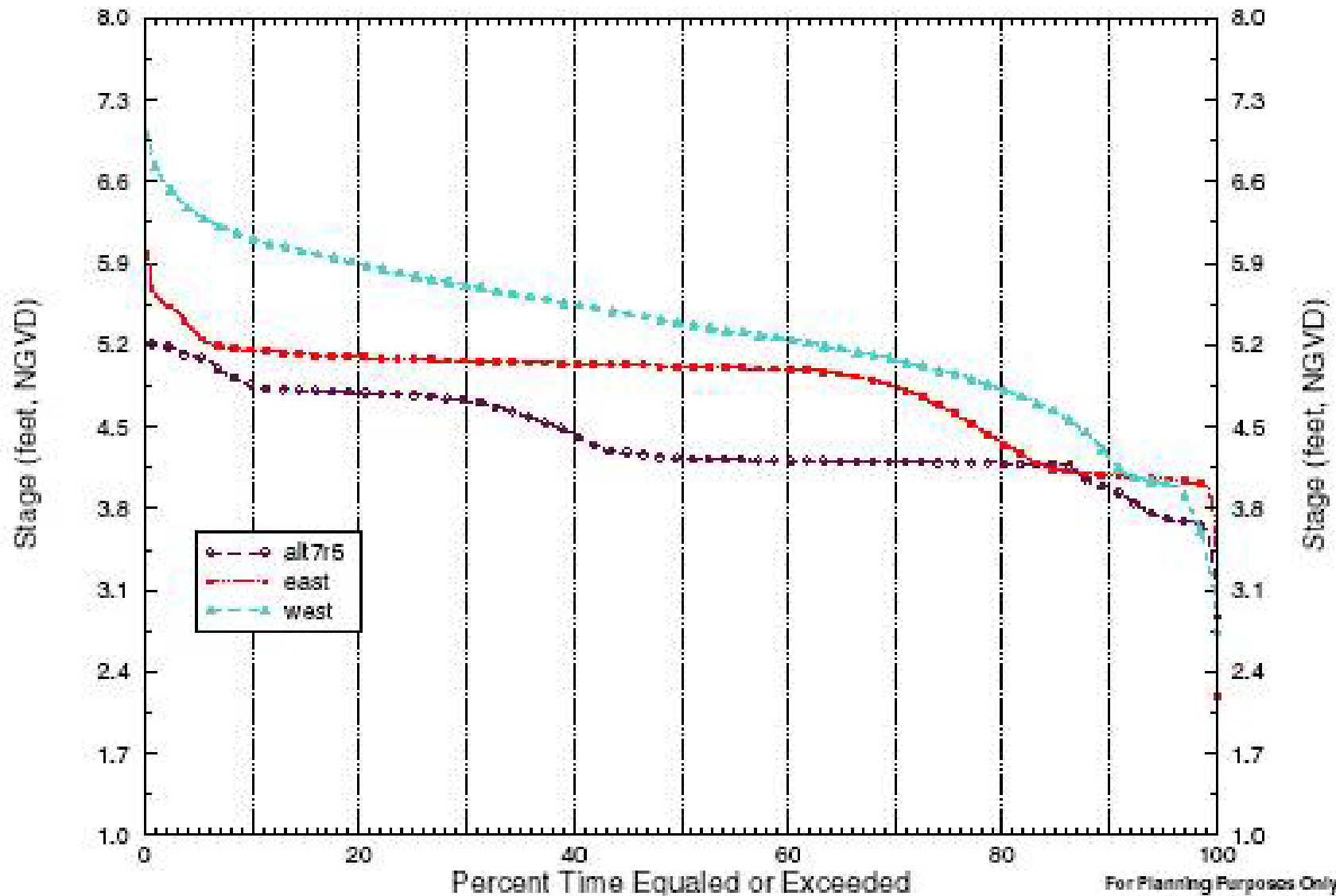


## Mean Annual Flows critical to Florida Bay

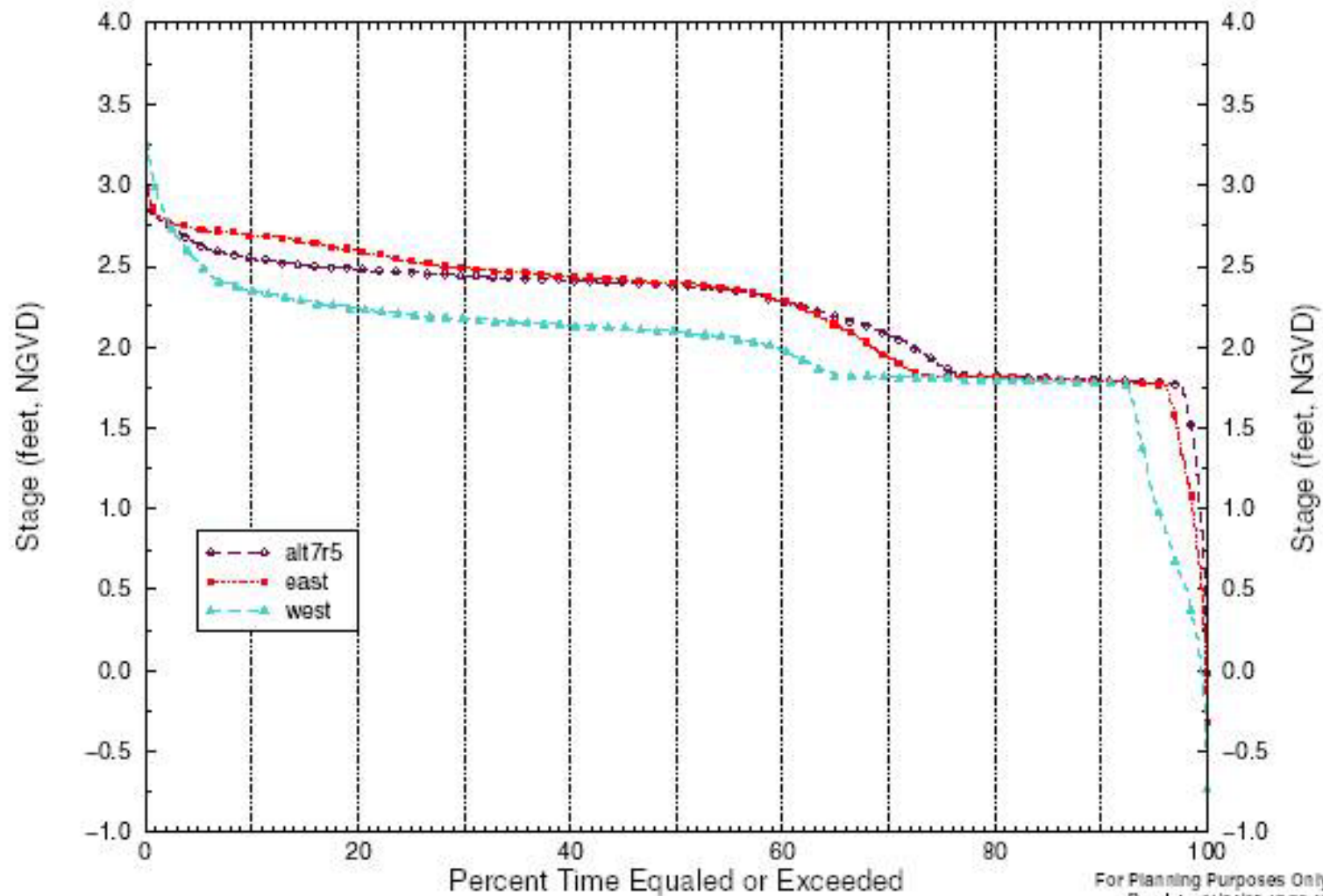
<b>Structure</b>	<b>East</b>	<b>West</b>	<b>Estimated desired</b>
G-211	107.23	41.39	0 (East)
S-331 (FC)	124.94	0	0 (West)
S-18C	111.48	118.37	30 (55 max)
S-197	4.98	0	0
C-111 Discharge	106.5	118.37	30 (55 max)

