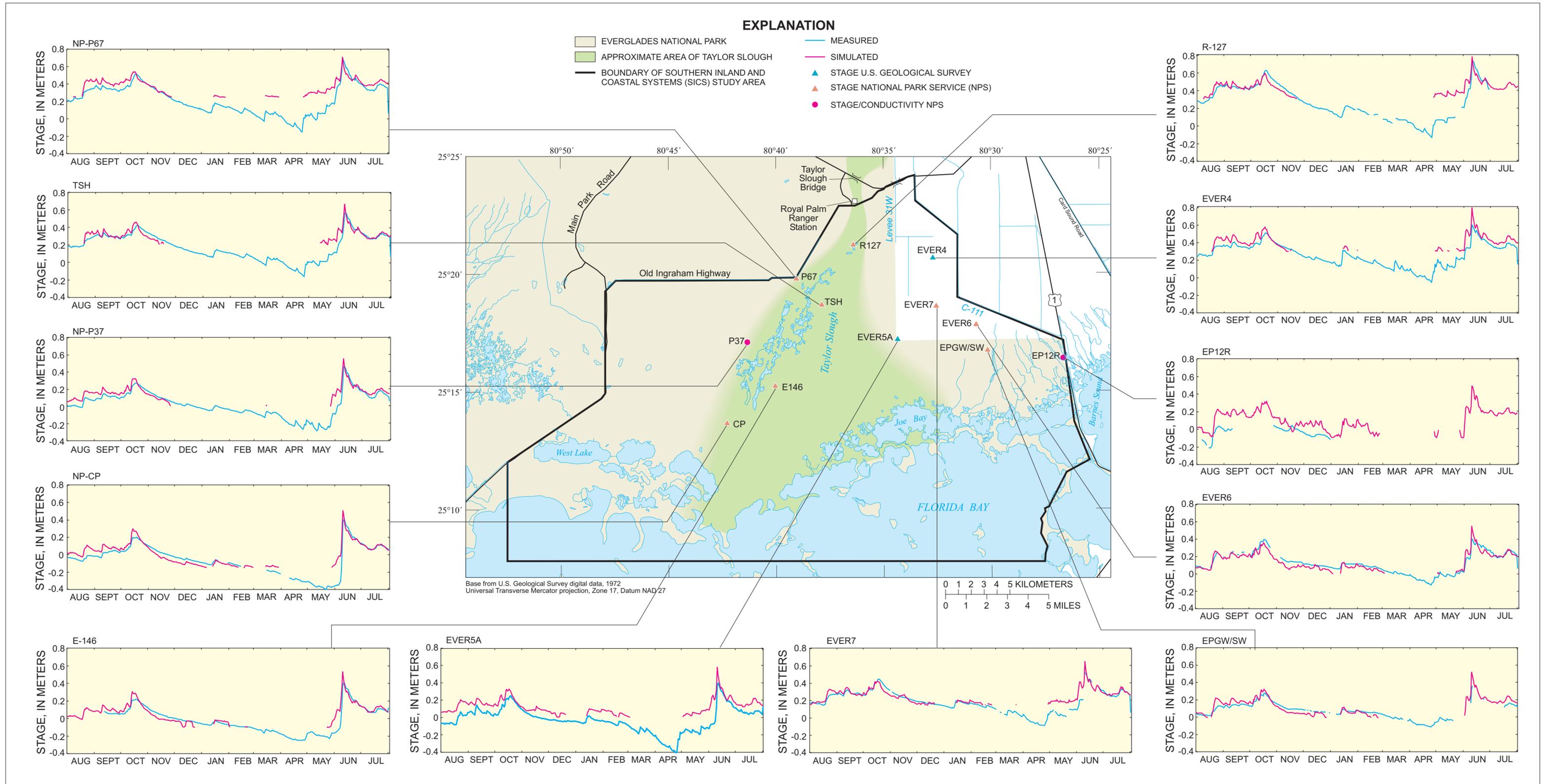
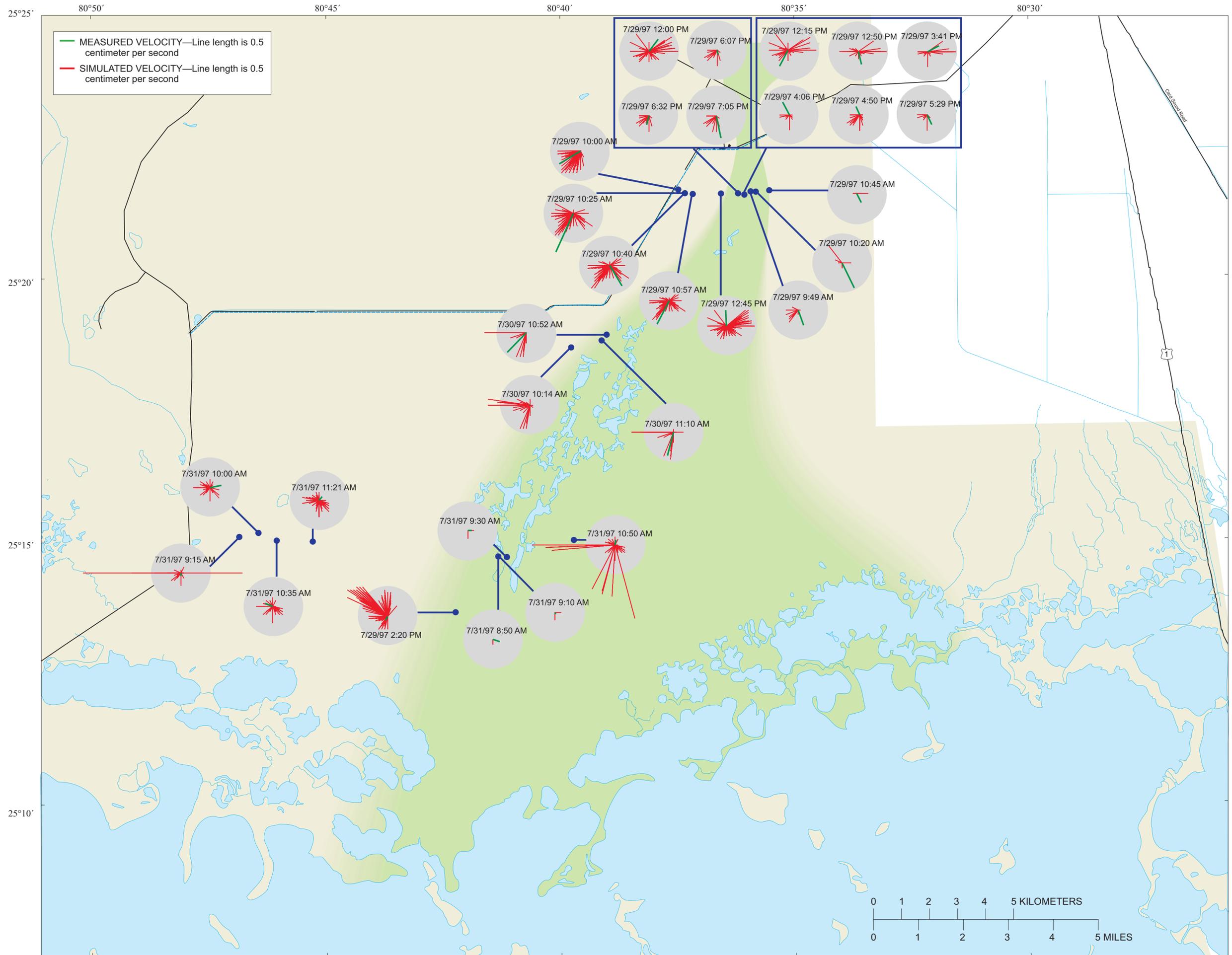


