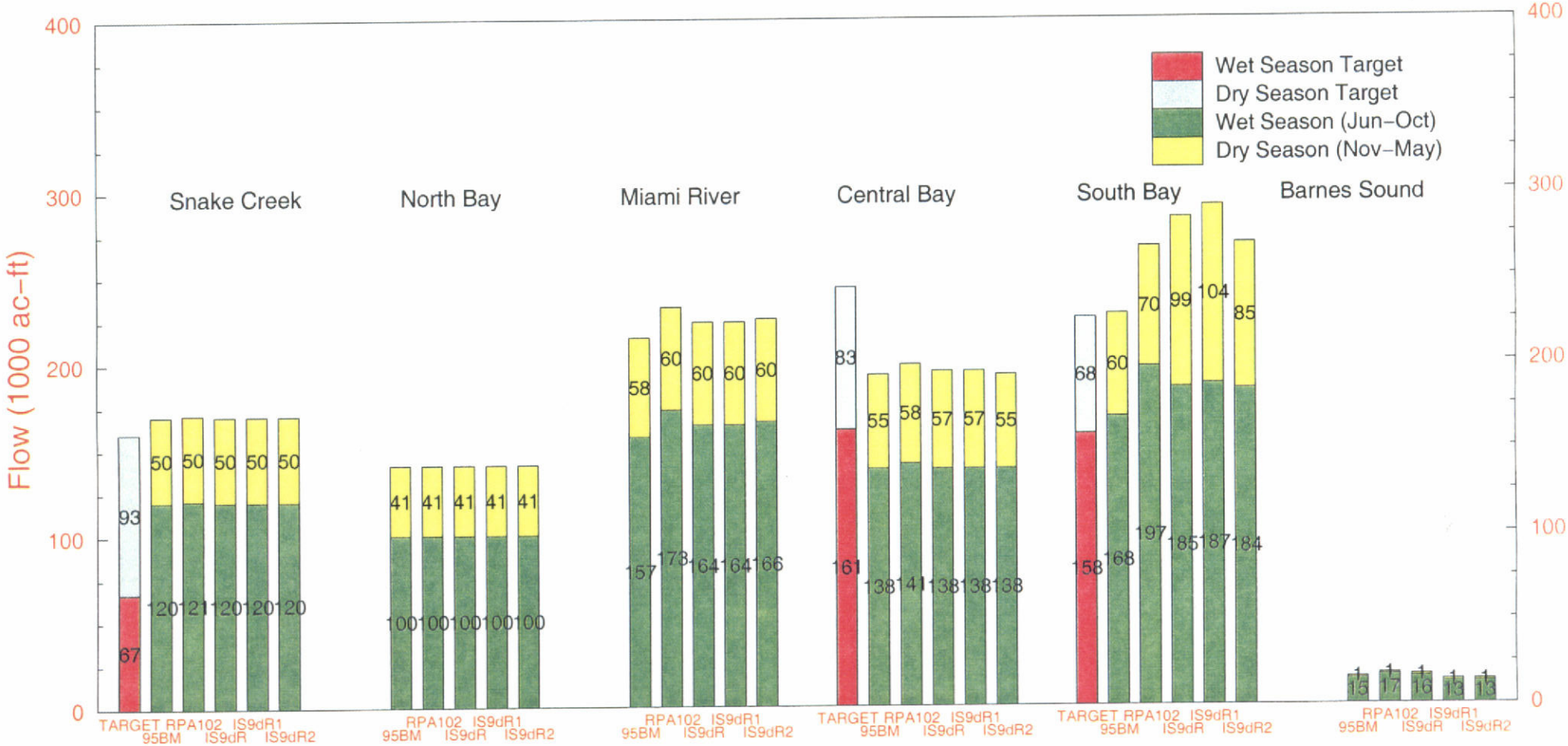
Simulated Mean Annual Surface Flows Discharged into Biscayne Bay for the 1965 – 1995 simulation period



Note: Snake Creek=S29; North Bay=G58+S28+S27; Miami River=S26+S25B+S25; Central=G97+S22+S123; South=S21+S21A+S20F+S20G; Barnes Sound=S197

Targets for Central and South Bay reflect a 30% increase in mean annual dry season flows over the 95 Base