# Stage Duration Curves for L-31N Canal at S-331



For Planning Purposes Only  
 Run date: 01/04/05 17:25:22  
 SFWMW V5.4.1.1  
 Script used: hyd\_dur.scr, V1.1.0  
 Filename: L-31N\_S-331\_dsl\_stage.dwg

# Stage Duration Curves for C-111E Canal at S-18C

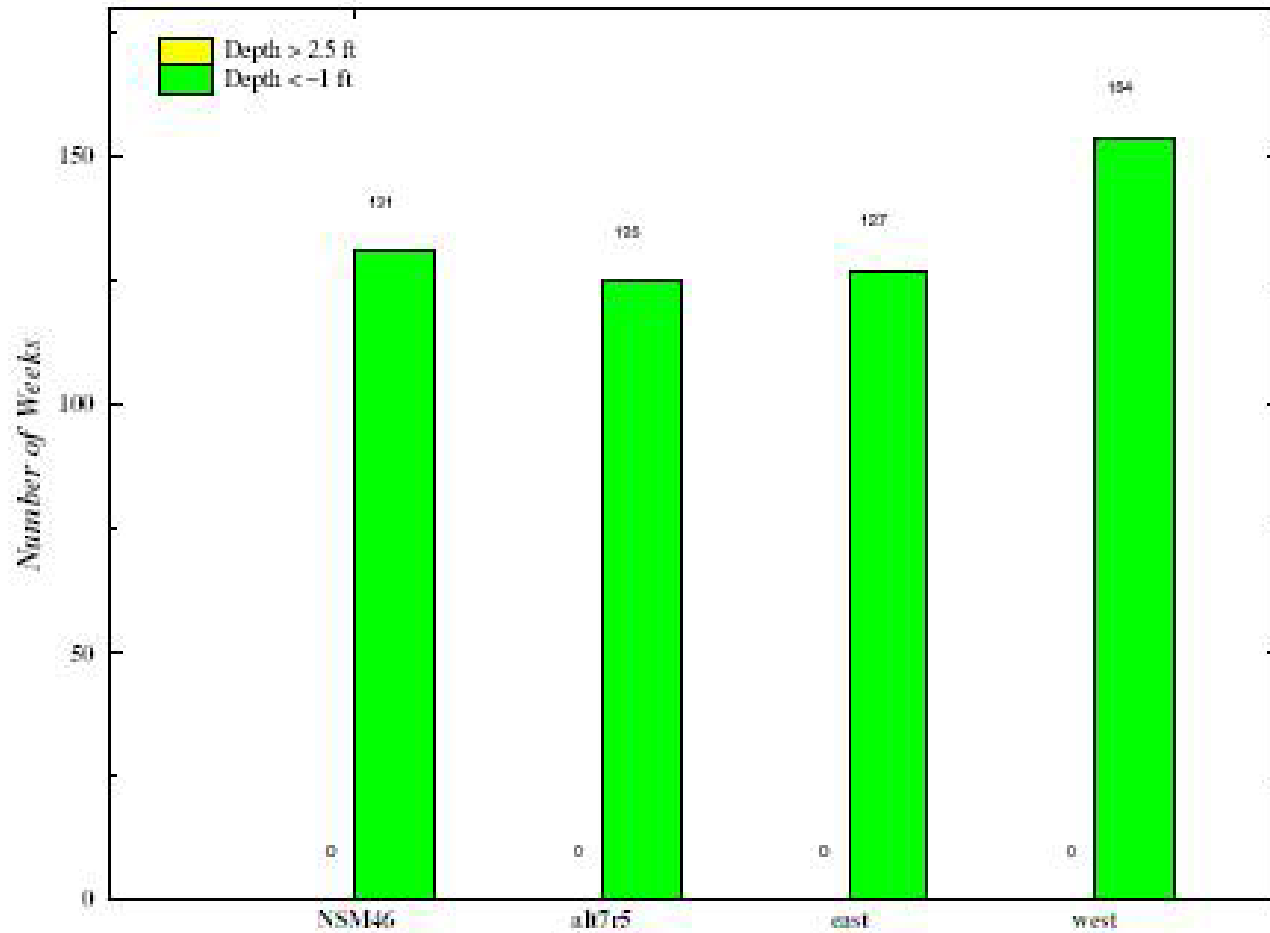


For Planning Purposes Only  
Run date: 01/04/05 17:26:46  
SFWMM V5.4.1.1  
Script used: hyd\_durscr, V1.10  
Filename: C-111E\_S-18C\_dai\_stgdur.tg

# Taylor Slough

## Number of Weeks High/Low Water Depth Criteria Exceeded

Indicator Region 133 (R5C21-21 R6C21-22 R7C22-22 R8C23-23)



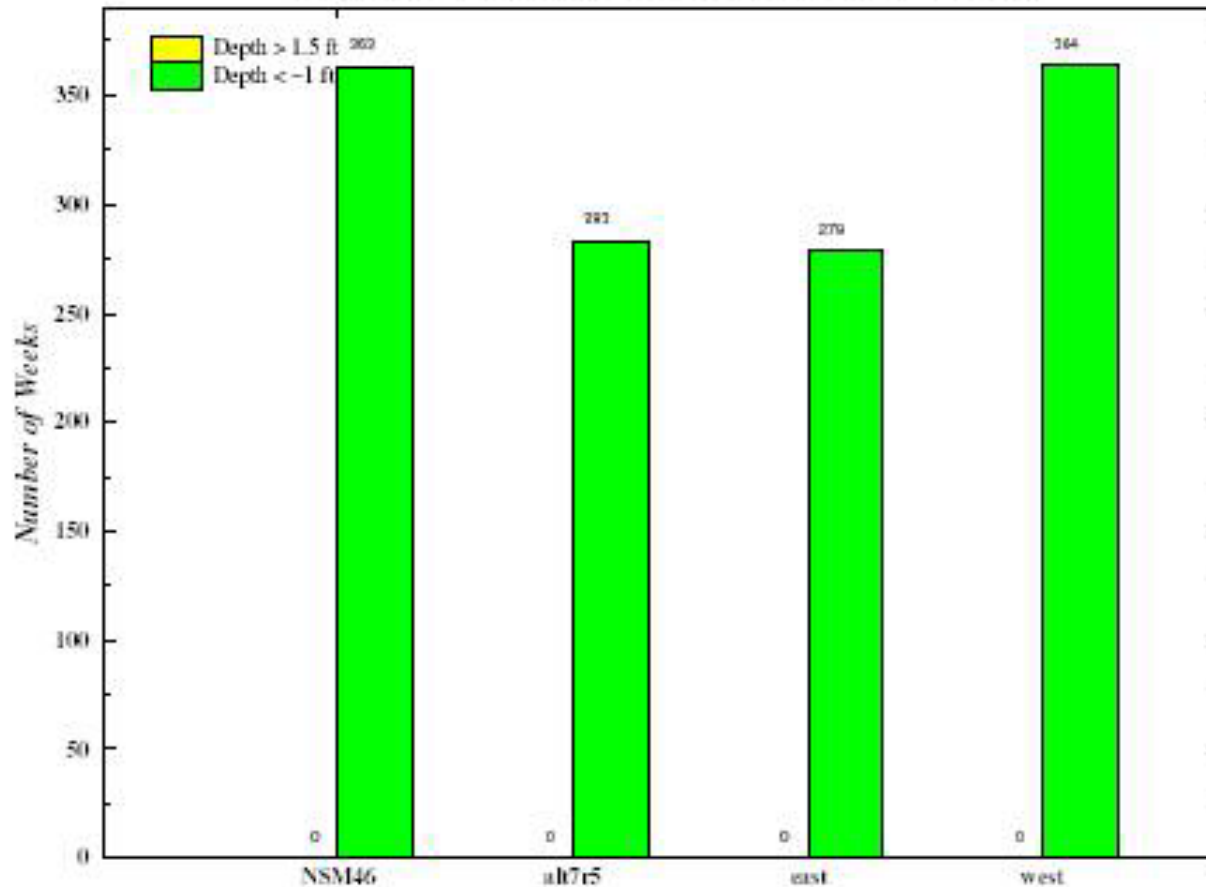
*Note: The desired condition is to exceed the high water depth as few times as possible and go below the low water depth as few times as possible.*