**PLATE 1. Water levels and unit discharges for verification simulation**

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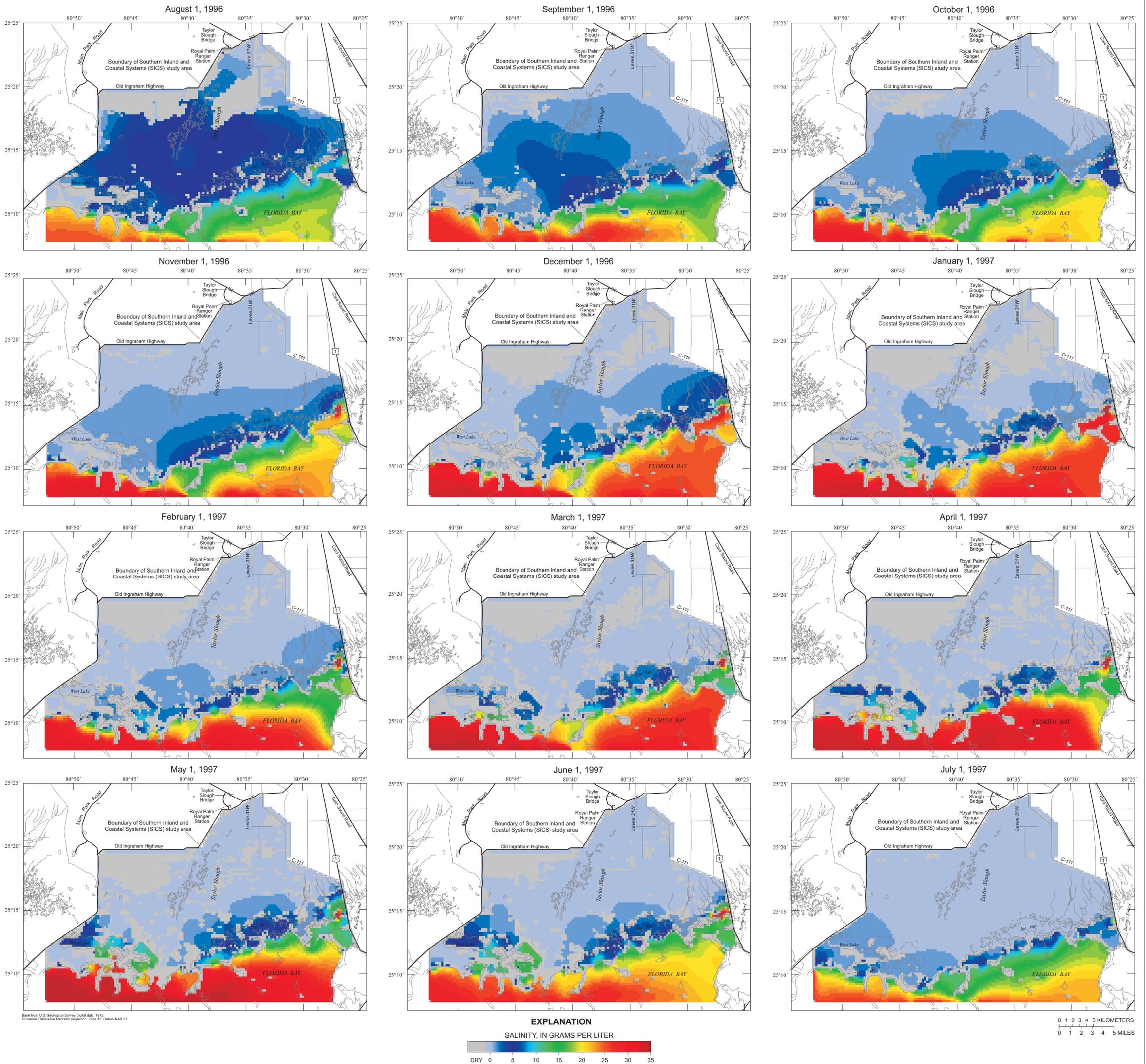




Base from U.S. Geological Survey digital data, 1972  
Universal Transverse Mercator projection, Zone 17, Datum NAD 27