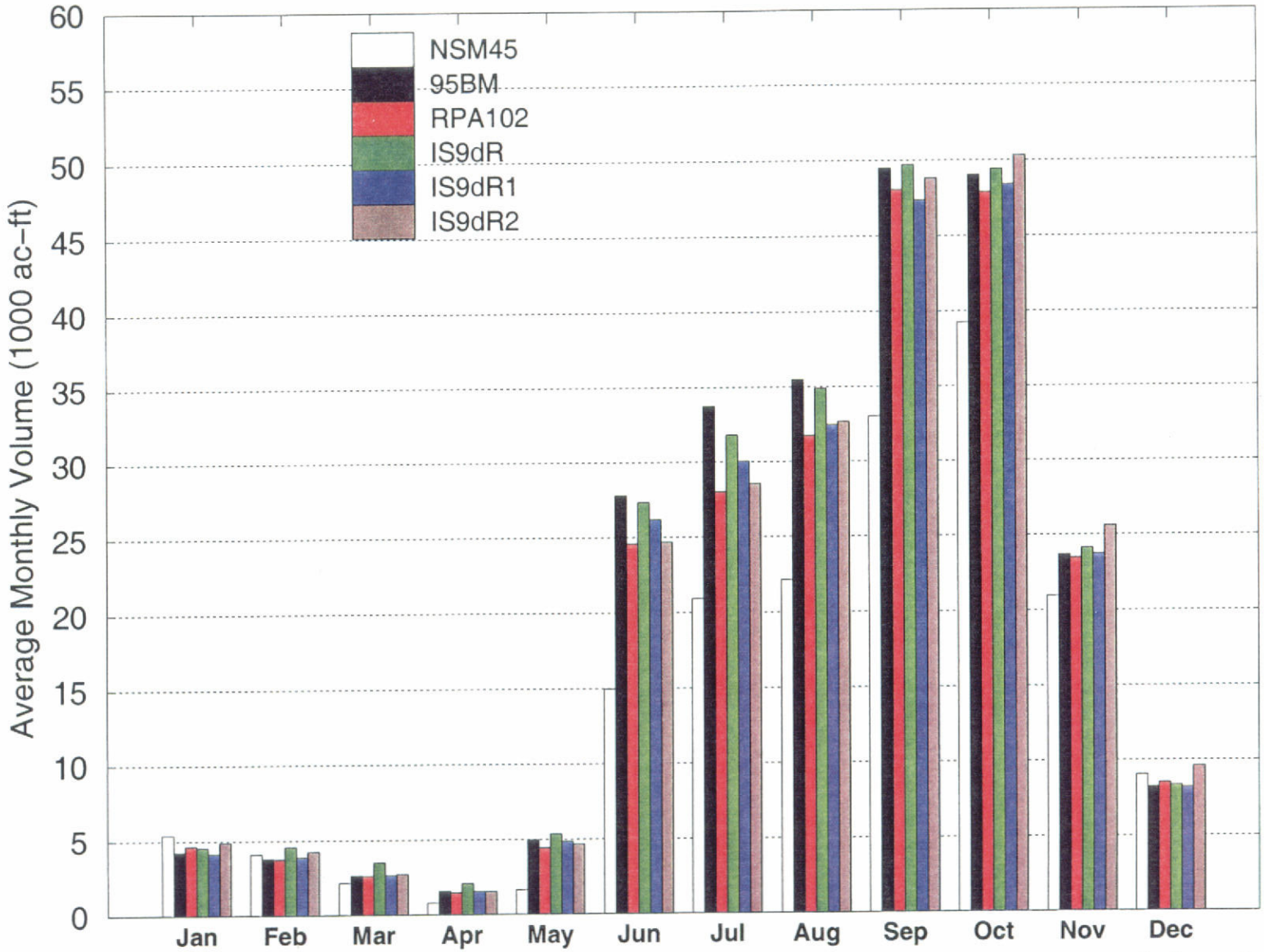
Targets for Snake Creek reflect a minimum monthly flow volume of 13,300 ac-ft (x 5 months for wet season and x 7 months for dry season) to maintain salinity levels below 20 ppt.