Run date: Tue Jan 4 10:40:59 EST 2005  
For Plotting Purposes Only  
SPWBM V5.4.1.1

# West of C-111

## Number of Weeks High/Low Water Depth Criteria Exceeded

Indicator Region 145 (R6C24-25 R7C24-25 R8C25-25)



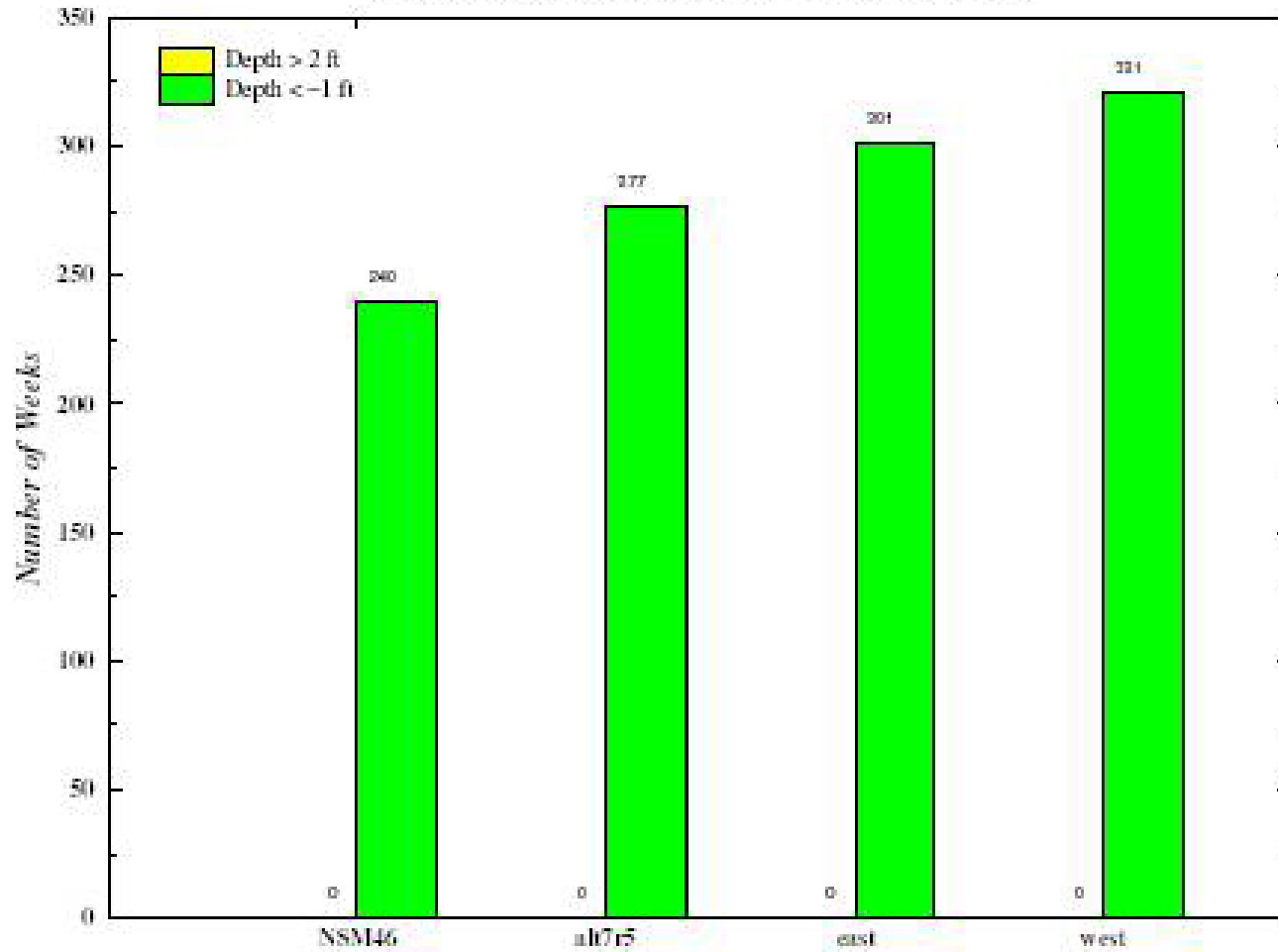
*Note: The desired condition is to exceed the high water depth as few times as possible and go below the low water depth as few times as possible.*

Run date: Tue Jan 4 10:46:05 EST 2005  
For Planning Purposes Only  
SPWMI V5.4.1.1

# East of C-111

## Number of Weeks High/Low Water Depth Criteria Exceeded

Indicator Region 146 (R9C27-28 R10C28-29)



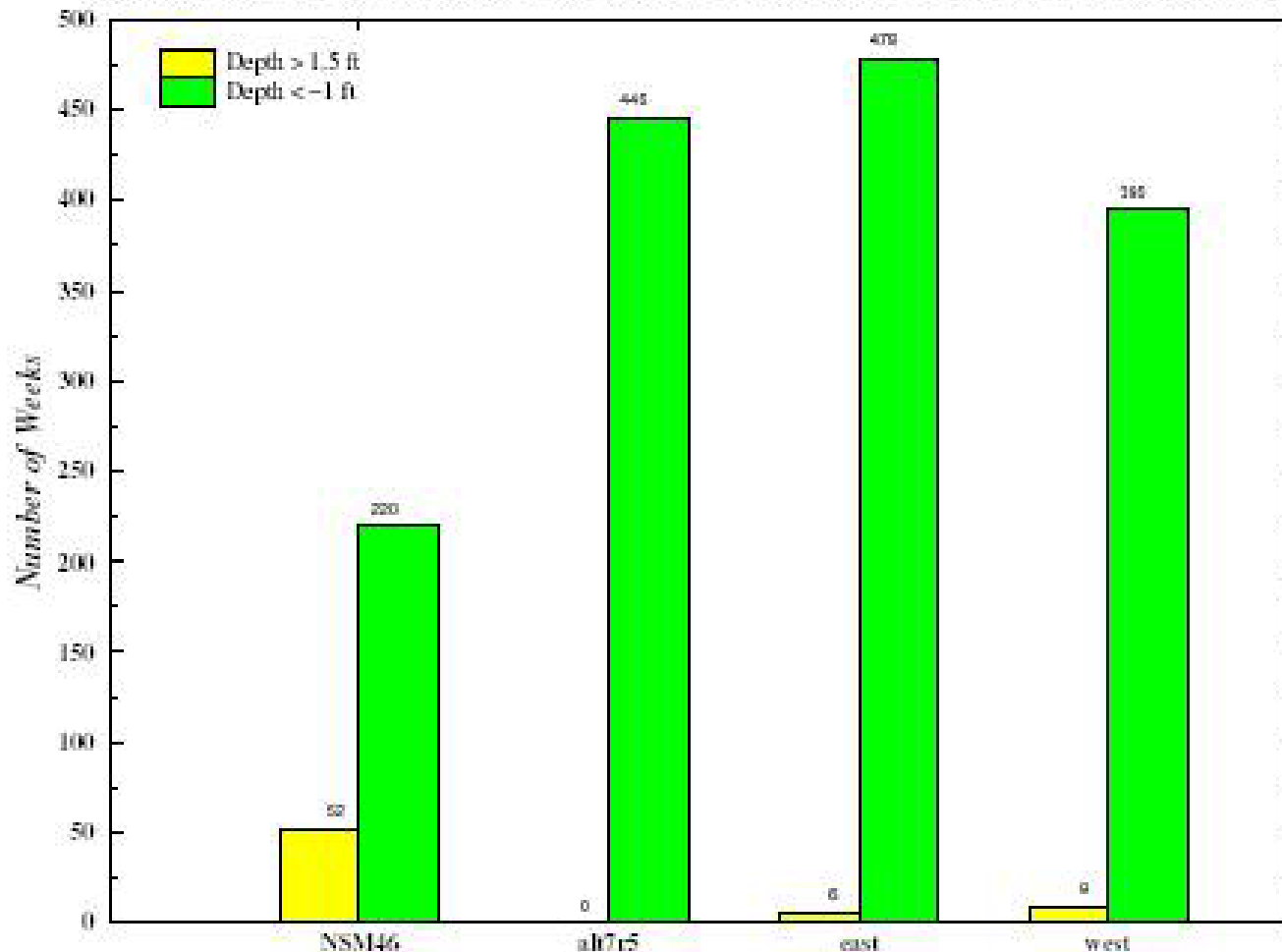
*Note: The desired condition is to exceed the high water depth as few times as possible and go below the low water depth as few times as possible.*