**PLATE 3. Wetland flow velocities for verification simulation, July 29-31, 1997**

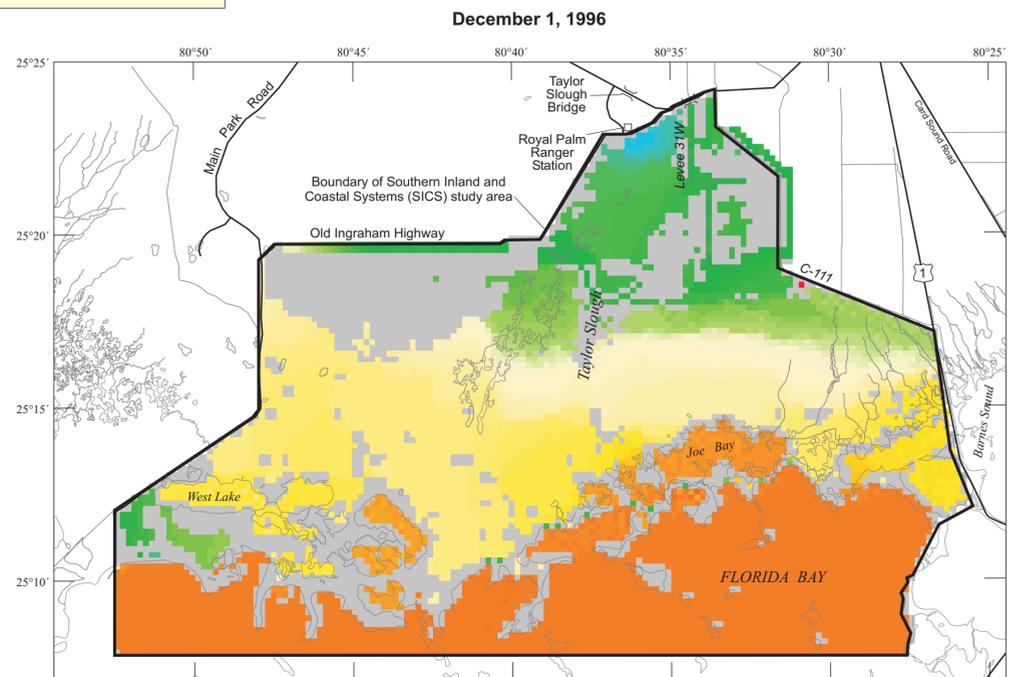
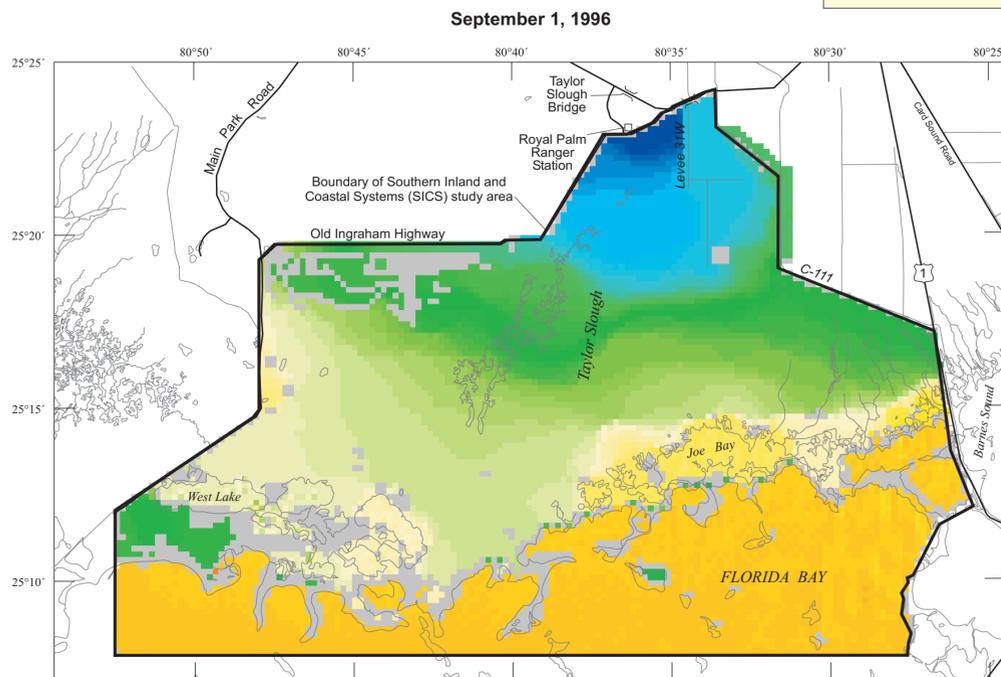