Run date: 02/05/01 16:56:05
Continuous Analysis
SFWMM V3.8

H150

Average monthly flow volumes towards Florida Bay

T23 (R6 C17–28), Period 1965 to 1995



Continuous Analysis
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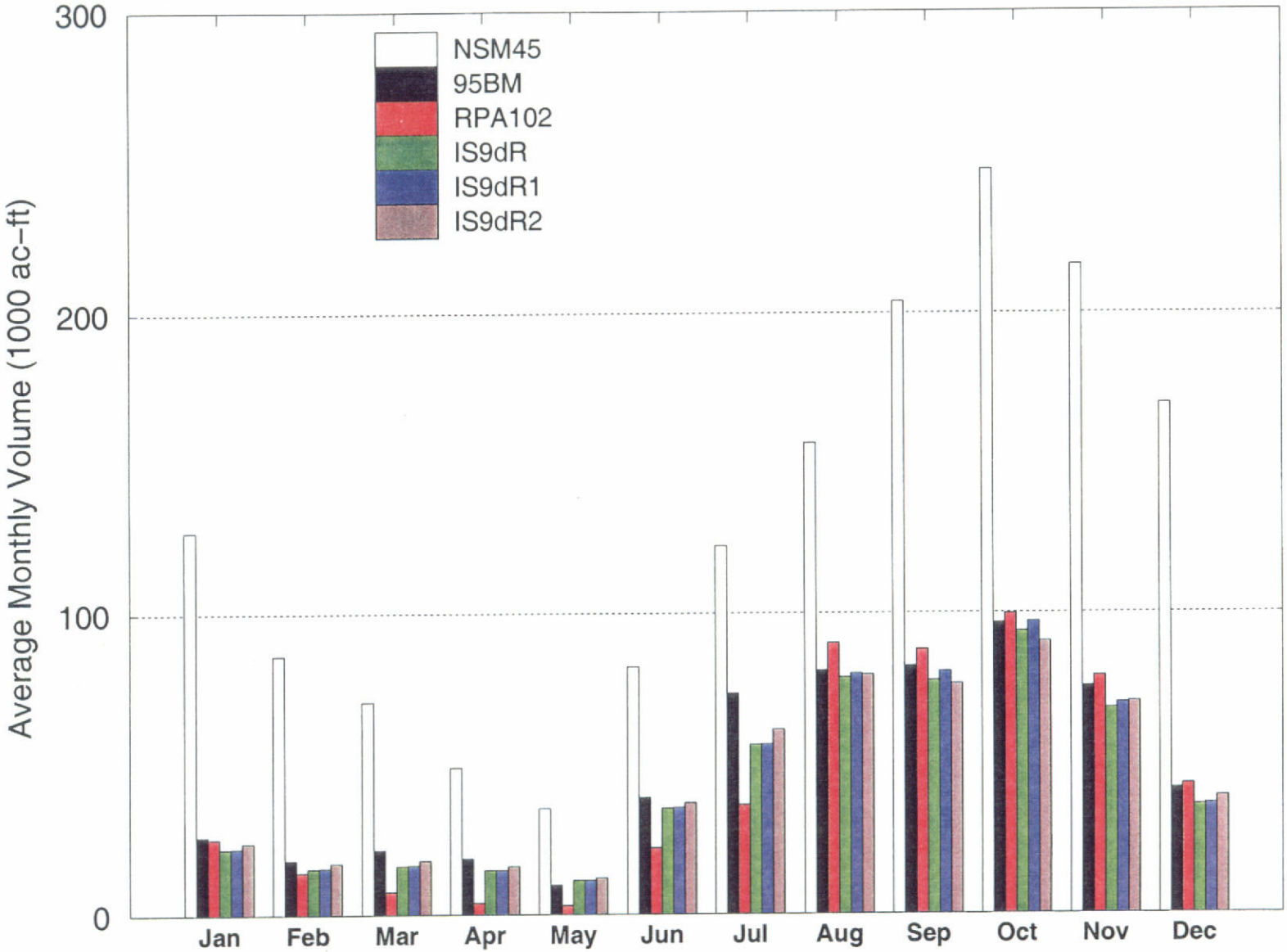
SFWMM V3.8
Script used: mwd_pm_CII4.6.scr, V1.3
Filename: mwd_pm_CII4.6.flbay.fig