Run date: Tue Jan 4 10:45:07 EST 2005  
For Planning Purposes Only  
SPW04 v5.4-1.1

# Rocky Glades

## Number of Weeks High/Low Water Depth Criteria Exceeded

Indicator Region 147 (R14C22-23 R15C22-23 R16C23-23 R17C24-24 R18C25-25)

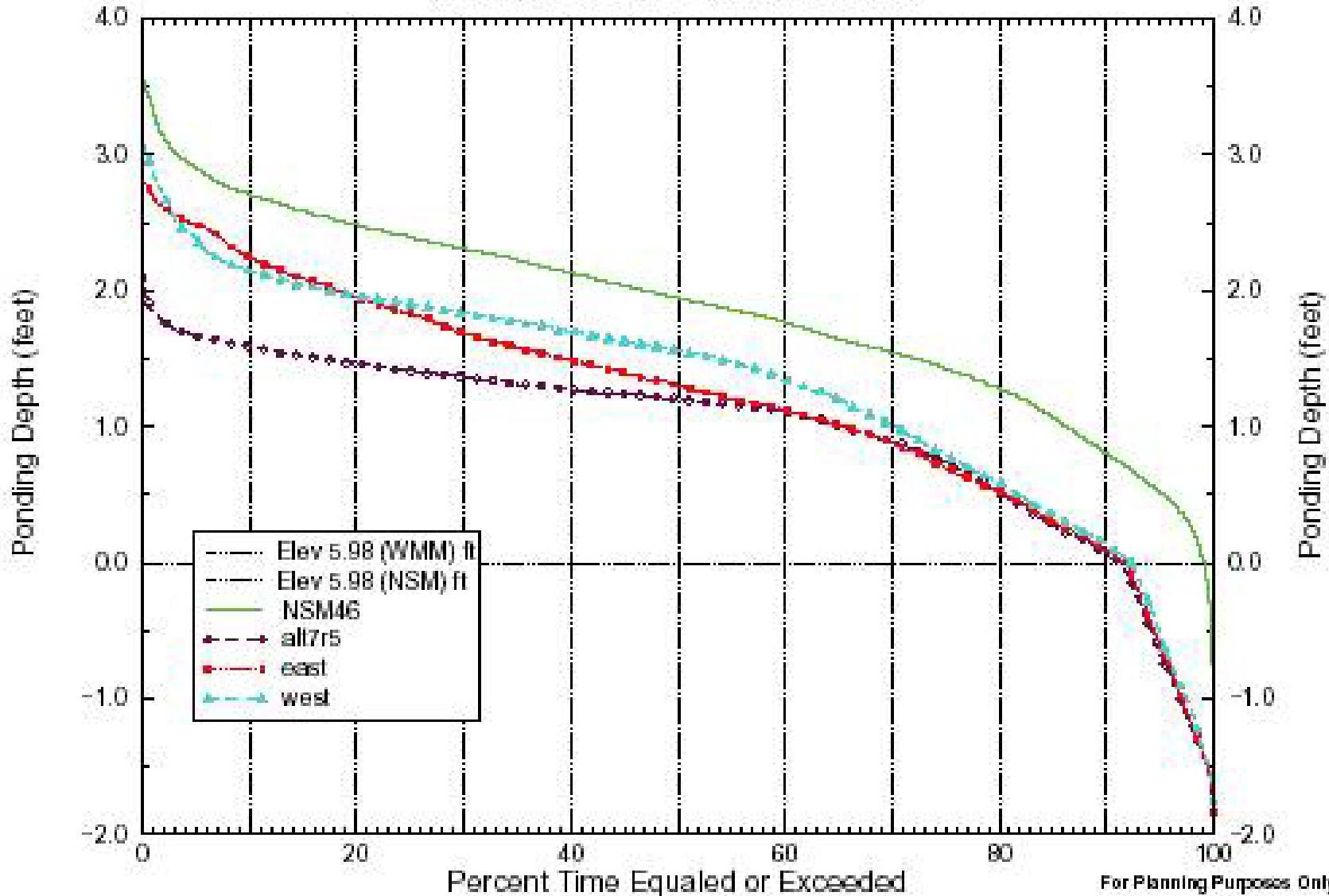


*Note: The desired condition is to exceed the high water depth as few times as possible and go below the low water depth as few times as possible.*

Run date: Tue Jan 4 10:40:09 EST 2005  
For Planning Purposes Only  
SPWMB V5.4.1.1

# Normalized Duration Curves for N.E. Shark River Slough

(Gage NESRS-2, Cell Row 21 Col 24)