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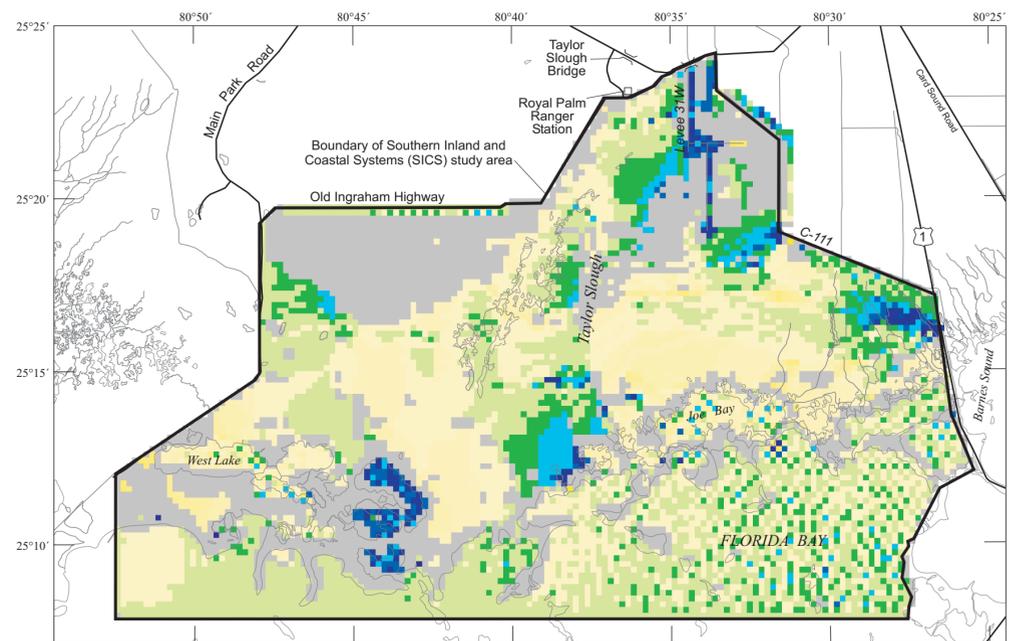
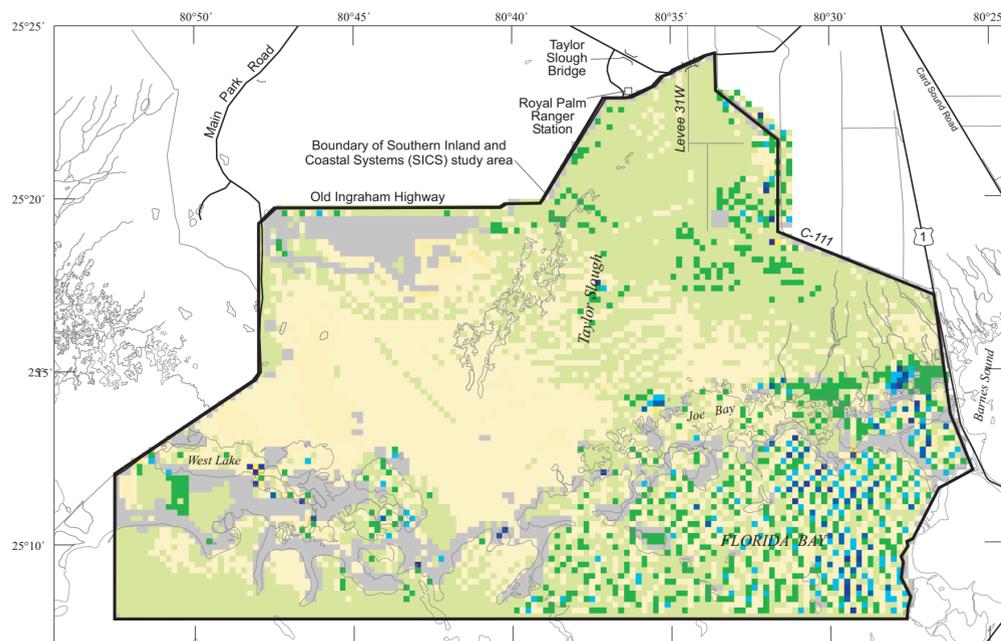
**PLATE 4. Salinity distribution in verification simulation**