H151

Average monthly flow volumes into Shark Slough

T27 (R19 C16, R18 C17, R17 C18, R16 C19, R15 C20, R14 C21), Period 1965 to 1995



Continuous Analysis
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SFWMM V3.8
Script used: mwd_pm_CII4.6.scr, V1.3
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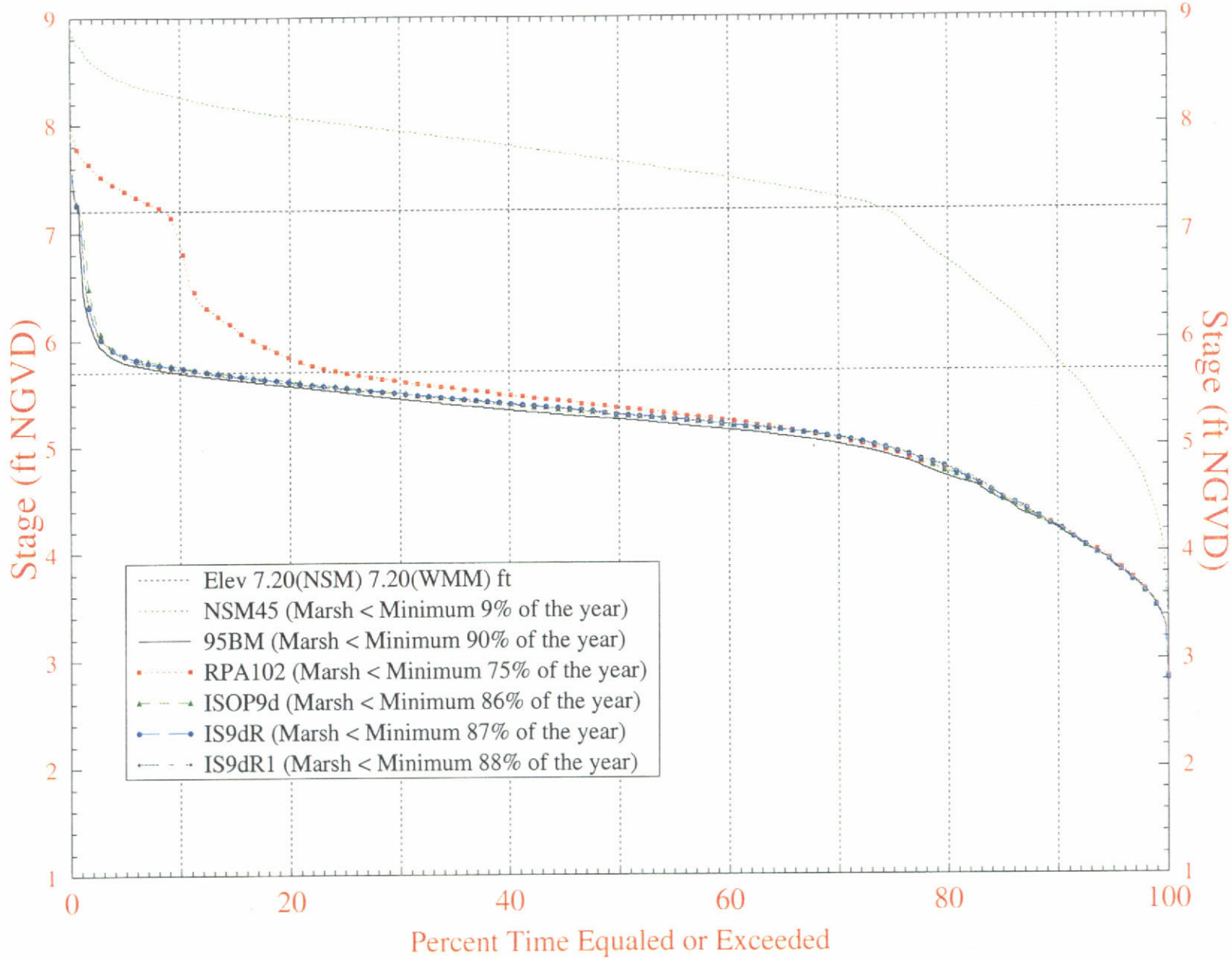
H152

Marsh Stage Duration for Rocky Glades Marl
Gage G-596, Cell R18 C26, Proposed Min Lvl 1.5 ft below ground