For Planning Purposes Only

Run date: 01/04/05 18:00:52

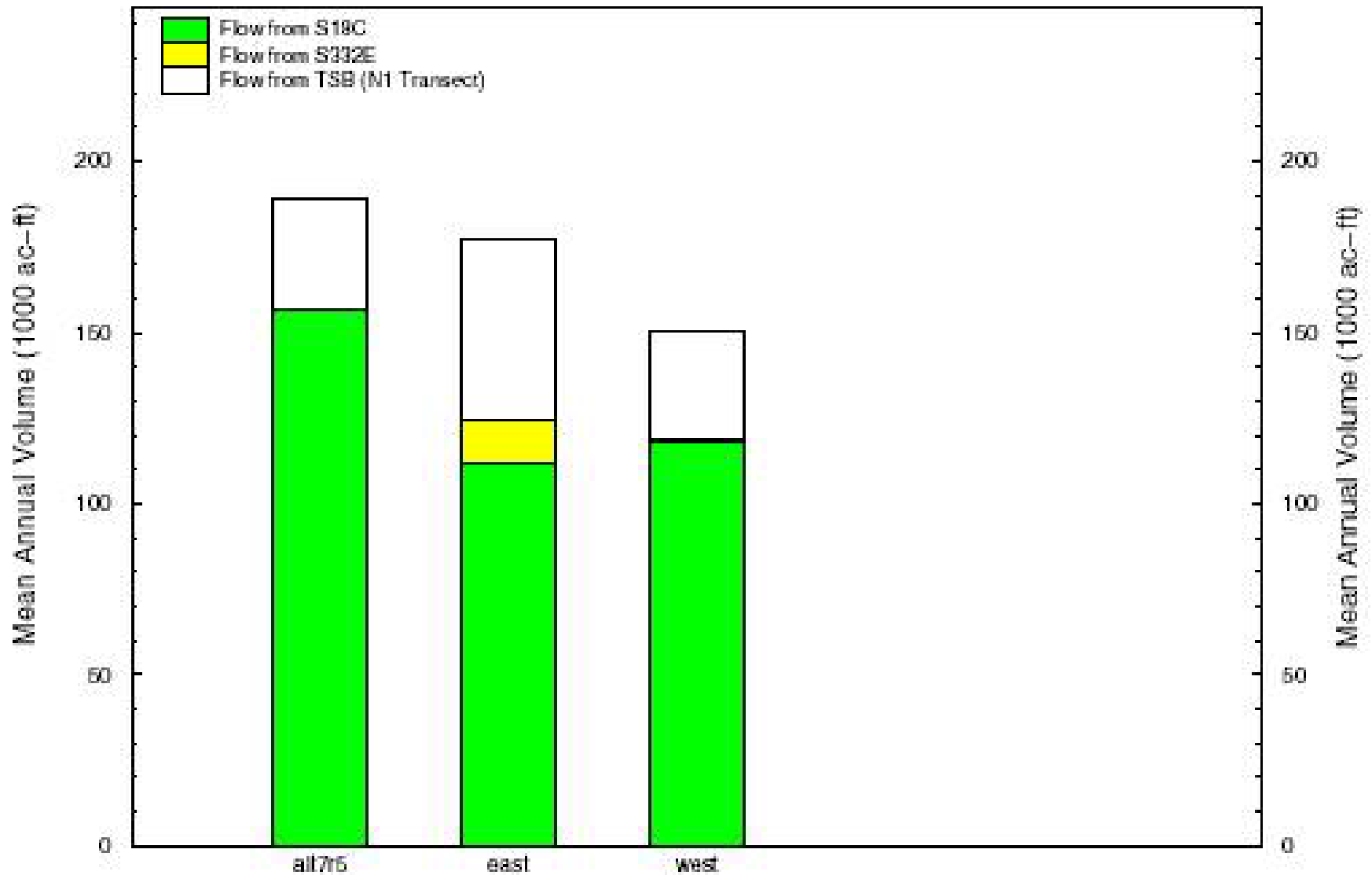
SPWMMV5.4.1.1

Script used: hyd\_dur sor V1.10

Filename: NESRS-2\_2124\_dal\_stdur.ng

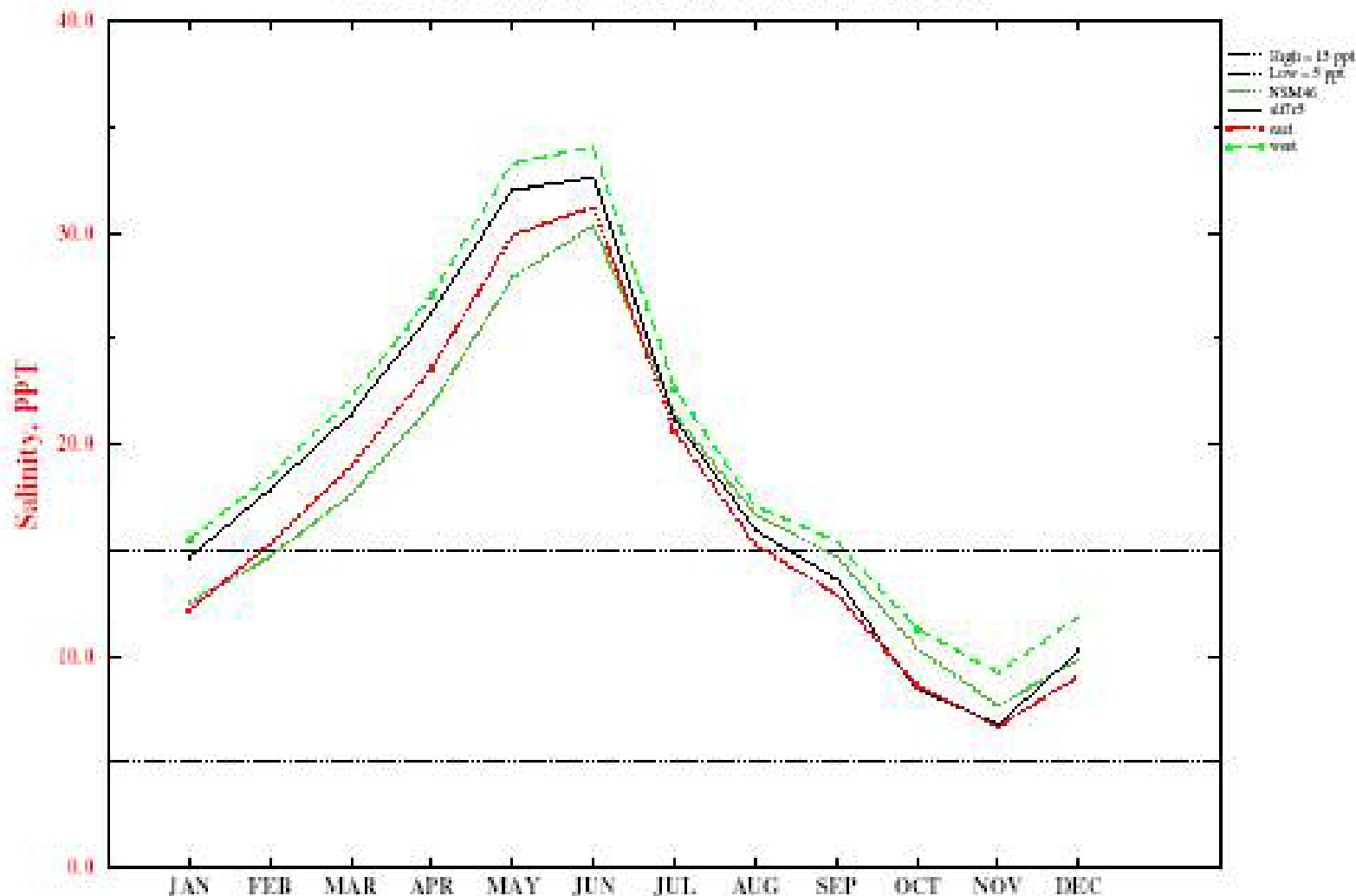
# Canal Flow Towards Florida Bay and Barnes Sound

Period of Simulation: 1965 to 2000



# Mean Monthly Salinity for Joe Bay

Based on Stage at Gage NP 67 NGVD'29(7 22)