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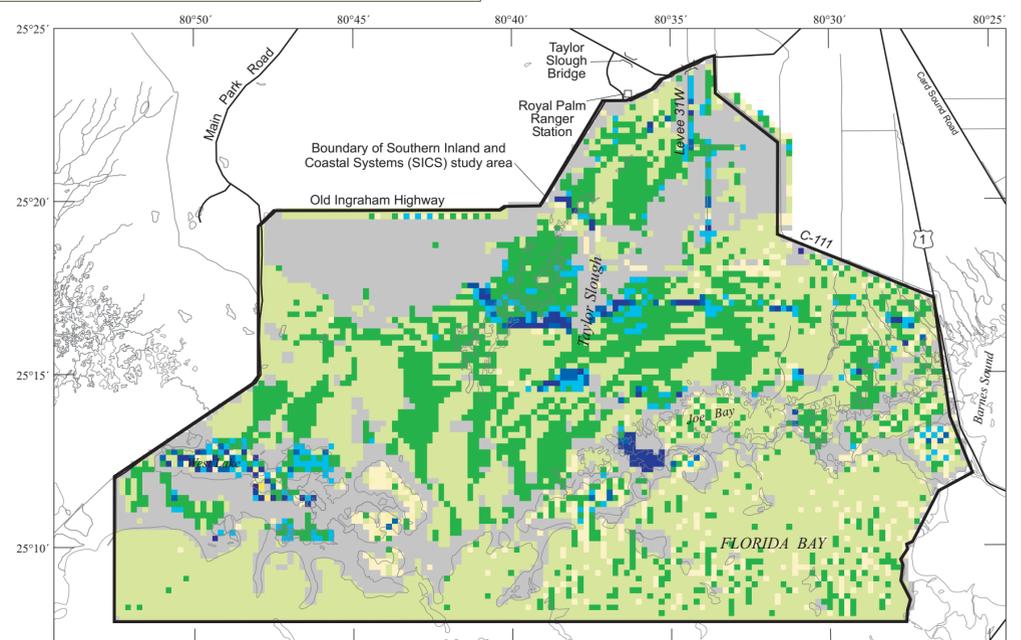
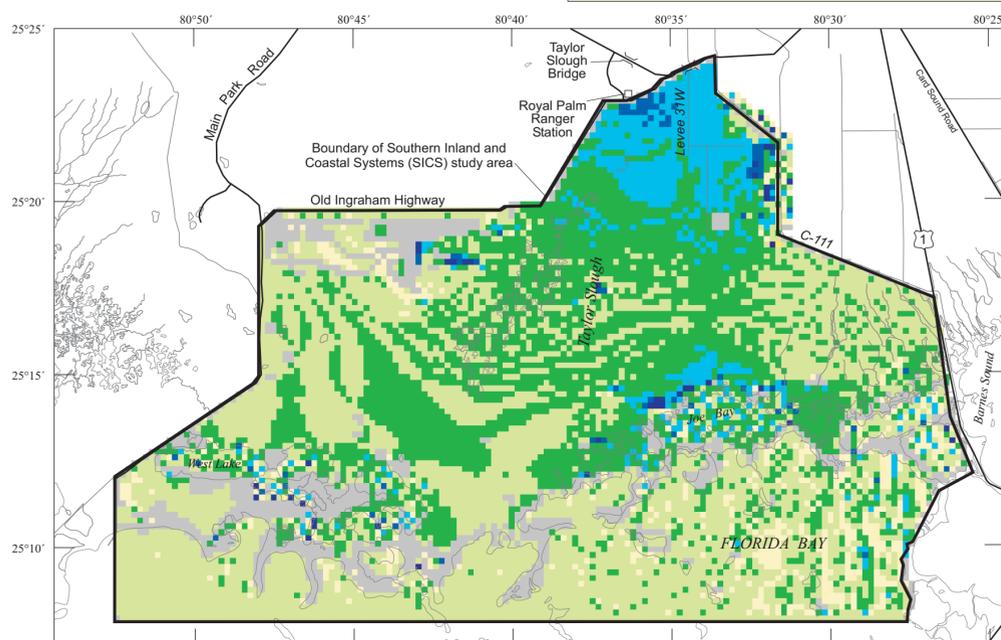
**ORIGINAL SIMULATED WATER LEVELS**