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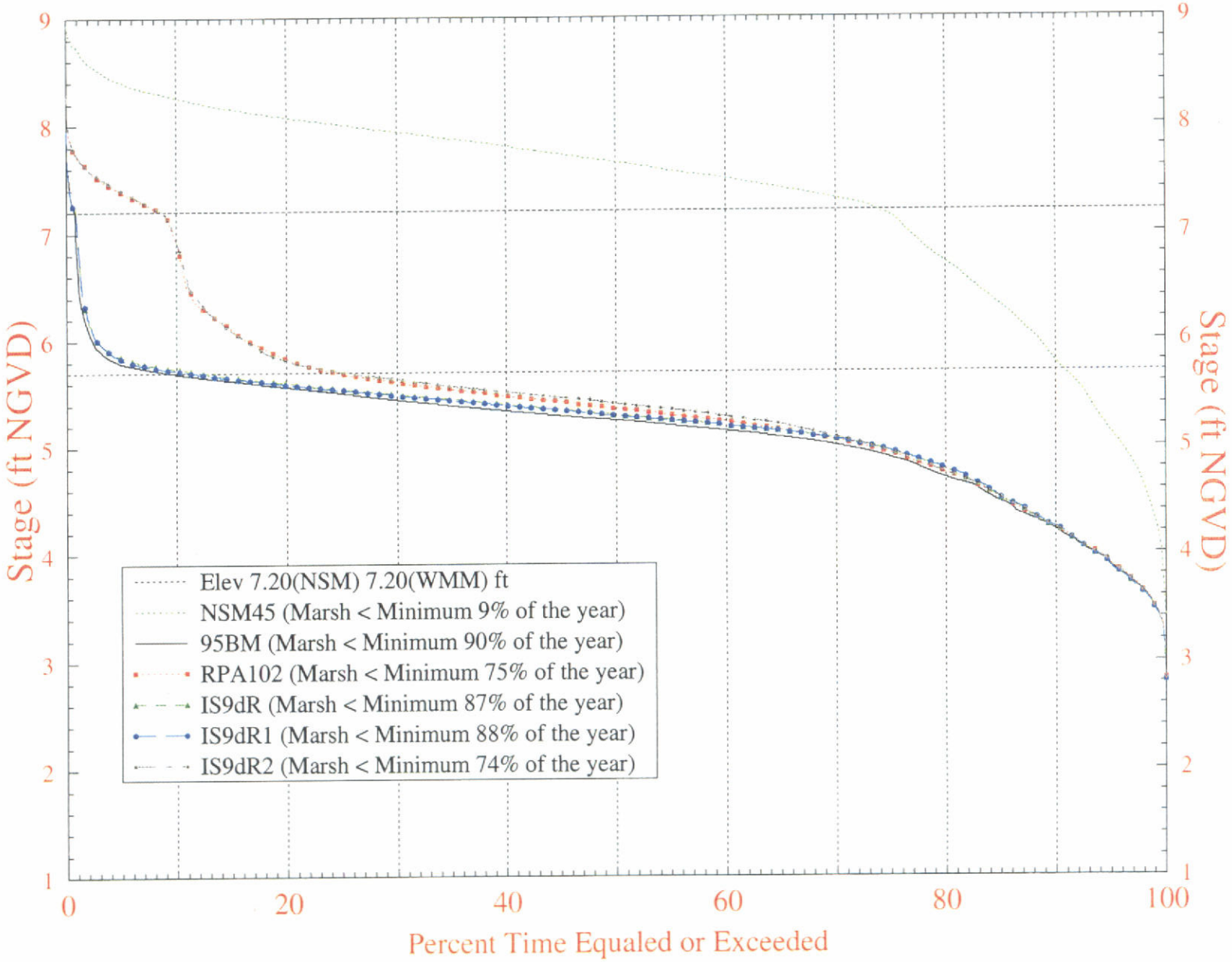
Continuous Analysis
SFWMM v3.8

H153

Marsh Stage Duration for Rocky Glades Marl
Gage G-596, Cell R18 C26, Proposed Min Lvl 1.5 ft below ground



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marsh_stg_dur_curves.Rocky_Gld_G-596_1826.fig