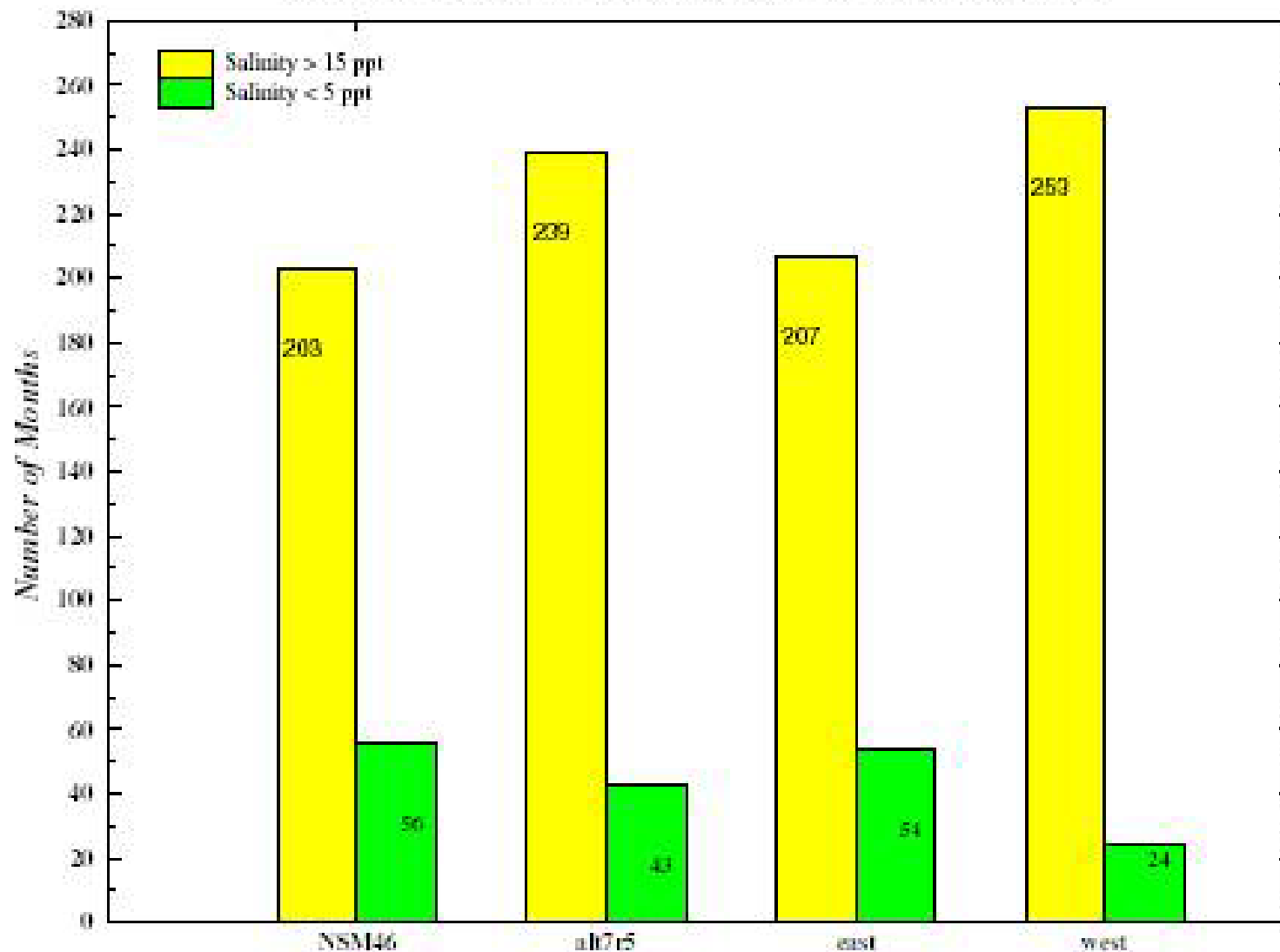


Reference Regression Coefficients from AGT Salinity Subseries(1997)

RECOVER Performance Measure  
Run date: Tue Jan 4 02:02:42 GST 2005  
For Planning Purposes Only  
SPWBI V5.4.1.1

# Number of Months High/Low Salinity Criteria Exceeded

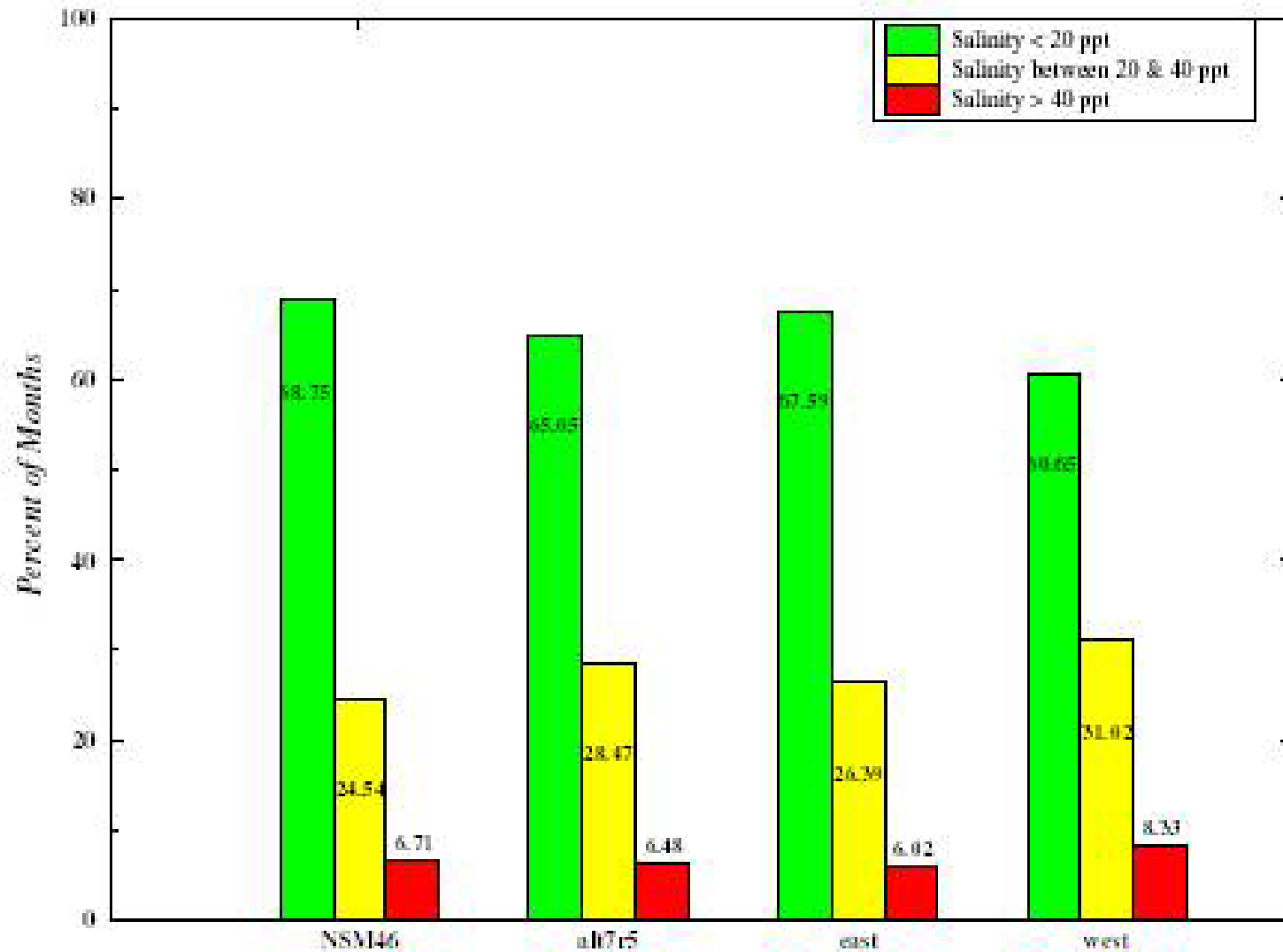
for Joe Bay Based on Stage at Gage NP 67 (row 7,col 22)



*Note: The desired condition is to exceed the high salinity criteria as few times as possible and have salinity levels below the low level as often as possible.*