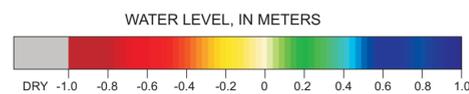
**WATER-LEVEL DIFFERENCES WITH NO WIND**



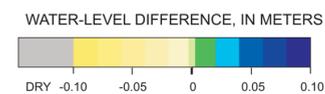
**WATER-LEVEL DIFFERENCES WITH TAYLOR SLOUGH FLOWS PLUS 50 PERCENT**



Base from U.S. Geological Survey digital data, 1972  
Universal Transverse Mercator projection, Zone 17, Datum NAD 27



**EXPLANATION**



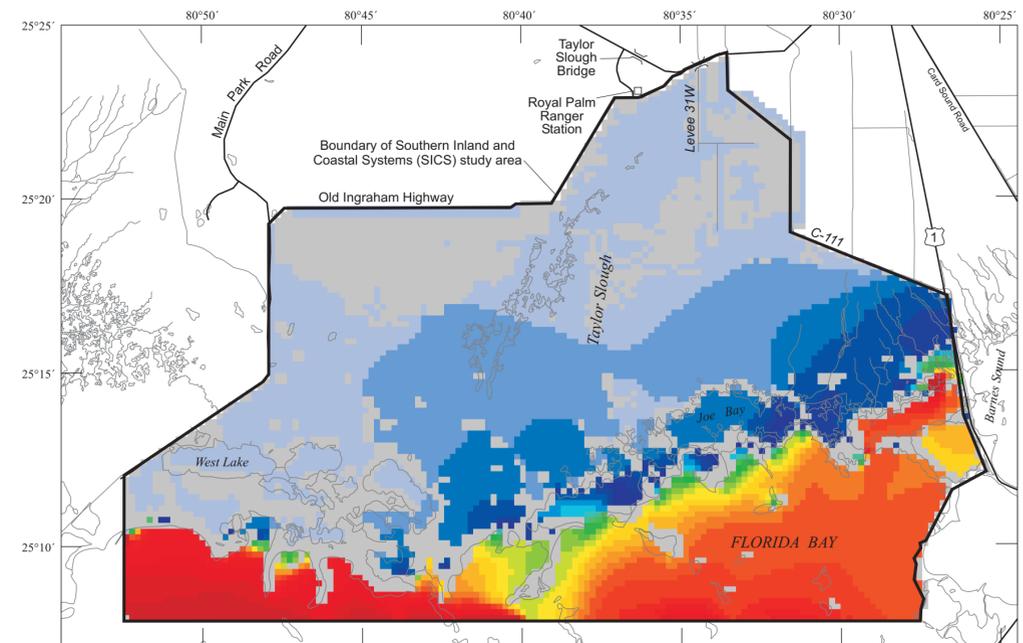
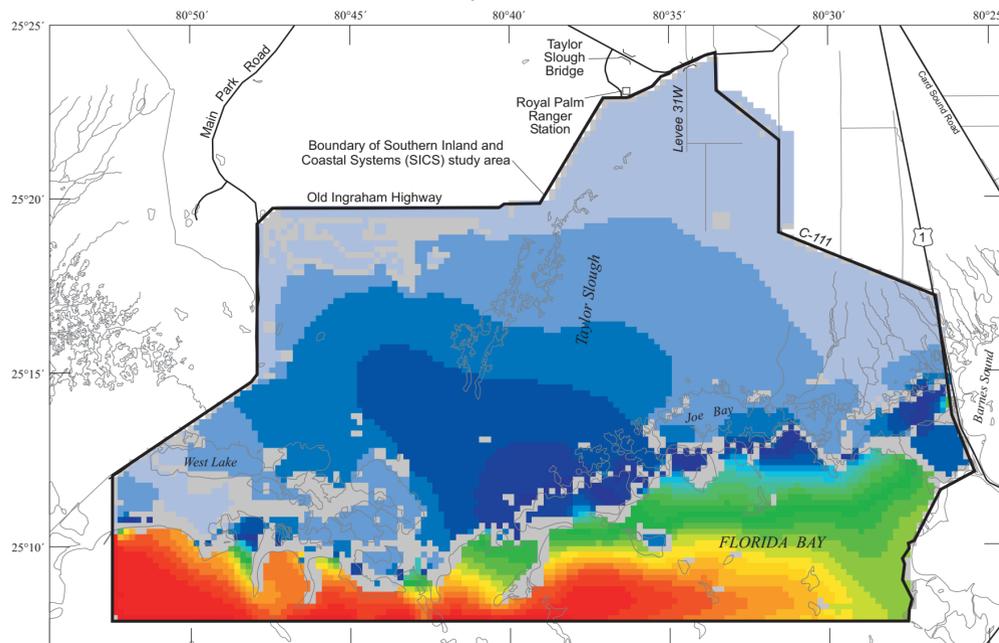
**PLATE 5. Effects of wind and Taylor Slough bridge flows on water levels**

