 A9 A11 A13 A14 A16 A17 A18 A20 ALA010C1 AUC05 AUC10 CMP010C1 DEP010C1 ECN00 ECN01 ECN01C1 HNT010C1 ICH010C1 HNT010C1 ICH010C1 NW02 NW03 NW04 NW05 NW06 NW07 NW08 NW07 NW08 NW07 NW08 NW07 NW08 NW07 NW08 NW07 NW08 NW07 NW11 NW12 NW11 NW12 NW13 NW14 NW15 NW16 NW17 NW18 NW17 NW18 NW17 NW18 NW17 NW18 NW17 NW18 NW17 NW18 NW17 NW20 NW21 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW27 NW28 NW27 NW28 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW27 NW28 NW26 NW27 NW28 NW27 NW28 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW26 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW26 NW26 NW27 NW28 NW29 NW20 NW21 NW22 NW23 NW24 NW25 NW26 NW26 NW26 NW26 NW26 NW26 NW26 NW26	LAKE EUSTIS MIDDLE LAKE EUSTIS MIDDLE YALE LAKE SOUTH LOBE CENTER LAKE WEIR AT CENTER EAU GALLIE RIVER AT MELBOURNE INDIAN RIVER LAGOON CRANE CREEK JANE GREEN AT USOS GAGE AT TEN MILE ROAD ST. JOHNS RIVER AT SR 50 MONORIEF CREEK NEAR MOUTH RICE CREEK TOLOMATO RIVER AT SPANISH LANDING MATANZAS RIVER AT SPANISH LANDING MATANZAS RIVER AT SPANISH LANDING MATANZAS RIVER AT US 17 LAKE JESSUP NORTHEAST SECTOR ECONLOCKHATCHEE RIVER NEAR CHULUOTA ALAPAHA RIVER NEAR JENNINGS FLA. AUCILLA RIVER AT US 19/27 AUCILLA RIVER AT US 19/27 ECONFINA RIVER AT US 19/27 ECONFINA RIVER AT US 98 CAMP BRANCH AT SR-132 DEEP CREEK AT US 19/27 ECONFINA RIVER AT US 98 CAMP BRANCH AT SR-132 DEEP CREEK AT US 98 CONFINA RIVER AT US 98 CONFINA RIVER AT US 98 CONFINA RIVER AT US 99 ECONFINA RIVER AT US 99 ECONFINA RIVER AT US 90 ECONFINA RIVER AT SR-10/27 ECONFINA RIVER AT SR-25 CHOCTAWHATCHEE RIVER NEAR PITIMAN HOMSE CREEK HWY 2 COND CREEK AT SR-85 CHOCTAWHATCHEE RIVER NEAR PITIMAN HOLMES CREEK HWY 2 COWARTS CREEK HWY 2 COWARTS CREEK HWY 2 COWARTS CREEK HWY 2 COWARTS CREEK HWY 2 COMARTS CREEK HWY 20 CHATTAHUGUS CREEK MARSHALL CREEK AT SR-20 TATAPULGUS CREEK NORTHEAST OF ROEVILLE WIGHTS CREEK HWY 20 CHATTAPULGUS CREEK NORTHEAST OF ROEVILLE WIGHTS CREEK HWY 20 CHATAPULGUS CREEK NORTHEAST OF ROEVILLE WIGHTS CREEK HWY 20 CHATAPULGUS CREEK AT CR 38 SAMDY CREEK SR-220 TATAPULGUS CREEK NORTHEAST OF ROEVILLE POND CREEK SR 220 SANDA CREEK AT CR 31 SANDY CREEK AT CR 318 SANDY CREEK AT SR 20 THAVEN AT FE RIVER AT AN ALBAR BRUCE BRUCCONDEE RIVER NEAR BROOKER AT S	SJ24 SJ25 SJ26 SJ27 SJ28 SJ30 SJ31 SJ32 SJ33 SJ34 SJ35 SJ36 SJ37 SJ38 SJ40 SJ44 SJ45 SJ46 SJ47 SJ48 SJ49 SJ50 SJ51 SJ52 SJ56 SMR010C1 SO02 SO03 SO4 SO05 SO06 SO07 SO08 SO09 SO10 SO11 SO12 SO33 SO4 SO22 SO33 SO4 SO16 SO17 