# Crocodile Habitat Suitability

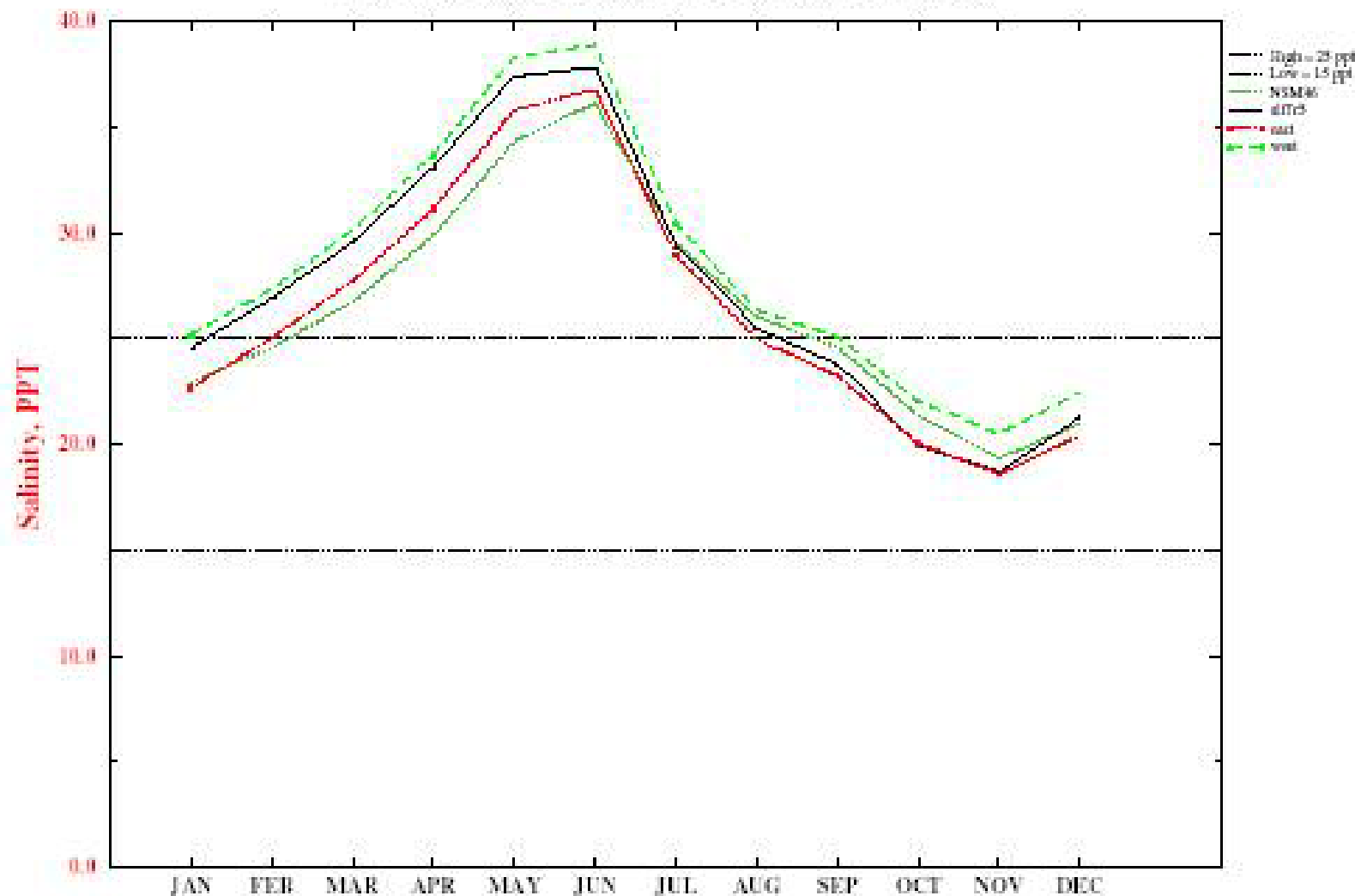
for Joe Bay



*Note: The desired condition is to reduce the % of months in the high salinity category and increase the % of months in the low salinity category.*

# Mean Monthly Salinity for Little Madeira Bay

Based on Stage at Gage NP 67 NGVD'29(7 22)

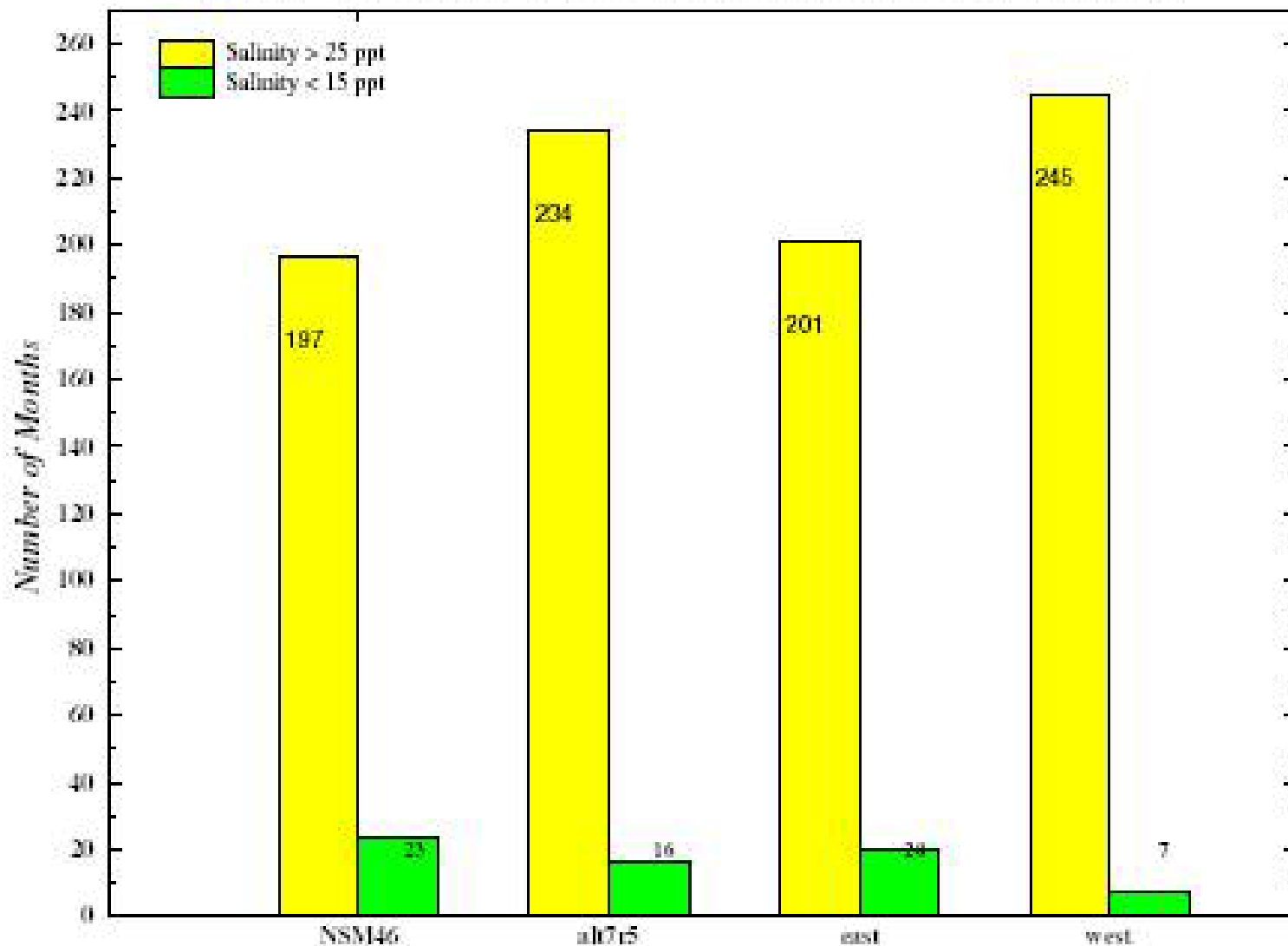


Reference Regression Coefficients from ACT Estuary Substudy(1997)

RECOVER Performance Measure  
Run date: Tue Jan 4 22:02:41 EST 2005  
For Planning Purpose Only  
SPWBM V5.4-1.1