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2003

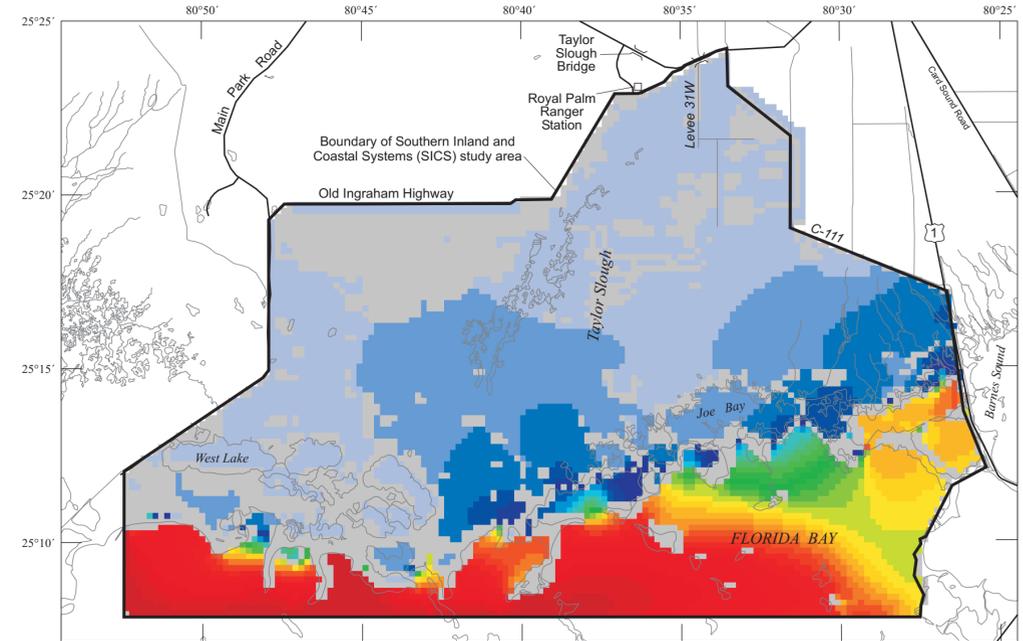
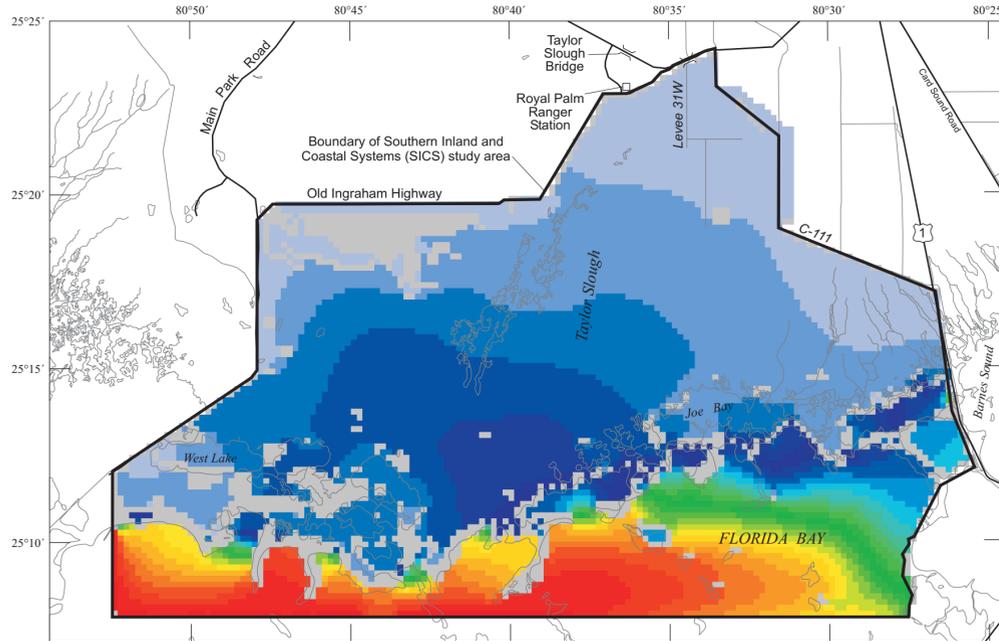
September 1, 1996