SO18 SO19 SO20 SO21 SO22 SO23 SO24 SO25 SO26 SO27 SO28 SO26 SO27 SO28 SO30 SO31 SO34 SO35 SO36 SO37 SO38 SO39 SO41 SO32 SO33 SO34 SO35 SO36 SO37 SO38 SO39 SO41 SO32 SO33 SO44 SO35 SO36 SO37 SO38 SO39 SO41 SO32 SO33 SO44 SO35 SO36 SO37 SO38 SO39 SO41 SO32 SO33 SO44 SO55 SO56 SO57 SO58 SO56 SO56 SO57 SO58 SO56 SO56 SO57 SO58 SO56 SO56 SO57 SO58 SO56 SO56 SO56 SO57 SO58 SO56 SO56 SO56 SO56 SO56 SO56 SO56 SO56	ST. JOHNS RIVER AT US 1792 LITTLE VERVA RIVER AT SR 46 BIG ECONLOCKHATCHEE RIVER SR 419 BIG ECONLOCKHATCHEE RIVER WASHINGTON BLUE CYPRESS LAKE CENTER INDIAN RIVER HATCHET CREEK NEAR GANNESVILLE SWEETWATER BRANCH ORANGE CREEK SO YARDS UP FROM FL 21 OKLAWAHA RIVER AT SR 444 HAINES CREEK AT LOCK AND DAM PALALLAKHA RIVER AT SR 446 HAINES CREEK AT LOCK AND DAM PALALAKHA RIVER AT SR 446 HAINES CREEK AT LOCK AND DAM PALALAKHA RIVER AT CH 48 BRIDGE INDIAN RIVER AT CON LONG HAW BRIDGE TOMOKA RIVER AT OLD DIXIE HAW BRIDGE TOMOKA RIVER AT CLEVENTH STREET BRIDGE HALFAX RIVER SPRUCE CREEENE KAR SAMSULA SPRUCE CREEENE KAR SAMSULA SPRUCE CREEENE CAN SAMSULA SOUTH NEW RIVER CARECHOBEE-SOUTH LAKE OKEECHOBEE-SOUTH LAKE OKEECHOBEE-CENTRAL LAKE OKEECHOBEE SOUTH-OKEN TO ALFAR RIVER RACH AND CANAL PUPSTREAM OF S-15 ON C-51 NEAR LAKE WORTH UPSTREAM OF S-15 ON C-51 NEAR LAKE WORTH HUSTREAM OF S-16 NOCH ANNER	S082 S083 S084 S085 S086 S087 S088 S089 S090 S091 S092 S093 S094 S095 S096 S097 S098 S099 S0100 S0101 S0102 S0103 S0104 S0102 S0103 S0104 S0107 S0108 S0109 S0110 S0111 S0112 S0113 S0114 S0115 S0116 S0117 S0118 S0119 S0120 S0121 S0122 S0123 S0124 S0125 S0126 S0127 S0128 S0129 S0130 S0131 S0132 S0133 S0135 S0136 S0137 S0138 S0139 S0140 S0141 S0142 S0133 S0135 S0136 S0137 S0138 S0139 S0140 S0141 S0142 S0133 S0135 S0136 S0137 S0138 S0139 S0140 S0141 S0142 S0133 S0135 S0156 S0157 S0158 S0159 STN020C1 STN020C1 SUW100C1	PEACE RIVER AT ARCADIA FLA KISSIMMEE RIVER IOS MILES DOWNSTREAM OF LAKE KISSIMMEE LOWER END OF LAKE KISSIMMEE LAKE JACKSON CENTER BRADEN RIVER AT INTERSTATE HIGHWAY 75 GAMBLE CREEK AROVE MANATEE RIVER MANATEE RIVER AT INTERSTATE HIGHWAY 75 GAMBLE CREEK AROVE MANATEE RIVER MANATEE RIVER AT INTERSTATE HIGHWAY 75 GAMBLE CREEK AROVE MANATEE RIVER NEAR CAT UTTLE MANATEE RIVER AT CR 579 SOUTH FORK LITTLE MANATEE RIVER NEAR CR 579 HILLSBOROUGH RIVER AT US 301 BRIDGE FLINT CREEK AT US 301 EAST SIDE HILLSBOROUGH RIVER AT BUSCH BOULEVARD TICHEPACKESASSA CREEK WITHLACOOCHEE RIVER AT STOKE'S FERRY BULE RUN RAINBOW RIVER AT STOKE'S FERRY BULLE