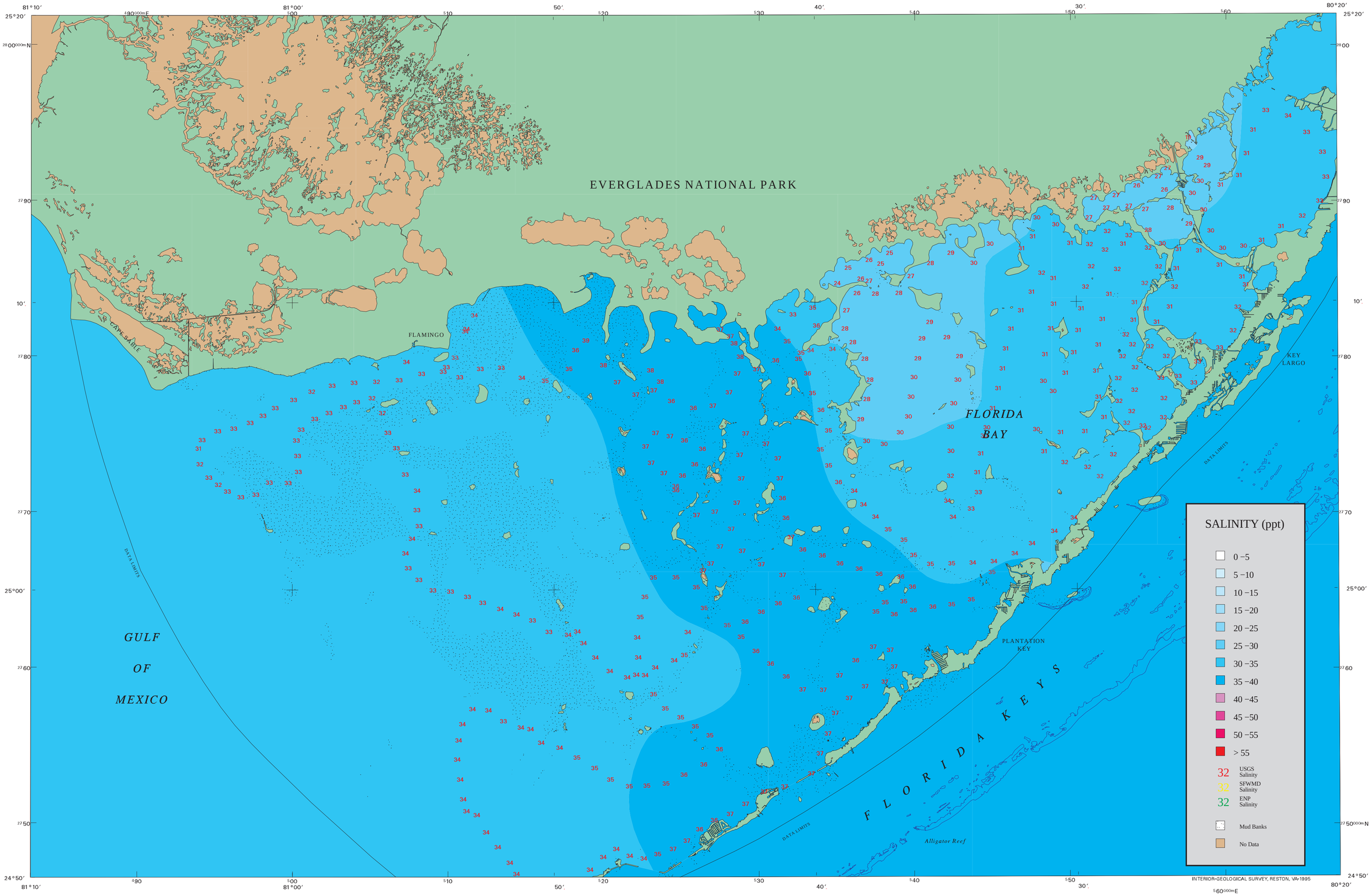
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared for the
SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

FLORIDA BAY SALINITY MAP –28A
OPEN-FILE REPORT #98-142



INTERIOR-GEOLOGICAL SURVEY, RESTON, VA-1995

Mapped, edited, and published by the Geological Survey
Base by National Oceanic and Atmospheric Administration, National Ocean Service. Additional topography and enhancements in some locations by Florida Department of Environmental Protection, Florida Marine Research Institute.
Projection and 10 000-meter grid tics: Universal Transverse Mercator zone 17 North American Datum of 1983

SCALE 1: 150 000

5 0 5 10 15 MILES

5 0 5 10 15 20 KILOMETERS

CONTOUR INTERVAL 5 ppt SALINITY

UTM GRID AND 1995 MAGNETIC DECLINATION AT CENTER OF SHEET

FLORIDA
MAP LOCATION

Salinity data collected by K. Ludwig and Jason Greenwood of the U.S. Geological Survey between 5-7 April 1999.
Map prepared by Yucong Tao.
Salinity is calculated using Unesco algorithms from conductivity and temperature field measurements.
Contours are based on interpolation and trends within the data set, developed and smoothed using contouring software.
This map has not been reviewed for conformity with U.S. Geological Survey editorial standards.

FLORIDA BAY SURFACE SALINITIES

April 1999

By
Robert Halley[1], Dewitt Smith,[2] and Mark Hansen [1]
1999

USGS
science for a changing world

[1] Center for Coastal Geology and Regional Marine Studies
US Geological Survey
St. Petersburg, FL

[2] South Florida Natural Resources Center
Everglades National Park
Homestead, FL