Continuous Analysis
SFWMM V3.8

H154

Cell	Land Surface Elev	Peak Stage(ft)			Stage at Highest 10th Percentile(ft)			Percent of Time stage above Root Zone *		
		CALIB_VERIF_V3.7			95BM			RPA102		
R10C25	5.20	5.49	3.69	41.6	5.43	3.87	47.6	5.44	3.94	55.6
R13C25	6.50	6.79	4.75	17.9	6.94	4.95	30.7	7.10	5.18	46.2
R15C26	7.53	7.80	5.37	7.9	7.75	5.56	10.5	7.77	5.77	15.1
R17C27	8.46	7.80	5.05	0.3	6.70	4.94	0.0	7.18	4.95	0.1
R19C28	8.00	8.23	5.48	4.0	8.20	5.58	4.7	8.21	5.62	5.0
R20C28	7.50	8.06	5.48	9.7	8.01	5.59	12.0	8.03	5.63	12.9
R16C29	9.66	6.07	4.66	0.0	6.07	4.69	0.0	6.11	4.72	0.0
R22C29	7.50	6.09	4.87	0.9	6.03	5.01	2.4	6.11	5.04	2.5
R24C30	5.90	6.32	4.13	15.9	6.32	4.40	26.7	6.31	4.44	27.9

Cell	ISOP9d			IS9dR			IS9dR1		
R10C25	5.42	3.94	55.5	5.42	3.93	57.4	5.40	3.89	55.6
R13C25	7.01	4.87	25.9	7.02	4.87	24.5	7.02	4.91	23.9
R15C26	7.79	5.49	9.2	7.79	6.27	9.0	7.78	5.51	9.6
R17C27	6.25	5.14	0.0	6.25	5.16	0.0	6.26	5.16	0.0
R19C28	8.19	5.58	4.6	8.19	5.59	4.7	8.19	5.59	4.7
R20C28	8.01	5.58	11.8	8.01	5.58	11.9	8.01	5.58	11.8
R16C29	6.13	4.71	0.0	6.14	4.70	0.0	6.14	4.70	0.0
R22C29	6.11	5.02	2.3	6.16	5.03	2.3	6.16	5.03	2.3
R24C30	6.32	4.42	27.1	6.31	4.42	27.3	6.32	4.42	27.2

Peak Stage Indicators in C-111 Basin

* Root Zone is assumed to be 2 feet deep.

H15

Cell	Land Surface Elev	Peak Stage Indicators in C-111 Basin																	
		Peak Stage(ft)			Stage at Highest 10th Percentile(ft)						Percent of Time stage above Root Zone *								
		CALIB_VERIF_V3.7			95BM			RPA102			IS9dR			IS9dR1			IS9dR2		
R10C25	5.20	5.49	3.69	41.6	5.43	3.87	47.6	5.44	3.94	55.6	5.42	3.93	57.4	5.40	3.89	55.6	5.41	3.89	57.0
R13C25	6.50	6.79	4.75	17.9	6.94	4.95	30.7	7.10	5.18	46.2	7.02	4.87	24.5	7.02	4.91	23.9	7.00	4.92	24.8
R15C26	7.53	7.80	5.37	7.9	7.75	5.56	10.5	7.77	5.77	15.1	7.79	6.27	9.0	7.78	5.51	9.6	7.78	5.51	9.7
R17C27	8.46	7.80	5.05	0.3	6.70	4.94	0.0	7.18	4.95	0.1	6.25	5.16	0.0	6.26	5.16	0.0	6.32	5.11	0.0
R19C28	8.00	8.23	5.48	4.0	8.20	5.58	4.7	8.21	5.62	5.0	8.19	5.59	4.7	8.19	5.59	4.7	8.21	5.58	4.6
R20C28	7.50	8.06	5.48	9.7	8.01	5.59	12.0	8.03	5.63	12.9	8.01	5.58	11.9	8.01	5.58	11.8	8.02	5.58	11.8
R16C29	9.66	6.07	4.66	0.0	6.07	4.69	0.0	6.11	4.72	0.0	6.14	4.70	0.0	6.14	4.70	0.0	6.11	4.69	0.0
R22C29	7.50	6.09	4.87	0.9	6.03	5.01	2.4	6.11	5.04	2.5	6.16	5.03	2.3	6.16	5.03	2.3	6.16	5.03	2.4
R24C30	5.90	6.32	4.13	15.9	6.32	4.40	26.7	6.31	4.44	27.9	6.31	4.42	27.3	6.32	4.42	27.2	6.32	4.41	26.9

* Root Zone is assumed to be 2 feet deep.