Original simulated salinity distribution

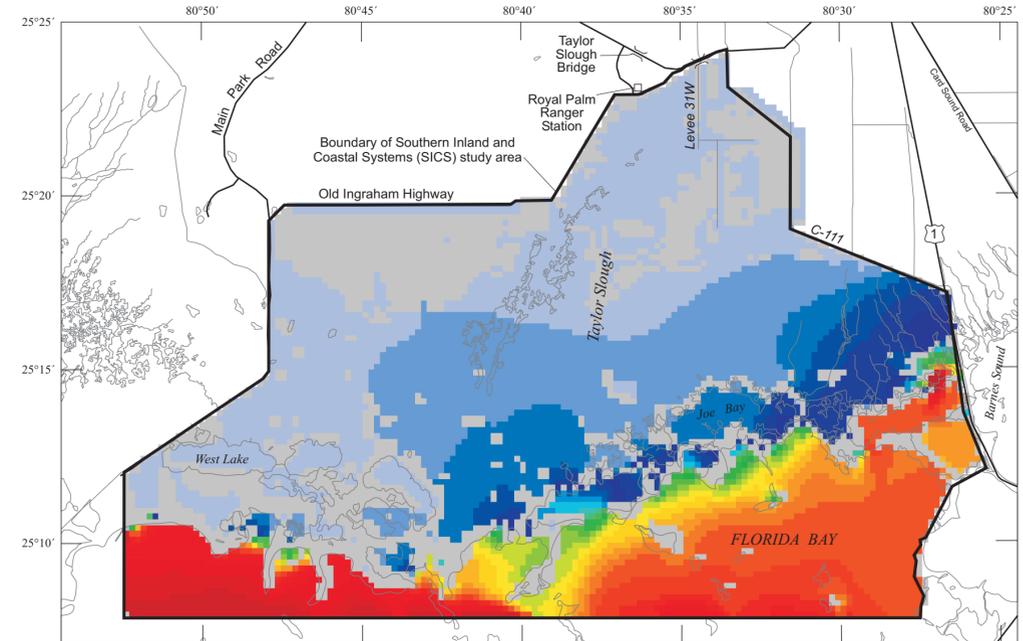
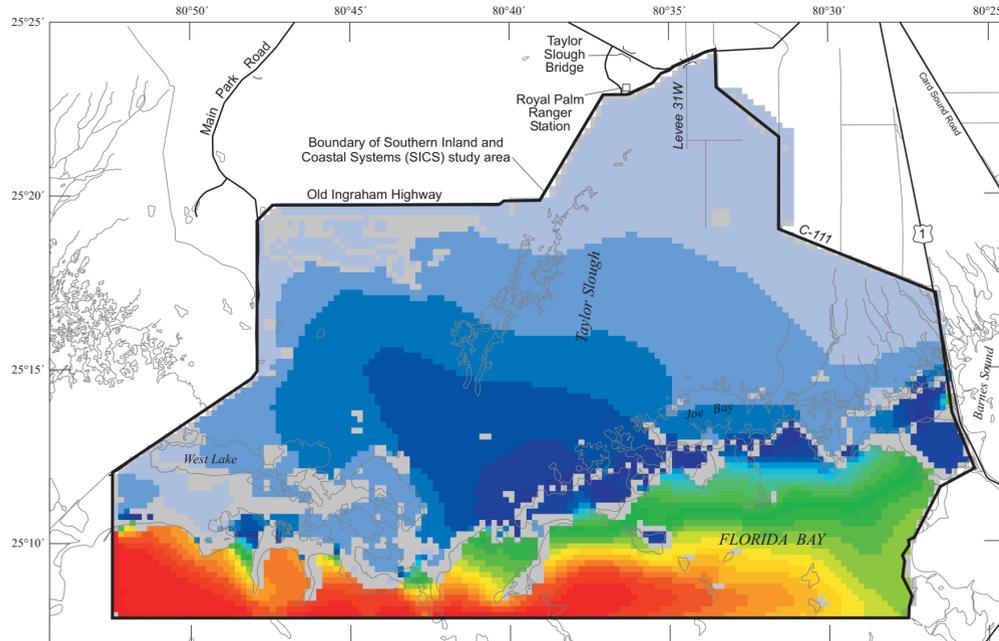
December 1, 1996



Salinity with no wind

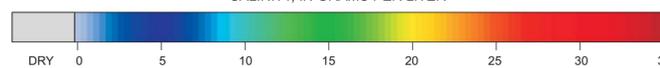


Salinity with Taylor Slough flows plus 50 percent



**EXPLANATION**

SALINITY, IN GRAMS PER LITER



**PLATE 6. Effects of wind and Taylor Slough bridge flows on salinity**

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Eric D. Swain, Melinda A. Wolfert, Jerad D. Bales, and Carl R. Goodwin  
2003