RUN RAINBOW RIVER AT STOKE'S FERRY BULLE RUN RAINBOW RIVER AT STOKE'S FERRY BULL ROOCHEE RIVER AT STOKE'S FERRY BULL ROOCHE RIVER AT STOKE'S FERRY BULL ROOCHE RIVER AT STOKE'S FERRY WITHLACOOCHEE RIVER AT STOKE'S FERRY WITHLACOOCHEE RIVER AT STOKE'S FERRY WITHLACOOCHEE RIVER AT SILLS FLA. WITHLACOOCHEE RIVER AT SILLS FLA. WITHLACOOCHEE RIVER AT SILLS FLA. WITHLACOOCHEE RIVER AT SOME BOGGY CREEK AT SR 530 ST JOHNS RIVER AT SA ANCLOTE RIVER AT SOME BOGGY CREEK AT SR 530 ST JOHNS RIVER AT ORANGE MOUND ECONLOCKHATCHEE RIVER AT ROGENS PARK WEEKI WACHEE RIVER AT ORANGE MOUND ECONLOCKHATCHEE RIVER AT ROGAND BRIDGE LITTLE WEEKIN ANDER AT ORANGE MOUND ECONLOCKHATCHEE RIVER AT SH 420 CYPRESS CREEK AT SR 530 ST JOHNS RIVER AT LORANL AT US 41 EXAMPLE RIVER AT LORANL AT US 41 EXAMPLE RIVER AT LORANL AT US 41 THE WITH ACOUCHE RAINER AT COMPLE ROUND HIMMI CANAL AT NORTHWEST 36 STREET MIANI FLA. BLA	
0 25 50 75 100 MILES	25°	SJ3 SJ4 SJ5 SJ7 SJ9 SJ12 SJ13 SJ14 SJ15 SJ19	ST. MARYS RIVER AT GEORGIA LINE US 17 ST. MARYS RIVER AT SR 2 ST. JOHNS RIVER CHANNEL MARKER 72 CRESCENT LAKE BY MARKER NO. 9 GEORGES LAKE 200 YARDS FROM WEST BANK KINGSLEY LAKE CENTER CEDAR CREEK BLANDING BOULEVARD ORTEGA RIVER AT COLLINS ROAD JULINGTON CREEK AT SR 13 ST JOHNS RIVER AT HWY 40	SO70 SO71 SO72 SO73 SO74 SO75 SO76 SO77 SO78 SO79	ST. CLOUD CANAL AT SR 523 REEDY CREEK AT SR 531 LAKE TOHOPEKALIGA - SOUTH PORT CANAL BOGGY CREEK AT CR 530 ALLIGATOR LAKE CENTER SHELL CREEK AT SR 764 BRIDGE PEACE RIVER OAK CREEK PEACE RIVER BRIDGE HORSE CR SR 72 BRIDGE	UNK5 UNK6 UNK7 UNK8 UNK9 UNK10 UNK11 UNK12 WAC00 WIT010C1	ICW AT MARSH LANDING ICW AT CHANNEL MARKER 2 - PALM VALLEY ICW AT CHANNEL MARKER 21 ICW AT ROBINSON CREEK - SOUTH CHANNEL MARKER 54 ICW JUST NORTH OF SR 206 ICW CHANNEL MARKER 1018 - LONG CREEK ICW AT CHANNEL MARKER 1 ICW AT CHANNEL MARKER 1 ICW AT CHANNEL MARKER 19 WACCASASSA RIVER AT SIR 24 WITHLACOOCHEE RIVER AT STATE LINE	SO147
0 25 50 75 100 KILOMETERS								of mesting of the



Base map scale 1:1,000,000, digital data source from U.S. Geological Survey digital data, 1:2,000,000, 1972 Albers Equal-Area Conic projection Standard Parallels 29°30' and 45°30', central meridian 83°00'

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LOCATIONS OF SWAMP (Surface-Water Ambient Monitoring Program) NETWORK TREND SITES AND COINCIDENT LOCATIONS OF U.S. GEOLOGICAL SURVEY STREAMFLOW-GAGING STATIONS

Anne F. Choquette, Lisa K. Ham, and Agustin A. Sepulveda

by