# Number of Months High/Low Salinity Criteria Exceeded

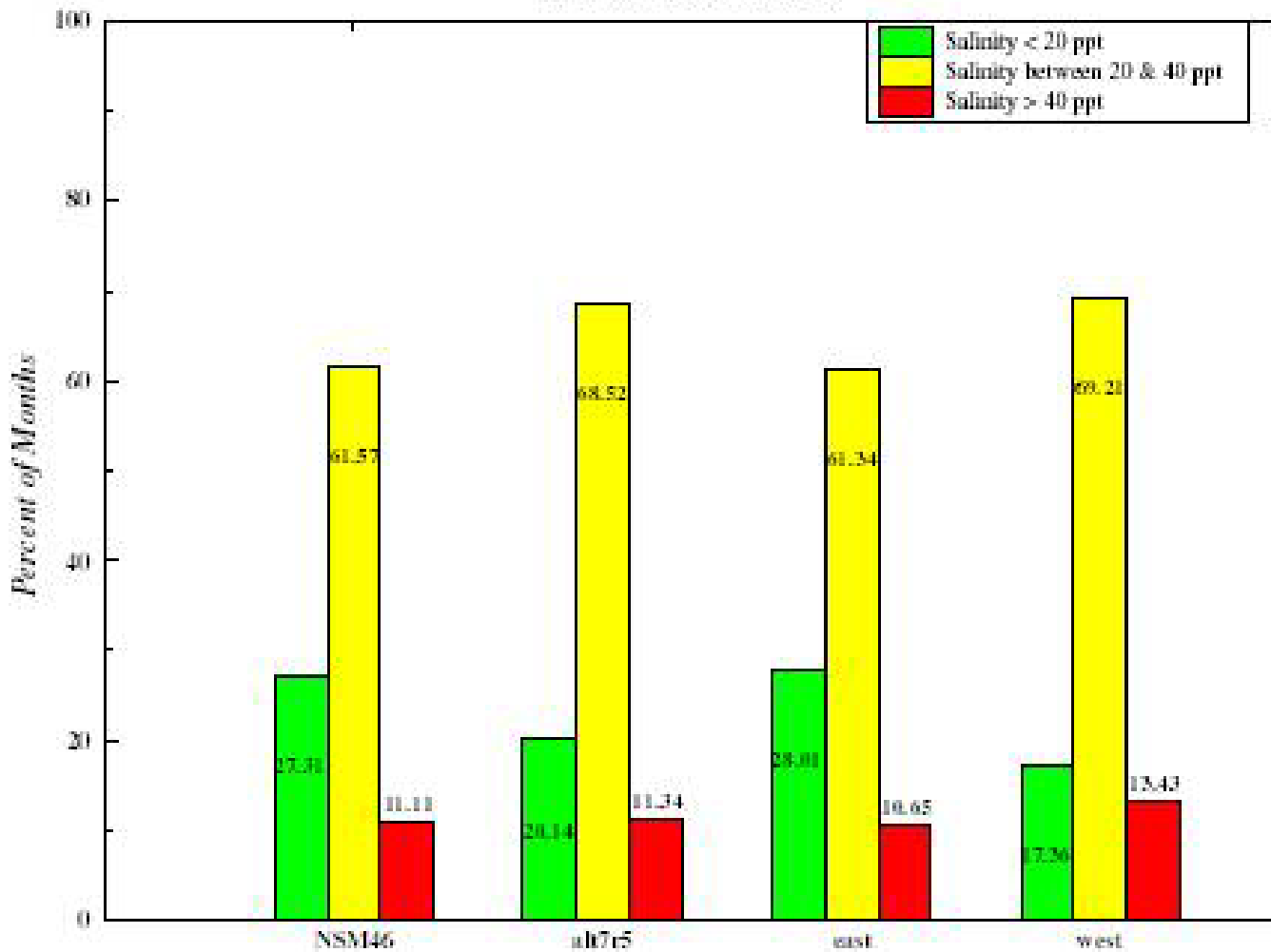
for Little Madeira Bay Based on Stage at Gage NP 67 (row 7,col 22)



*Note: The desired condition is to exceed the high salinity criteria as few times as possible and have salinity levels below the low level as often as possible.*

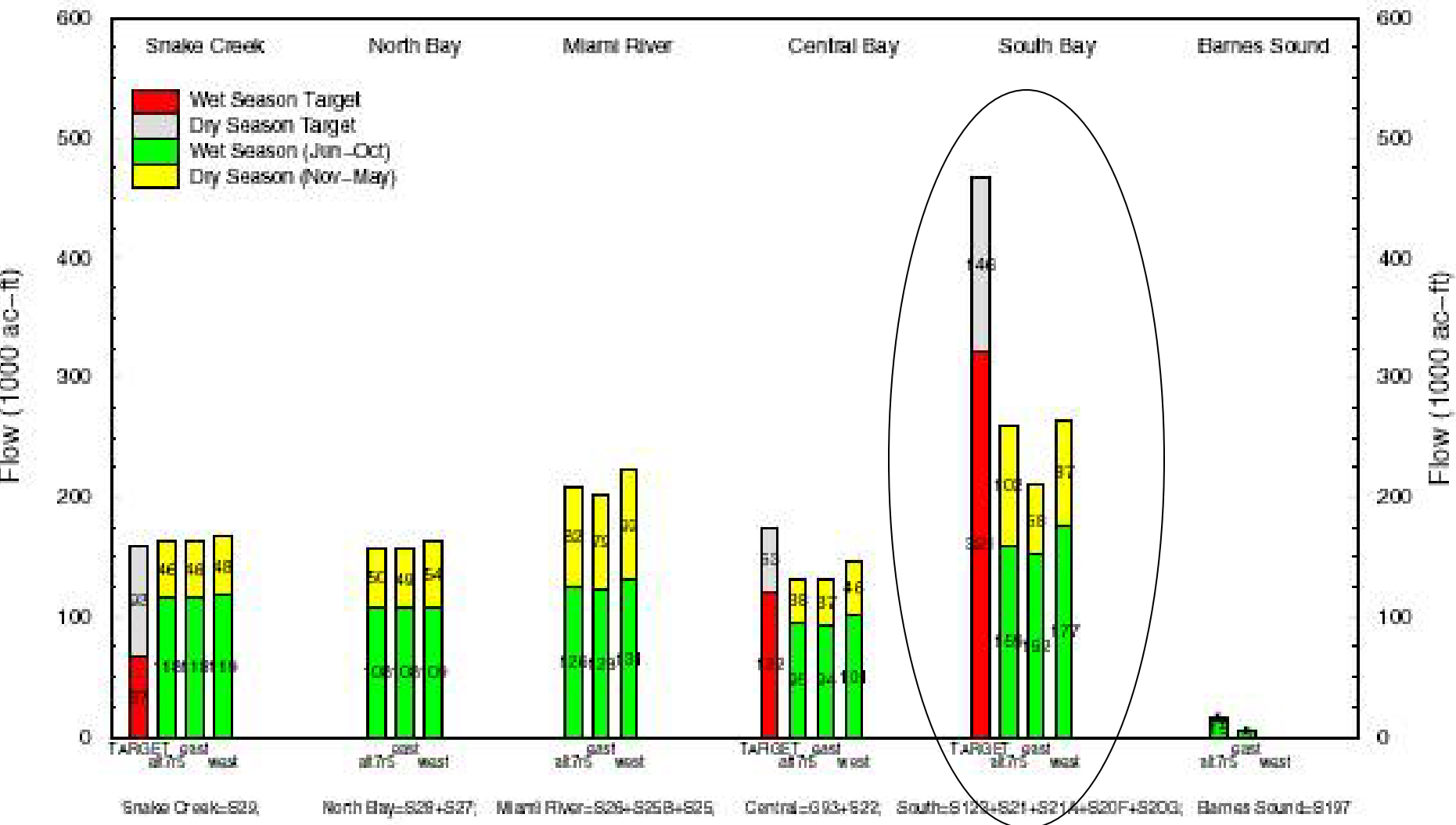
# Crocodile Habitat Suitability

for Little Madeira Bay



*Note: The desired condition is to reduce the % of months in the high salinity category and increase the % of months in the low salinity category.*

# Simulated Mean Seasonal Structure Flows Discharged into Biscayne Bay for 1965 – 2000



Targets for Central & South Bay reflect a 30% increase in mean annual dry season flows over the 2000-Base  
 Targets for Snake Creek reflect a minimum monthly flow volume of 13,300 ac-ft multiplied  
 (by 5 months for wet season and by 7 months for dry seasons) to maintain salinity levels below 20 ppt

RECOVER Performance Measure

For Planning Purposes Only  
 Run date: 01/04/05 20:13:40  
 SPWMM V5.4.1.1  
 Script used: biscayne\_flow\_bar.tlg  
 File name: biscayne\_flow\_bar.tlg

## Mean Annual Flows critical to Florida Bay

<b>Structure</b>	<b>East</b>	<b>West</b>	<b>Estimated desired</b>
G-211	107.23	41.39	0 (East)
S-331 (FC)	124.94	0	0 (West)
S-18C	111.48	118.37	30 (55 max)
S-197	4.98	0	0
C-111 Discharge	106.5	118.37	30 (55 max)